P.T. INTERNATIONAL CORP.

Metric & American Industrial Power Transmission Products



ISO 9001 CERTIFIED

Metric & American
INDUSTRIAL POWER TRANSMISSION PRODUCTS

Stock Products

ISO 9001 Certified

Mounted Ball Bearings	Set Screw Lock-UC, SB, CSB, SER; Eccentric Locking Collar-HC, SA, CSA. Adapter Styles-GSH & UK, Clamp Lock CL; SUC Set Screw & SHC Ecc. Collar Stainless Steel, Medium Duty X00 Series, Heavy Duty 300 Series Inch & Metric Bores – thru 120mm Shaft Sizes. Housing Materials: Cast, Ductile, Stainless and PBT Thermoplastic. Styles: Pillow Block, 2-Bolt, 3-Bolt & 4-Bolt Flanges, 2 & 4 Bolt Piloted Flange, Narrow & Wide Slot Take Ups, Tapped Base, Steel Flange, 2-Bolt Flanges, Swivel Units, Hanger Units, Cylindrical Units, Flanged Brackets, Stainless Units and custom styles.
Split Pillow Blocks & Plummer Blocks	Housings: Split Type - Cast Iron, Ductile & Steel SNG/SN/SNS 200, 300, 500, 600 Series thru 140mm Shaft Sizes SAF/SAFD/SAFS 200, 300, 500, 600, Series thru 8" Shaft, TAC Seals SDAF/SDAFD/SDAFS 30 & 31 Series. TAC Seals available thru 22" shaft dia. SD-Series, S3000K Series thru 300mm Shaft Size HFO/HFOE Housing for Oil Lube Flange Bearing Housing - 722500 Series thru 100mm Shaft Diameter Din 505 Series Bronze Sleeve Journal Bearings thru 140mm Shaft Diameter
Spherical Bearings	Spherical 222, 223, 230 & 231 Series Roller Bearings, Others on Request
Double Row Ball Bearings	Double Row Ball - 1200, 1300 , 2200 & 2300 Series
Adapters, Hydraulic	Metric Bores H-Series (20 to 440mm), Hydraulic standard over 8" or 200mm Inch Bores SNW, SNP & H-Series (3/4" to 13-7/16")
Withdrawal Sleeves	Metric: 40 to 400mm Bore for 222, 223 & 230 Bearings
Locknuts & Lockwashers	Metric & Inch - Size 0 thru 44, MB, A & AN Locknuts, KM & W Lock-washers
Hydraulic Nuts	HMVC Series from 32 to 92 Sizes
Rod Ends	Male & Female Rod Ends – thru 35mm Bores, Stainless, Maintenance Free. Re-lube Types
Guide Bearings/Rail Profiles	Winkel Linear Bearings, Flanges, Profile Guide Rails - Individual Catalog Also
Flexible Roller Bearing	Eich Flexible Roll-Spring Bearings for Casters
Metric Spur Gears/Racks	Module sizes 1 thru 8, Hub and A-Plate Gears, Racks to 3 meters in length
Roller Chain	Metric (BS) 03B, 04B,05B. 06B, 08B, 10B, 12B, 16B, 20B, 24B, 28B, 32B, 40B, 48B & 56B Single, Double, Triple - Standard, Nickel, Stainless, Hollow Pin, Lube Free Chain ANSI 25,35,40,41,50,60,80,100,120,140,160, 200, 240 - Single, Double, Triple Agricultural Chain: CA2040, 2050, 2060, CA550; Lumber Chain: 81X, 81XH Conveyor, Attachment, Rubber Top & Specialty Chain per Order
Sprockets	Metric A-Plate, B-Hub & TL-Taper Bushed, Stainless and Double Single Sprockets MPB 06B thru 24B Chain Size and from 8 to 125 Teeth - Single, Double, Triple
Taper Bushings	1008 - 5050 - Standard Metric & Inch Bores - 10 to 125mm and 1/2" to 5" bores, BSW Threads and UNC Threads
Weld On Hubs	For TL Bushings for plate Sprockets and Spur Gears
Synchronous Pulleys Timing Pulleys	XL,L & H Series 1/5, 3/8, 1/2" Pitch - 3/8 to 2" Widths, TL Bushed & Pilot Bore HTD & Super Torque 8 & 14mm Pitch, 22 to 216 Teeth, standard widths include 20, 30, 50 & 85mm – TL Bushed Stock, BS available
T & AT - Series Pulleys	5 & 10mm Pitch, 10 to 60 Teeth in 8, 10, 16, 25, 50mm Widths, TL & BS Types
Metric Sheaves	SPZ, SPA, SPB, SPC Series, 56 to 710mm O.D., 1-6 Grooves, Variable Pitch Sheaves
HRC Type Couplings	Flexible Element, Jaw Type, Metric and Inch Bores, Taper Bushed thru 75mm or 3". Bored to Size thru 125mm or 5" Shaft Sizes
Other	Metric Key stock, Branded Products

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P.T. INTERNATIONAL CORP.

Metric **& American Industrial Power Transmission Products**



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General Overview

Stock Bearing Products

Mounted Ball and Roller Bearings

- SAF/SAFD/SAFS Split Pillow Blocks
- SDAF Split Pillow Blocks
- Metric SNG & FSSNG Split Plummer Blocks
- Metric SN/SNS Split Plummer Blocks
- S3000K & SD3100 Split Metric Plummer Blocks
- 722 Series Metric Flange Bearings
- Journal Bearing Plummer Blocks
- HFOE, HFO and PDNF Fan Bearing Units
- HSPA Take Up Units
- Spherical Roller and Double Row Ball Bearings





Metric/Inch Mounted Ball Bearings

- Pillow Blocks
- Tapped Base
- 2-Bolt Flanges
- 3-Bolt Flanges
- 4-Bolt Flanges
- Piloted Flanges
- Take-Up Units
- Hanger Units
- Swivel Flange Units
- Nickel Plated Units
- Stainless Units
- Expansion Units
- End Covers
- Set Screw, Eccentric, Adapter Lock, and Concentric Lock Inserts
- PTI Brand (Silver Series) and European Brand (Gold Series) Inserts
- Custom made Housings possible

Adapters, Withdrawal Sleeves, Nuts

- Metric/Inch Adapter Sleeves & Nuts
- Metric Withdrawal Sleeves & Nuts
- Hydraulic Removal Sleeves
- Hydraulic Nuts
- Spanner Wrenches
- Lock Washers
- Precision Locknuts





Corrosion Resistant Ball Bearings

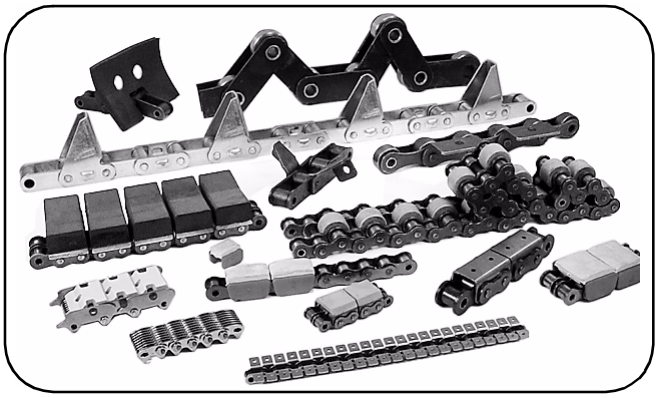
- Stainless Steel Housing and Insert
- Nickel Plated Housing and Stainless Insert
- PBT Thermoplastic Housing and Stainless Insert
- PBT White and Black Housings
- PBT Covers for Thermoplastic Units
- Set Screw and Eccentric Lock Stainless Steel Bearings

General Overview

Stock Drive Products

Chain

- Metric (British Standard) and ANSI Roller Chain
  Single, Double, Triple-Standard,
  Nickel Plated, Stainless
- Metric Attachment, Agricultural, Stainless
- Conveyor and Specialty Chain
- Lumber Chains
- Hollow Pin Chains
- Marathon Lube-Free Chain





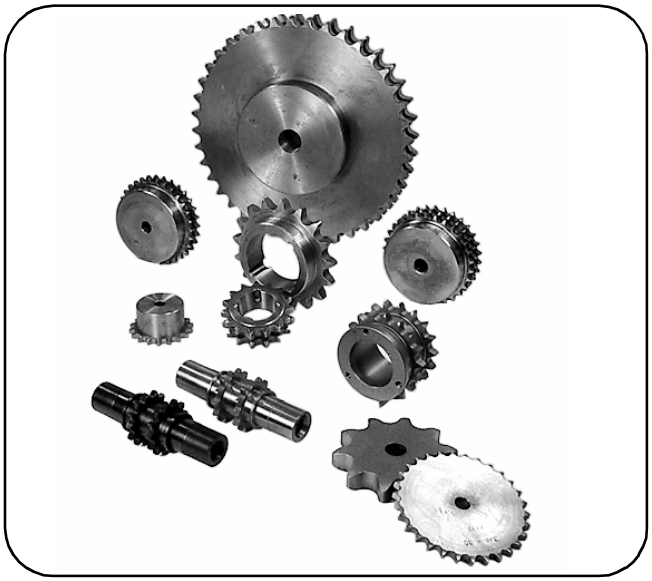
Sprockets

- Taper Bushed Type, Bored to Size
- Single, Double, Triple, Hardened Teeth
- Metric-Hub and Plate Type
- Specialty, Conveyor Chain Sprockets
- Idler Sprockets, Double Single Sprockets
- Stainless Sprockets
- Made to order Custom Sprockets
- ANSI Sprockets on request



Timing Belt Drives and Bushings

- Metric T-Series & AT Series Timing Pulleys
- HTD Pulleys, Taper Bushed, QD optional
- Taper Bushed Synchronous XL, L, H Pulleys
- Metric and Inch Bore Taper Bushings for
  Sprockets, Sheaves and Timing Pulleys
- Super-Torque Timing Pulleys - TL Bushed

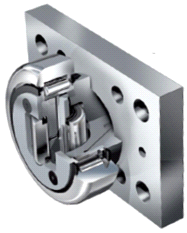


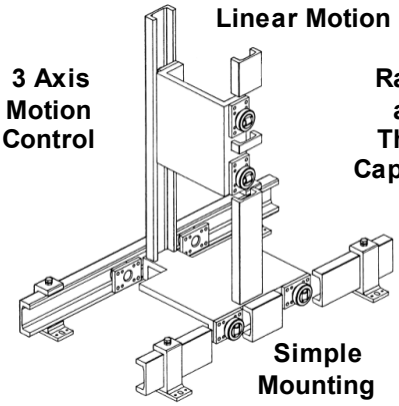
Metric Sheaves and Bushings

- Metric SPZ, SPA, SPB, SPC TL Sheaves
- Variable Pitch Metric Sheaves
- Metric and Inch Bore Taper Bushings
- AK & BK Sheaves-Bored to Size
- Custom Sheaves on request

Specialty Products

WINKEL Linear Bearings & Profiles (Rails)

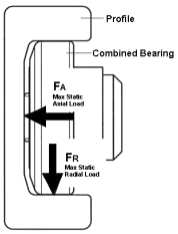




Linear Motion

3 Axis Motion Control

Radial and Thrust Capability



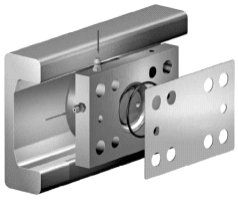
Stainless







Simple Mounting

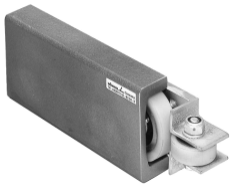


Heavy Duty

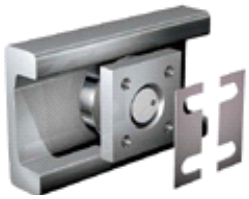
Vulkollan High Speed

Radial & Axial Adjustment

Re-lube Capability



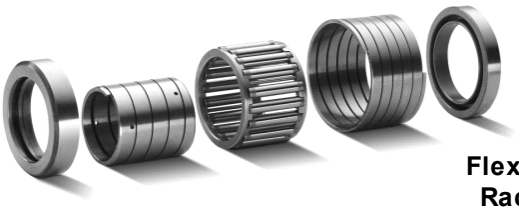








eich Roller Bearings



Flexible Races

Spring Wound Races — Spiral

Caster & Furnace Bearings



Operating Temps to 500ºC +

SACRB Units



Misalignment and Axial Float Capability



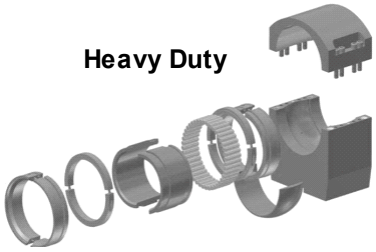
High Temp, Heavy Load Capability

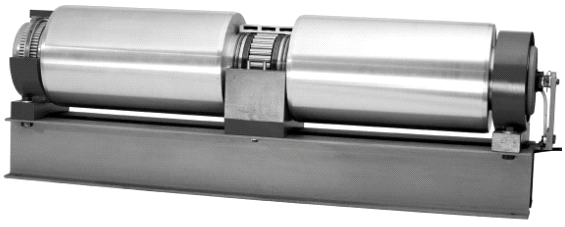
Water Cooled Split Units



Installation Tools

Heavy Duty





Specialty Products

Metric Rod Ends



External Thread



Stainless

Stock



Internal Thread

Heavy Duty



Self-aligning Journal

Hydraulic-CETOP



Seals & Covers

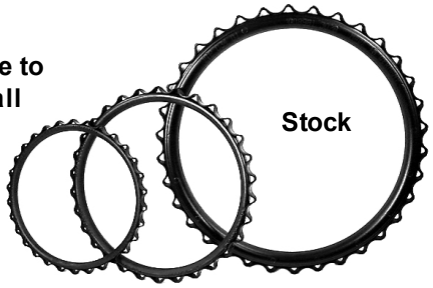


Accessories

Roll-Ring® Chain Tensioners

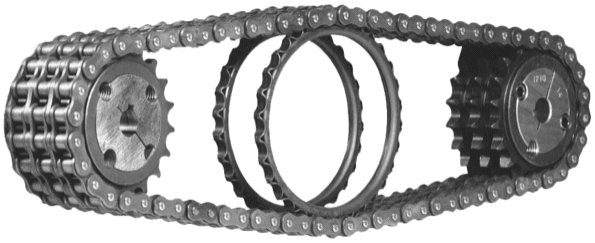
Fits Metric or ANSI Chain

Simple to Install



Stock

Provides Constant Tension



Metric Spur Gears



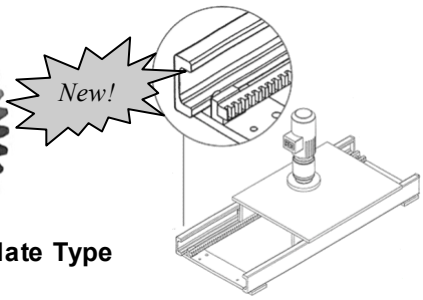
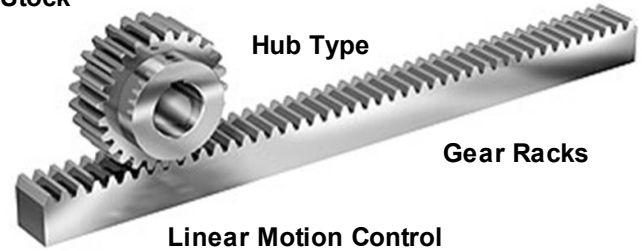


Plate Type

Stock

Hub Type



Gear Racks

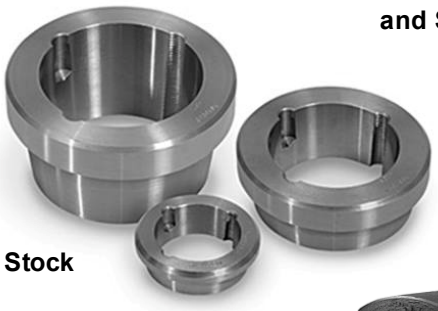
Linear Motion Control

Weld On Hubs

For TL Bushings...

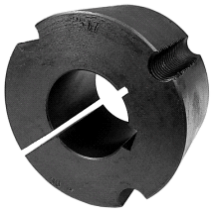


For Spur Gears and Sprockets



Stock

TL Taper Bushings for Inch and Metric Bores



Mounted Ball Bearings

Product Overview

PTI offers the widest assortment of housings and ball bearing inserts in the industry. We have cataloged the more popular combinations, but others are available. So if you cannot find exactly what you want, let us know. We stock finished components as well as assemblies, so nearly every combination is possible.

Shaft Attachment

Typically mounted Ball Bearings attach to the shaft with set screws, eccentric locking collars, a tapered adapter or a clamping lock collar. PTI stocks all four types. The various inserts fit into any housing type.



Gold and Silver Series

PTI offers two brands of inserts in Set Screw and Eccentric Lock Mount The Gold Series is a popular European Brand and uses a nylon type cage for higher speeds. The Silver Series is a PTI Brand and available in all 4 mounting types. See insert section for dimensions.



UC Gold UC Silver

The choice allows 2 price points. A wide range of inserts are available. Wide Inner Ring, Narrow Inner Ring, Set Screw and Eccentric Collar Lock, Adapter Mount, Concentric Clamping collar type, stainless and cylindrical OD types. So, you have choices!

Housing Types

PTI stocks over 400 housing types and sizes including popular European Metric, Pacific Metric and American Standard configurations. Stainless and thermoplastic housings are stock as well. Custom housings are also possible.

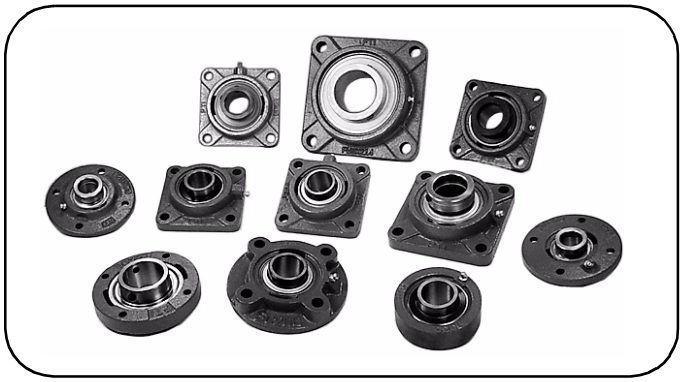
Wide Assortment of Types



Pillow Blocks



Four Bolt Flange and Cartridge Types



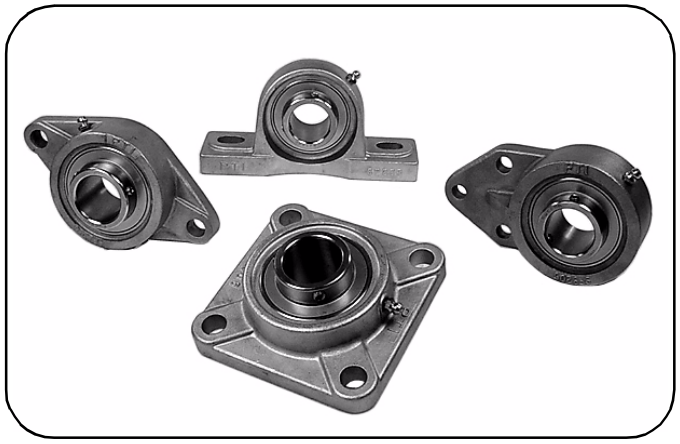
Mounted Ball Bearings

Product Overview Cont.

3-Bolt Flange Units



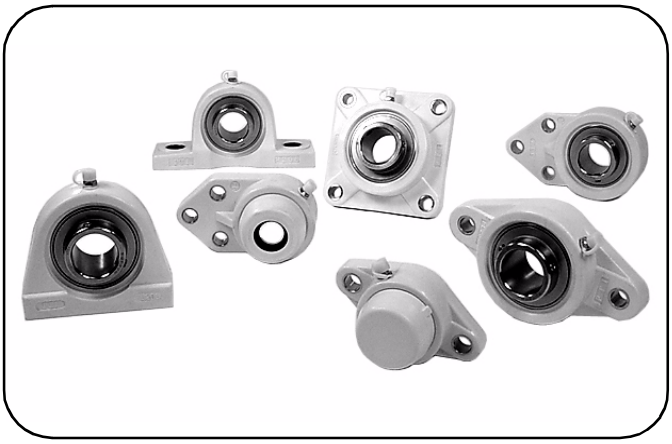
Corrosion Resistant All Stainless Steel



2-Bolt Flange Units



Thermoplastic Housings and Stainless Bearing Inserts



Take-ups, Hanger and Swivel Flange Units



Gold and Silver Insert Series, Wide and Narrow Inner Rings, Set Screw, Eccentric Collar and Adapter Locking Types.



Ball Bearing Selection Criteria

Load

There are basically two types of bearing loads: Radial and Thrust. For proper selection, the value of these loads must be determined. Service factors for applications can vary from uniform, light or heavy shock loads. The service factor for uniform loads is 1.0, for light shock loads use 2.0 and for heavy shock use 3.0 times the load.

Speed

When selecting bearings, the maximum speed published is intended as a guide. It is also generally assumed in life calculations that heavy loads are not applied at the maximum speeds, but rather light loads at high speeds and heavier loads at lower speeds. Heavy loads and high speeds will increase bearing operating temperatures which can effect the lubricant, seals and the cages or retainers. Bearing speeds are limited primarily by tolerance grade of bearing ball and raceway, lubricant, ambient conditions, retainer design, and type of bearing seal.

Brand

PTI Silver Series Ball Bearing Mounted Units have steel cages. The bearings are grease lubricated and have a steel slinger with a lip seal on each side of the bearing. Triple lip seals are also available. PTI Brand = Silver Series.

PTI Gold Series Ball Bearing Mounted Units have a molded nylon cage. The bearings are grease lubricated and typically have a lip seal between 2 pieces of zinc plated steel. The limiting speeds are listed on the Ball Bearing pages. Our gold series is a popular European brand and marked as such.

Life

The L_{10} Life is the expected life of a bearing based on normal conditions. Factors involving temperatures and ambient conditions, i.e. chemical, moisture and maintenance intervals are not factored into the basic formula. However they must be considered or factored into your selection criteria. To determine the L_{10} hours of life for ball bearing use the following:

$$\mathbf{L_{10} = (C/P)^3 \times 16667/rpm}$$

where: $\mathbf{L_{10}}$ = Life hours. **C =** Dynamic capacity (lb).
P = Equivalent Radial load. When **P** is a radial load only, then **P** = the actual radial load. If there is a thrust and radial load acting on the bearing, then these loads must be converted into an equivalent load. The equivalent load formula is:

$$\mathbf{P = (X \times F_R) + (Y \times F_A)}$$

where **P** = equivalent load (lb). See table A, where:
$\mathbf{F_R}$ = radial load (lb), $\mathbf{F_A}$ = thrust axial load (lb), **e** = thrust load to radial load factor (see table A), **X** = radial load factor (table A), **Y** = thrust factor (table A), **Co** = basic static rating. The first step is to find **X** and **Y**. Calculate $\mathbf{F_A/C_O}$ to determine **e**. Then calculate $\mathbf{F_A/F_R}$ and compare to **e** to determine the **X** and **Y** factors to use from table A. Next substitute all known values into $\mathbf{P = (X \times F_R) + (Y \times F_A)}$ equation. Then put the value of **P** into the $\mathbf{L_{10}}$ life formula to determine the life hours of the bearing. Rpm is the shaft speed in revolutions per minute.

Table A

$\frac{F_A}{C_O}$	e	Radial/Thrust Factors			
		If F_A/F_R is equal to or less than e		If F_A/F_R is greater than e	
		$F_A/F_R \le e$		$F_A/F_R > e$	
		X	Y	X	Y
.014	.19	1	0	.56	2.30
.021	.21	1	0	.56	2.15
.028	.22	1	0	.56	1.99
.042	.24	1	0	.56	1.85
.056	.26	1	0	.56	1.71
.070	.27	1	0	.56	1.63
.084	.28	1	0	.56	1.55
.110	.30	1	0	.56	1.45
.170	.34	1	0	.56	1.31
.280	.38	1	0	.56	1.15
.420	.42	1	0	.56	1.04
.560	.44	1	0	.56	1.00

Misalignment

There are two types of misalignment: **Static**, which refers usually to a bearing alignment in a housing and **Dynamic**, which is usually a misalignment that can be handled within the bearing while operating. Aligned bearings run smoother, cooler, and quieter than misaligned units. Consequently, misaligned bearings will run hotter than aligned units. Cooler running bearings will operate longer than hot running bearings. Single Row ball bearings in housings will generally handle +/- 2% static misalignment but only slight dynamic misalignment. Spherical Roller bearings, as a comparison, can handle larger dynamic mislignments.

Temperature / Lubrication

Bearings that operate at higher temperatures may also experience a reduced life. There are no specific simple formulas to predict this, but a good understanding and experience of the application will help maximize bearing life. PTI Stainless Steel bearing inserts are lubricated with Mobil FM222 H1 Food Grade grease. A slight showing of grease purging from the seal area is optimal. When re-lubricating, small amounts of grease at frequent intervials is more desirable then large quanities infrequently. Re-lube while the bearing is rotating if possible. The normal operating temperatures for these bearings are 10°F to 200°F in a clean environment. Higher or lower operating temperatures will require the use of a special lube. Higher ambient temperatures require lube with special features and the bearing races should also be specially heat treated or "normalized" to improve their resistance to warping. Also, special seals, internal clearance and frequent lubrication (possibly daily) may be necessary. A bearing required to operate above 250° F will need to be de-rated in capacity. Load de-rated factors can be provided for elevated temperatures. Special seals, lubricant, internal clearances can also be provided.

Other Conditions

Determine if a standard cast iron housing and the standard bearing will withstand the operating environment. Thermoplastic, Stainless Steel and Nickel plated housings along with Stainless Steel bearing inserts for wash down applications are also available. Consult PTI for other needs or requirements.

Mounted Ball Bearings - Shaft Locking Methods

.....4 Choices, each with a purpose.....all available at PTI.

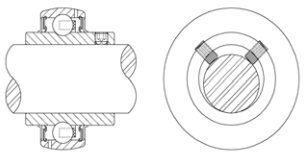
There are 4 standard methods to lock Mounted Ball Bearings to the shaft. Each method has its advantages. The following will review the basics of these 4 mounting choices to help determine which method would be best for the application. The general installed dimension for each unit is basically the same with a minor difference in length thru the bore. Depending on application need, one method may yield a better operating result. PTI stocks each of these options in the standard inch and metric bore sizes and can assist in product selection.

1. Set Screw Locking-UC Insert





Set Screw Locking is one of the most popular and the least cost of the 4 attachment methods. This type is simple to install and two set screws tighten the bearing to the shaft. The clearance fit of bearing on the shaft, makes installation simple and quick. They are typically used for low to medium speed applications. The set screws will eventually create a small burr on the shaft making removal a little more difficult. As the bearing works, it may require that the set screws be re-tightened periodically. Set screws are usually knurled or a cup point design which helps keep them tight. Due to the clearance fit, some fretting can occur between the shaft and the bore of the bearing. This can make removal a little more difficult over time. Dimpling the shaft or adding a flat where the set screw bears against the shaft, makes removal easier. The smaller the clearance between the bearing and the shaft, the smoother the bearing will operate resulting in less vibration and generally helping to extend bearing life. The above sketch is exaggerated to illustrate the clearance between the shaft and the bearing inner ring.

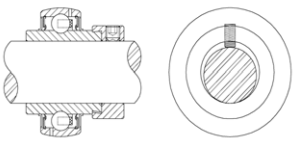


2. Eccentric Collar Locking-HC Insert





The eccentric locking collar is also a popular method of mounting a ball bearing to the shaft. The bearing inner ring has an eccentric groove and a mating groove is machined into the collar. Commonly a drift pin and hammer are used to tighten the collar against the mating eccentric of the inner ring, locking the bearing to the shaft. Generally the locking collar is tightened with the direction of shaft rotation. For reversing loads, it is best to use another locking method as torque reversals could loosen the collar. One set screw in the collar keeps the collar in position on the mating eccentrics. This is still a clearance fit of bearing to the shaft. Some shaft fretting, or rubbing of parts will likely occur over time. A burr raised on the shaft during the tightening of the set screw may slightly hinder removal. A flat on the shaft helps to minimize this. The eccentric collar is also an economical method and popular in all of the various housing types including pillow blocks, flanges, tapped bases, take-ups and more. The above view of the shaft is also exaggerated for clarity.

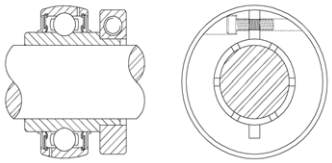


3. Concentric Locking Clamp Collar-CL Insert





The concentric locking method allows the bearing inner ring to fit concentrically to the shaft. This is still a clearance fit of bearing inner ring to the shaft, therefore, easy to install and will not loosen after proper initial tightening. These units are more expensive than comparably sized set screw or eccentric locking methods due to the additional collar and slotted inner race. As the cap screw in the split locking collar is tightened, the collar compresses the spline zone of the inner ring to grip or squeeze the shaft. Loosening the concentric collar will loosen the unit and removal is easy. The load rating for all units being compared are basically the same. As expected, they run smoother due to an improved concentric fit onto the shaft. Reduced fretting between the shaft and bore of the bearings is also a benefit due to the concentric clamping of the shaft.

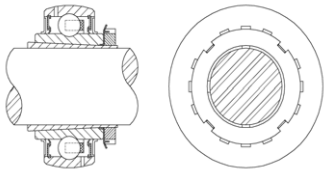


4. Adapter Mount Locking-UK & GSH Insert





The adapter locking method provides the most concentric locking fit of the 4 types simulating the direct mounting of bearing to the shaft. The adapter mounting allows highest speed with the least amount of residual vibration. It is also typically higher in cost as compared to the set screw or eccentric locking types primarily due to the additional components. Due to the improved (near ideal) shaft fit, no fretting occurs between components when they are properly tightened. Hence, the bearing can ultimately be removed without any damage to the shaft, allowing shaft re-use. A tang on the locking washer is bent into a slot on the locknut to insure a positive lock, even during reversing loads. Two adapter mount versions are available. The GSH insert allows interchange with the same shaft and housing footprint as any of the three other mounting methods. While the UK insert can be considered a medium duty robust bearing unit and requires one housing size larger. When either unit is used in a flange type housing, the adapter type may require shims between the flange and the mounting frame. The bearing will shift approx 1/16" during mounting as the bearing is pushed up the tapered sleeve.



Mounted Ball Bearing Interchange

Normal Duty - 200 Series

PTI	Mounting	Style	AMI	Browning	Dodge	Fafnir	FYH	Hub City	INA	NTN	PEER	Sealmaster	SKF
Pillow Blocks													
SW	Eccentric	Pillow Block	-	-	-	VAS	-	PB221	PASE	-	-	-	SY..FM
SW..U	Set Screw	Pillow Block	-	-	P2B-SC	YAS	-	PB251W	RASEY	-	-	-	SY..TF
SW..A	Eccentric	Pillow Block	-	-	P2B-SXR	RAS	-	PB221W	RASE	-	-	-	SY..WF
SW..S	Set Screw	Pillow Block	-	-	-	SAS	-	PB251	PASEY	-	-	-	SY..RM
SW..K	Adapter	Pillow Block	-	-	-	-	-	-	-	-	-	-	-
SW..GSH	Adapter	Pillow Block	-	-	-	-	-	-	RASEA	-	-	-	SY..KG
UCP	Set Screw	Pillow Block	UCP	VPS-2	P2B-SC	YAS	UCP	PB251W	RASEY	UCP	UCP	NP	SY..TF
UKP	Adapter	Pillow Block	UKP	-	-	-	UKP	-	-	-	-	-	-
HCP	Eccentric	Pillow Block	UGP	VPE	P2B-SXR	RAS	NAP 2	PB221W	RASE	UELP	HCP	RP..E	SY..WF
CLP	Clamp Collar	Pillow Block	UEP	-	-	RASC	-	-	-	-	-	NP..T	-
RAK	Eccentric	Pillow Block LH	UGAK	VPLE	P2B-SXRB	RAK	NAPK	PB220W	RAK	UELPL	HCLP	RPL	SYH..WF
RAK..CL	Clamp Collar	Pillow Block LH	UELP	-	-	-	-	-	-	-	-	NPL..TM	-
VAK	Eccentric	Pillow Block LH	KHLP	VPLE	P2B-SXVB	VAK	VASL	PB220	PAK	AELPL	FHLP	VPL	SYH..FM
RAKH	Eccentric	Pillow Block	UGAHK	-	-	RAKH	-	-	-	-	-	-	-
RAKHL	Eccentric	Pillow Block	-	-	-	RAKHL	-	-	-	-	-	-	-
BS	Eccentric	Stmp Stl Pil Blk	KHPP	SSPE	P2B-SLX	PB	SAPP	-	PB	AELPP	FHPPZ	SSP	S..FM
BS..S	Set Screw	Stmp Stl Pil Blk	BPP	-	-	-	SBPP	PB..S	PBY	ASPP	FHSPPZ	-	S..RM
BSR	Eccentric	Stmp Stl Rub Pil Blk	KHPR	SSRPE	-	PBR	-	-	-	-	FHPRZ	-	SR..FM
BSR..S	Set Screw	Stmp Stl Rub Pil Blk	BPR	SSRPS	-	-	-	-	-	ASRPP	FHSPRZ	-	SR..RM
UP	Eccentric	Pillow Block	UP	-	-	-	-	-	-	-	-	-	-
KP	Set Screw	Pillow Block	KP	-	-	-	-	-	-	-	-	-	-
Tapped Base Pillow Blocks													
TB	Eccentric	Tap Base - (in)	-	-	-	-	-	-	-		-	-	-
TB..U	Set Screw	Tap Base - (in)	UCTB	VTBS	TB-SC	STB	UCPAN	TPB250W	-	-	UCPAS	TB	-
TB..A	Eccentric	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
TB..S	Set Screw	Tap Base - (in)	-	-	-	-	-	TB250	-	-	-	-	-
TB..K	Adapter	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
TB..GSH	Adapter	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
TB..CL	Clamp Collar	Tap Base - (in)	UETB	VTBB	TB-DL	-	-	-	-	-	-	TB..T	-
UCPA(1)(2)	Set Screw	Tap Base - (in)	UCPA(1)	-	-	-	UCPA(1)	-	-	UCUP(1)	UCPA(2)	-	-
HCPA	Eccentric	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
SAPA	Eccentric	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
SBPA	Set Screw	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
UKPA	Adapter	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
PA..GSH	Adapter	Tap Base - (in)	-	-	-	-	-	-	-	-	-	-	-
SWG(3)	Eccentric	Tap Base - (mm)	KHSHE	-	-	-	-	-	PSHE	-	-	-	SYF..FM
SWG..U(3)	Set Screw	Tap Base - (mm)	UCSHE	-	-	-	-	-	RSHEY	-	-	-	SYF..TF
SWG..A(3)	Eccentric	Tap Base - (mm)	UGSHE	-	-	-	-	-	RSHE	-	-	-	SYF..WF
SWG..S(3)	Set Screw	Tap Base - (mm)	BSHE	-	-	-	-	-	PSHEY	-	-	-	SYF..RM
SWG..K(3)	Adapter	Tap Base - (mm)	-	-	-	-	-	-	-	-	-	-	-
SWG..GSH	Adapter	Tap Base - (mm)	-	-	-	-	-	-	RSHEA	-	-	-	SYF..KG

Note: (1) PTI - Inch tapped threads, Competitor - Metric tapped threads. (2) PTI & Competitor - Inch tapped threads.
(3) PTI & Competitor - Metric tapped Threads. Interchanges are for comparison purposes only. Dimensions may vary.

Mounted Ball Bearing Interchange

Normal Duty - 200 Series

PTI	Mounting	Style	AMI	Browning	Dodge	Fafnir	FYH	Hub City	INA	NTN	PEER	Sealmaster	SKF
4-Bolt Flange Units													
FWS	Eccentric	4-Blt Flange	-	-	-	-	-	FB220	-	-	-	-	FY..FM
FWS..U	Set Screw	4-Blt Flange	-	-	-	-	-	-	-	-	-	-	FY..TF
FWS..A	Eccentric	4-Blt Flange	UGSLF	-	-	-	-	-	-	-	-	-	FY..WF
FWS..S	Set Screw	4-Blt Flange	-	-	-	-	-	FB250	-	-	-	-	FY..RM
FWS..K	Adapter	4-Blt Flange	-	-	-	-	-	-	-	-	-	-	-
FWS..GSH	Adapter	4-Blt Flange	-	-	-	-	-	-	-	-	-	-	FY..KG
UCF	Set Screw	4-Blt Flange	UCF	VF4S	F4B-SC	YCJ	UCF2	FB250W	RCJY	UCF2	UCF	SF	FY..TF
UKF	Adapter	4-Blt Flange	UKF	-	-	-	UKF	-	-	UKF	-	-	-
CLF	Clamp Collar	4-Blt Flange	UEF	VF4B	F4B-DL	RCJC	-	-	-	-	-	SF..T	-
HCSLF	Eccentric	4-Blt Flange	UGSLF	VF4E	F4B-SXR	RCJ	NANF	FB220W	RCJ	UELFLU	HCFS	RF..E	FY..WF
4-Bolt Piloted Flange Units													
FWSN	Eccentric	4-Blt. Piloted Flg	-	-	-	-	-	-	PFE	-	-	-	-
FWSN..U	Set Screw	4-Blt Piloted Flg	-	-	-	-	-	-	RFEY	-	-	-	-
FWSN..A	Eccentric	4-Blt Piloted Flg	-	-	-	-	-	-	RFE	-	-	-	-
FWSN..S	Set Screw	4-Blt Piloted Flg	-	-	-	-	-	-	PFEY	-	-	-	-
FWSN..K	Adapter	4-Blt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
FWSN..GSH	Adapter	4-Blt Piloted Flg	-	-	-	-	-	-	RFEA	-	-	-	-
RVFW	Eccentric	4-Blt Piloted Flg	KHME	-	-	-	-	-	PME	-	-	-	-
RVFW..U	Set Screw	4-Blt Piloted Flg	UCME	-	-	-	-	-	RMEY	-	-	-	-
RVFW..A	Eccentric	4-Blt Piloted Flg	UGME	-	-	-	-	-	RME	-	-	-	-
RVFW..S	Set Screw	4-Blt Piloted Flg	BME	-	-	-	-	-	PMEY	-	-	-	-
RVFW..K	Adapter	4-Blt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
RVFW..GSH	Adapter	4-Blt Piloted Flg	-	-	-	-	-	-	RMEA	-	-	-	-
UCFC	Set Screw	4-Blt Piloted Flg	UCFC	-	-	-	UCFC2	-	-	UCFC2	UCFC	-	-
UKFC	Adapter	4-Blt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
CLFC	Clamp Collar	4-Blt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
FCF..U	Set Screw	4-Bolt Piloted Flg	UCFCF	-	-	RFC	UCFCF	-	-	-	-	-	
UKFCF	Adapter	4-Bolt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
3-Bolt Flange Units													
FB	Eccentric	3-Bolt Bracket	-	-	-	-	-	-	-	-	-	-	-
FB..U	Set Screw	3-Bolt Bracket	UCFB	VFB	FB-SC	-	-	-	-	-	UCFB	FB	-
FB..A	Eccentric	3-Bolt Bracket	-	-	-	-	-	-	-	-	-	-	-
FB..S	Set Screw	3-Bolt Bracket	-	-	-	-	-	-	-	-	-	-	-
FB..K	Adapter	3-Bolt Bracket	-	-	-	-	-	-	-	-	-	-	-
FB..GSH	Adapter	3-Bolt Bracket	-	-	-	-	-	-	-	-	-	-	-
FB..CL	Clamp Collar	3-Bolt Brackrt	UEFB	VFBB	FB-DL	-	-	-	-	-	-	FB..T	-
BF	Eccentric	Stl 3-Bolt Flg	KHPF	SSF3E	F3B-SLX	RA	SAPF	-	RA	AELPF	FHPFR	SSF..E	PF..FM
BF..S	Set Screw	Stl 3-Bolt Flg	BPF	SSF3S	F3B-SL	-	SBPF	FB100S	RAY	ASPFL	FHSPFR	SSF	PF..RM
DBF	Eccentric	Stl 3-Blt Flg	KHPFT	SSF3S	-	RATR	-	-	RATR	-	FHPFTZ	TSSF..E	PFD..FM
DBF..S	Set Screw	Stl 3-Blt Flg	BPFT	SSF3TS	-	-	-	-	RATRY	-	FHSPFTZ	TSSF	PFD..RM
F3X (sq hole)	Eccentric	3-Blt Ductile Flg	KHTM	VF3E..M	LF-SXV	GVFD	-	-	-	-	FHF3X	LF..E	-
F3X..S	Set Screw	3-Blt Ductile Flg	BTM	VF3S..M	LF..SC	-	-	FB150	-	-	FHSF3X	LF	-
DFW	Eccentric	3-Blt Flange	-	-	-	-	-	-	PCFTR	-	-	-	-
DFW..S	Set screw	3-Blt Flange	-	-	-	-	-	-	PCFTRY	-	-	-	-

Mounted Ball Bearing Interchange

Normal Duty - 200 Series

PTI	Mounting	Style	AMI	Browning	Dodge	Fafnir	FYH	Hub City	INA	NTN	PEER	Sealmaster	SKF
2-Bolt Flange Units													
FX (sq hole)	Eccentric	2-Blt Flg	KHFX	VF2E..M	LFT-SXV	GVFTD	-	-	-	-	FHFX	LFT..E	-
FX..S	Set Screw	2-Blt Flg	BFX	VF2S..M	LFT..SC	-	-	FB160	-	-	FHSFX	LFT	-
LF (rd hole)	Eccentric	2-Blt Small Flg	KHLFL	-	-	-	ALF	-	-	-	FHLF	-	-
LF..S	Set Screw	2-Blt Small Flg	BLFL	-	-	-	BLF	-	-	-	FHSLF	-	-
UFL	Eccentric	2-Blt Zinc Alloy Flg	UFL & KFL	-	-	-	-	-	-	-	-	-	-
KFL	Set Screw	2-Blt Zinc Alloy Flg	KFL	-	-	-	-	-	-	-	-	-	-
OWFK	Eccentric	2-Blt Small Flg	KHLCTE	-	-	FLCT	-	-	GLCTE	AELFD	-	-	-
OWFK..S	Set Screw	2-Blt Small Flg	BLCTE	-	-	-	-	-	GLCTEY	ASFD	-	-	-
OWFS	Eccentric	2-Blt Narrow Flg	-	-	-	-	-	-	-	-	FHFTJ	-	-
OWFS..S	Set Screw	2-Blt Narrow Flg	-	-	-	SCJT	-	-	-	-	FHSFTJ	-	-
OWFZ	Eccentric	2-Blt Piloted Flg	-	-	-	-	-	-	PCJTZ	-	-	-	-
OWFZ..U	Set Screw	2-Blt Piloted Flg	-	-	-	-	-	-	RCJTZY	-	-	-	-
OWFZ..A	Eccentric	2-Blt Piloted Flg	UGCJTZ	-	-	-	-	-	RCJTZ	-	-	-	-
OWFZ..S	Set Screw	2-Blt Piloted Flg	-	-	-	-	-	-	PCJTZY	-	-	-	-
OWFZ..K	Adapter	2-Blt Piloted Flg	-	-	-	-	-	-	-	-	-	-	-
OWFZ..GSH	Adapter	2-Blt Piloted Flg	-	-	-	-	-	-	RCJTZA	-	-	-	-
WSFL	Eccentric	Swivel Flg	-	-	-	-	-	-	PSFT	-	-	-	-
WSFL..S	Set Screw	Swivel Flg	-	-	-	-	-	-	PSFTY	-	-	-	-
Take-Up Units													
UCT	Set Screw	Take-Up Unit	UCT	-	-	-	-	-	-	UCT	-	-	-
UKT	Adapter	Take-Up Unit	-	-	-	-	-	-	-	-	-	-	-
HCT	Eccentric	Take-Up Unit	-	-	-	-	-	-	-	-	-	-	-
CLT	Clamp Collar	Take-Up Unit	UET	-	-	-	-	-	-	-	-	ST..TMC	
WS	Eccentric	Wide Slot Take-up	-	-	-	VTU	VAT	WSTU200	PTUE	-	-	-	TU..FM
WS..U	Set Screw	Wide Slot Take-up	UCST	VTWS	WSTU-SC	YTU	UCT	WSTU250W	RTUEY	-	UCT	ST	TU..TF
WS..A	Eccentric	Wide Slot Take-up	-	-	-	RTU	NAT	WSTU220W	RTUE	-	-	-	TU..WF
WS..S	Set Screw	Wide Slot Take-up	-	-	-	-	VBT	WSTU250	PTUEY	-	-	-	TU..RM
WS..K	Adapter	Wide Slot Take-up	-	-	-	-	-	-	-	-	-	-	
WS..GSH	Adapter	Wide Slot Take-up	-	-	-	-	-	-	RTUEA	-	-	-	TU..KG
WS..CL	Clamp Collar	Wide Slot Take-up	UEST	-	WSTU..DL	-	-	-	-	-	-	ST..T	-
Hanger Units													
SPK	Eccentric	Take-Up Hanger	-	-	-	-	-	-	-	-	-	-	-
HA	Set Screw	Hanger Unit	UCECH	-	-	-	UCHA	-	-	-	-	SEHB	-
Cylindrical Units													
HLW	Eccentric	Cylindrical Unit	-	-	-	-	-	-	-	-	-	-	-
HLW..U	Set Screw	Cylindrical Unit	UCC	-	-	-	UCC	-	-	UCC	UCC	-	-
HLW..A	Eccentric	Cylindrical Unit	-	-	-	-	-	-	-	-	-	-	-

Mounted Ball Bearing Interchange

Normal Duty - 200 Series

PTI	Mounting	Style	AMI	Browning	Dodge	Fafnir	FYH	Hub City	INA	NTN	PEER	Sealmaster	SKF

All Stainless Steel Units - Set Screw inserts

SUCSP	Set Screw	SS Pill Blk	MUCP	SPS-S2	-	-	UCSP..S6H1	-	-	-	-	-	-
SUCSPA	Set Screw	Tap Base PB	MUCTB	STBS-S2	-	-	UCPAN..S6H1	-	-	-	-	-	-
SUCSFL	Set Screw	SS 2-Blt Flg	MUCFL	SF2S-S2	-	-	-	-	-	-	-	-	-
SUCSF	Set Screw	SS 4-Blt Flg	MUCF	SF4S-S2	-	-	UCSF..S6H1	-	-	-	-	-	-
SUCSFB	Set Screw	SS 3-Bolt Brkt	MUCFB	-	-	-	UCSFB..S6H1	-	-	-	-	-	-
SUCST	Set Screw	SS Take-Up	MUCT	-	-	-	UCST..S6H1	-	-	-	-	-	-

All Stainless Steel Units - Eccentric Locking inserts

SHCSP	Eccentric	SS Pill Blk	-	-	-	-	-	-	-	-	-	-	-
SHCSPA	Eccentric	Tap Base PB	-	-	-	-	-	-	-	-	-	-	-
SHCSFL	Eccentric	SS 2-Blt Flg	-	-	-	-	-	-	-	-	-	-	-
SHCSF	Eccentric	SS 4-Blt Flg	-	-	-	-	-	-	-	-	-	-	-
SHCSFB	Eccentric	SS 3-Bolt Brkt	-	-	-	-	-	-	-	-	-	-	-
SHCST	Eccentric	SS Take-Up	-	-	-	-	-	-	-	-	-	-	-

Thermoplastic Housings / Stainless Steel Set Screw Insert

SUCTP	Set Screw	Pillow Block	MUCPPL	CPS--S2	-	-	UCP..S6PL	-	-	F-UCPR	-	-	-
SUCTTB	Set Screw	Tap Base PB	MUCTBL	CTBS-S2	-	-	-	-	-	-	-	-	-
SUCTFL	Set Screw	2-Bolt Flg	MUCNFL	CF2S-S2	-	-	-	-	-	-	-	-	-
SUCTF	Set Screw	4-Blt Flg	MUCFPL	-	-	-	UCFL..S6PL	-	-	F-UCFLR	-	-	-
SUCTFB	Set Screw	3-Blt Bracket	MUCFBL	-	-	-	UCFB..S6PL	-	-	-	-	-	-
SUCTT	Set Screw	Take-Up Unit	MUCTPL	-	-	-	UCT..S6PL	-	-	-	-	-	-

Thermoplastic Housings / Stainless Steel Eccentric Locking Insert

SHCTP	Eccentric	Pillow Block	-	-	-	-	-	-	-	-	-	-	-
SHCTTB	Eccentric	Tap Base PB	-	-	-	-	-	-	-	-	-	-	-
SHCTFL	Eccentric	2-Bolt Flg	-	-	-	-	-	-	-	-	-	-	-
SHCTF	Eccentric	4-Blt Flg	-	-	-	-	-	-	-	-	-	-	-
SHCTFB	Eccentric	3-Blt Bracket	-	-	-	-	-	-	-	-	-	-	-
SHCTT	Eccentric	Take-Up Unit	-	-	-	-	-	-	-	-	-	-	-

Medium Duty & Heavy Duty - 300 Series

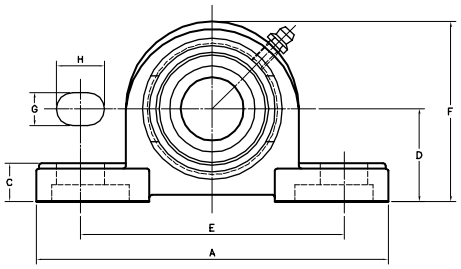
UCPX	Set Screw	Pillow Block	UCPX	VPS-3	P2B-SCM	YASM	UCPX	PB350	-	UCPX	UCPX	MP	SYM..TF
UCPXL	Set Screw	Pillow Block	-	-	P2B-SCM	YASM	-	PB350	-	-	-	-	SYM..TF
UCFLX	Set Screw	2-Bolt Flg	UCFLX	VF2S-3	F2B-SCM	YCJTM	UCFLX	-	-	UCFLX	UCFTX	MSFT	FYTM..TF
UCFX	Set Screw	4-Bolt Flg	UCFX	VF4S-3	F4B-SCM	YCJM	UCFX	FB350	-	UCFX	UCFX	MSF	FYM..TF
UCFCX	Set Screw	4-Blt Piloted Flg	UCFCSX	VFCS-3	FC-SCM	-	UCFCX..E	FC350	-	-	-	MFC	-
WSX	Set Screw	Wide Slot Take-Up	UCTX	VTWS-3	WSTU-SCM	YTUM	UCTX..E	-	-	UCTX	-	MST	TUM..TF
UCP300	Set Screw	Pillow Block	UCP300	-	-	-	UCP300	-	-	UCP300	-	-	-
UCF300	Set Screw	4-Bolt Flg	UCF300	-	-	-	UCF300	-	-	UCF300	-	-	-

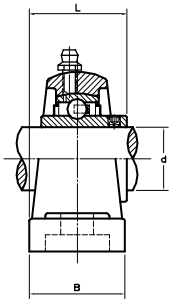
Pillow Block

UCP 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
High Center Height
Metric and Inch Bores
Solid Base Optional







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
UCP204 x 20MM UCP204 x 3/4	20	 3/4	127 5.00	38 1.50	14 0.55	33.3 1.312	95 3.75	65 2.56	13 0.51	19 0.75	37.3 1.47	UC204 x 20MM UC204 x 3/4	P204 P204SB*	0.6
UCP205 x 25MM UCP205 x 7/8 UCP205 x 15/16 UCP205 x 1	25	 7/8 15/16 1	140 5.51	38 1.50	15 0.59	36.5 1.437	105 4.13	71 2.80	13 0.51	19 0.75	38.8 1.53	UC205 x 25MM UC205 x 7/8 UC205 x 15/16 UC205 x 1	P205 P205SB*	0.8
UCP206 x 30MM UCP206 x 1-1/8 UCP206 x 1-3/16 UCP206 x 1-1/4	30	 1-1/8 1-3/16 1-1/4	165 6.50	48 1.89	17 0.67	42.9 1.687	121 4.76	83 3.27	17 0.67	21 0.83	46.2 1.82	UC206 x 30MM UC206 x 1-1/8 UC206 x 1-3/16 UC206 x 1-1/4	P206 P206SB*	1.3
UCP207 x 35MM UCP207 x 1-1/4 UCP207 x 1-3/8 UCP207 x 1-7/16	35	 1-1/4 1-3/8 1-7/16	167 6.57	48 1.89	18 0.71	47.6 1.875	127 5.00	93 3.66	17 0.67	21 0.83	49.4 1.94	UC207 x 35MM UC207 x 1-1/4 UC207 x 1-3/8 UC207 x 1-7/16	P207 P207SB*	1.7
UCP208 x 40MM UCP208 x 1-1/2	40	 1-1/2	184 7.24	54 2.13	18 0.71	49.2 1.937	137 5.39	98 3.86	17 0.67	21 0.83	57.2 2.25	UC208 x 40MM UC208 x 1-1/2	P208 P208SB*	2.2
UCP209 x 45MM UCP209 x 1-5/8 UCP209 x 1-11/16 UCP209 x 1-3/4	45	 1-5/8 1-11/16 1-3/4	190 7.48	54 2.13	20 0.79	54 2.125	146 5.75	106 4.17	17 0.67	21 0.83	57.2 2.25	UC209 x 45MM UC209 x 1-5/8 UC209 x 1-11/16 UC209 x 1-3/4	P209 P209SB*	2.4
UCP210 x 50MM UCP210 x 1-7/8 UCP210 x 1-15/16 UCP210 x 2	50	 1-7/8 1-15/16 2	206 8.11	60 2.37	21 0.83	57.2 2.250	159 6.26	114 4.49	20 0.79	25 0.98	62.6 2.46	UC210 x 50MM UC210 x 1-7/8 UC210 x 1-15/16 UC210 x 2	P210 P210SB*	3.0
UCP211 x 55MM UCP211 x 2 UCP211 x 2-1/8 UCP211 x 2-3/16	55	 2 2-1/8 2-3/16	219 8.62	60 2.37	23 0.91	63.5 2.500	171 6.73	126 4.96	20 0.79	25 0.98	63.4 2.50	UC211 x 55MM UC211 x 2 UC211 x 2-1/8 UC211 x 2-3/16	P211 P211SB*	3.9
UCP212 x 60MM UCP212 x 2-1/4 UCP212 x 2-3/8 UCP212 x 2-7/16	60	 2-1/4 2-3/8 2-7/16	241 9.49	70 2.76	25 0.98	69.8 2.750	184 7.24	138 5.43	20 0.79	25 0.98	74.7 2.49	UC212 x 60MM UC212 x 2-1/4 UC212 x 2-3/8 UC212 x 2-7/16	P212 P212SB*	5.5
UCP213 x 65MM UCP213 x 2-1/2	65	 2-1/2	264 10.39	70 2.76	27 1.06	76.2 3.000	203 7.99	151 5.94	25 0.98	29 1.14	74.7 2.94	UC213 x 65MM UC213 x 2-1/2	P213	5.7
UCP214 x 70MM UCP214 x 2-11/16 UCP214 x 2-3/4	70	 2-11/16 2-3/4	266 10.47	72 2.84	27 1.06	79.4 3.125	210 8.27	156 6.14	25 0.98	31 1.22	80.4 3.17	UC214 x 70MM UC214 x 2-11/16 UC214 x 2-3/4	P214 P214SB*	7.1
UCP215 x 75MM UCP215 x 2-7/8 UCP215 x 2-15/16 UCP215 x 3	75	 2-7/8 2-15/16 3	275 10.83	74 2.91	28 1.10	82.6 3.250	217 8.54	163 6.42	25 0.98	31 1.22	81.5 3.21	UC215 x 75MM UC215 x 2-7/8 UC215 x 2-15/16 UC215 x 3	P215 P215SB*	7.9
UCP216 x 80MM UCP216 x 3-1/8	80	 3-1/8	292 11.50	78 3.07	30 1.18	88.9 3.500	232 9.13	175 6.89	25 0.98	31 1.22	88.3 3.46	UC216 x 80MM UC216 x 3-1/8	P216	10.0
UCP217 x 85MM UCP217 x 3-1/4	85	 3-1/4	310 12.20	83 3.27	32 1.26	95.2 3.750	247 9.72	187 7.36	25 0.98	31 1.22	93.1 3.67	UC217 x 85MM UC217 x 3-1/4	P217	12.2
UCP218 x 90MM UCP218 x 3-1/2	90	 3-1/2	327 12.87	88 3.46	33 1.30	101.6 4.000	262 10.31	200 7.87	27 1.06	33 1.30	100.3 3.95	UC218 x 90MM UC218 x 3-1/2	P218	14.7

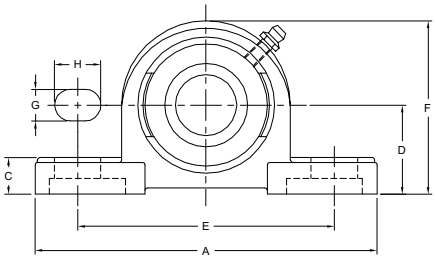
Note: Eccentric and Adapter Lock Bearings also available from stock. * Solid Base also in Stock. Specify, i.e.,UCP210 x 2SB

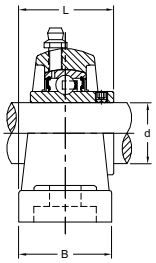
Pillow Block

UCP 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
High Center Height
Metric and Inch Bores
Solid Base Optional







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
UCP201-12MM UCP202-15MM UCP203-17MM UCP201-8 UCP202-10 UCP203-11	12 15 17 	 1/2 5/8 11/16	127 5.00 	36 1.42 	13 0.51 	30.2 1.187 	96 3.78 	60 2.36 	13 0.51 	19 0.75 	36.3 1.44 	UC201-12MM UC202-15MM UC203-17MM UC201-8 UC202-10 UC203-11	P203	0.6
UCP204-20MM UCP204-12	20 	 3/4	127 5.00	38 1.50	14 0.55	33.3 1.312	95 3.75	65 2.56	13 0.51	19 0.75	37.3 1.47	UC204-20MM UC204-12	P204 P204SB*	0.6
UCP205-25MM UCP205-14 UCP205-15 UCP205-16	25 	 7/8 15/16 1	140 5.51 	38 1.50 	15 0.63 	36.5 1.437 	105 4.13 	71 2.80 	13 0.51 	19 0.75 	38.8 1.53 	UC205-25MM UC205-14 UC205-15 UC205-16	P205 P205SB*	0.8
UCP206-30MM UCP206-18 UCP206-19 UCP206-20	30 	 1-1/8 1-3/16 1-1/4	165 6.50 	48 1.89 	17 0.67 	42.9 1.687 	121 4.76 	83 3.27 	17 0.67 	21 0.83 	46.2 1.82 	UC206-30MM UC206-18 UC206-19 UC206-20	P206 P206SB*	1.3
UCP207-35MM UCP207-20 UCP207-22 UCP207-23	35 	 1-1/4 1-3/8 1-7/16	167 6.57 	48 1.89 	18 0.71 	47.6 1.875 	127 5.00 	93 3.66 	17 0.67 	21 0.83 	49.4 1.94 	UC207-35MM UC207-20 UC207-22 UC207-23	P207 P207SB*	1.7
UCP208-40MM UCP208-24	40 	 1-1/2	184 7.24	54 2.13	18 0.71	49.2 1.937	137 5.39	98 3.86	17 0.67	21 0.83	57.2 2.25	UC208-40MM UC208-24	P208 P208SB*	2.2
UCP209-45MM UCP209-26 UCP209-27 UCP209-28	45 	 1-5/8 1-11/16 1-3/4	190 7.48 	54 2.13 	20 0.79 	54 2.125 	146 5.75 	106 4.17 	17 0.67 	21 0.83 	57.2 2.25 	UC209-45MM UC209-26 UC209-27 UC209-28	P209 P209SB*	2.4
UCP210-50MM UCP210-30 UCP210-31 UCP210-32	50 	 1-7/8 1-15/16 2	206 8.11 	60 2.37 	21 0.83 	57.2 2.250 	159 6.26 	114 4.49 	20 0.79 	25 0.98 	62.6 2.46 	UC210-50MM UC210-30 UC210-31 UC210-32	P210 P210SB*	3.0
UCP211-55MM UCP211-32 UCP211-34 UCP211-35	55 	 2 2-1/8 2-3/16	219 8.62 	60 2.37 	23 0.91 	63.5 2.500 	171 6.73 	126 4.96 	20 0.79 	25 0.98 	63.4 2.50 	UC211-55MM UC211-32 UC211-34 UC211-35	P211 P211SB*	3.9
UCP212-60MM UCP212-36 UCP212-38 UCP212-39	60 	 2-1/4 2-3/8 2-7/16	241 9.49 	70 2.76 	25 0.98 	69.8 2.750 	184 7.24 	138 5.43 	20 0.79 	25 0.98 	74.7 2.49 	UC212-60MM UC212-36 UC212-38 UC212-39	P212 P212SB*	5.5
UCP213-65MM UCP213-40	65 	 2-1/2	264 10.39	70 2.76	27 1.06	76.2 3.000	203 7.99	151 5.94	25 0.98	29 1.14	74.7 2.94	UC213-65MM UC213-40	P213	5.7
UCP214-70MM UCP214-43 UCP214-44	70 	 2-11/16 2-3/4	266 10.47 	72 2.84 	27 1.06 	79.4 3.125 	210 8.27 	157 6.18 	25 0.98 	31 1.22 	80.4 3.17 	UC214-70MM UC214-43 UC214-44	P214 P214SB*	7.1
UCP215-75MM UCP215-46 UCP215-47 UCP215-48	75 	 2-7/8 2-15/16 3	275 10.83 	74 2.91 	28 1.10 	82.6 3.250 	217 8.54 	163 6.42 	25 0.98 	31 1.22 	81.5 3.21 	UC215-75MM UC215-46 UC215-47 UC215-48	P215 P215SB*	7.9
UCP216-80MM UCP216-50	80 	 3-1/8	292 11.50	78 3.07	30 1.18	88.9 3.500	232 9.13	175 6.89	25 0.98	31 1.22	88.3 3.46	UC216-80MM UC216-50	P216	10.0
UCP217-85MM UCP217-52	85 	 3-1/4	310 12.20	83 3.27	32 1.26	95.2 3.750	247 9.72	187 7.36	25 0.98	31 1.22	93.1 3.67	UC217-85MM UC217-52	P217	12.2
UCP218-90MM UCP218-56	90 	 3-1/2	327 12.87	88 3.46	33 1.30	101.6 4.000	262 10.31	200 7.87	27 1.06	33 1.30	100.3 3.95	UC218-90MM UC218-56	P218	14.7

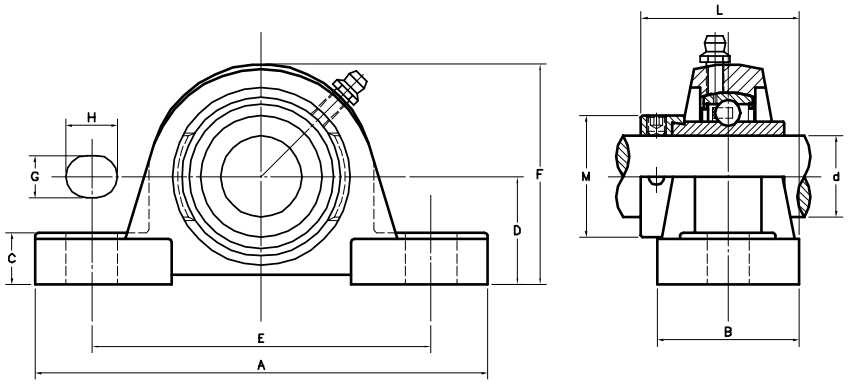
Note: Eccentric and Adapter Lock Bearings also available from stock. * Solid Base also in stock. Specify, i.e., UCP210-32SB

Pillow Block

RAK 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores





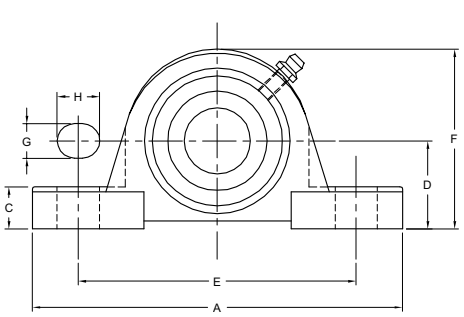
Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	M			
RAK204 x 20AMM	20		133	41	14.3	31.75	98	63.5	13	16	47.1	33.3	HC204 x 20MM	RAK20	0.6
RAK204 x 3/4A		3/4	5.25	1.61	0.56	1.250	3.86	2.5	0.51	0.63	1.85	1.31	HC204 x 3/4		
RAK205 x 25AMM	25		140	44	16	33.34	105	68.3	13	16	48.9	38.1	HC205 x 25MM	RAK25	0.8
RAK205 x 7/8A		7/8	5.51	1.73	0.35	1.312	4.13	2.69	0.51	0.63	1.93	1.50	HC205 x 7/8		
RAK205 x 15/16A		15/16											HC205 x 15/16		
RAK205 x 1A		1											HC205 x 1		
RAK206 x 30AMM	30		160	48	17	39.69	121	81.0	13	19	54.1	44.45	HC206 x 30MM	RAK30	1.3
RAK206 x 1-1/8A		1-1/8	6.30	1.89	0.67	1.562	4.76	3.19	0.51	0.75	2.13	1.75	HC206 x 1-1/8		
RAK206 x 1-3/16A		1-3/16											HC206 x 1-3/16		
RAK206 x 1-1/4A		1-1/4											HC206 x 1-1/4		
RAK207 x 35AMM	35		167	48	19	46.04	127	92.1	15	19	56.3	55.58	HC207 x 35MM	RAK35	1.7
RAK207 x 1-1/4A		1-1/4	6.57	1.89	0.75	1.812	5.0	3.63	0.59	0.75	2.22	2.19	HC207 x 1-1/4		
RAK207 x 1-3/8A		1-3/8											HC207 x 1-3/8		
RAK207 x 1-7/16A		1-7/16											HC207 x 1-7/16		
RAK208 x 40AMM	40		181	54	19	49.21	140	100.0	15	19	61.9	60.3	HC208 x 40MM	RAK40	2.2
RAK208 x 1-1/2A		1-1/2	7.13	2.13	0.75	1.937	5.51	3.94	0.59	0.75	2.44	2.37	HC208 x 1-1/2		
RAK209 x 45AMM	45		190	54	21	52.39	146	104.8	15	19	61.9	63.5	HC209 x 45MM	RAK45	2.4
RAK209 x 1-5/8A		1- 5/8	7.48	2.13	0.83	2.062	5.75	4.13	0.59	0.75	2.44	2.50	HC209 x 1-5/8		
RAK209 x 1-11/16A		1-11/16											HC209 x 1-11/16		
RAK209 x 1-3/4A		1-3/4											HC209 x 1-3/4		
RAK210 x 50AMM	50		203	57	22	55.56	159	112.7	15	19	66.6	69.85	HC210 x 50MM	RAK50	3.0
RAK210 x 1-7/8A		1-7/8	7.99	2.24	0.87	2.187	6.25	4.44	0.59	0.75	2.62	2.75	HC210 x 1-7/8		
RAK210 x 1-15/16A		1-15/16											HC210 x 1-15/16		
RAK210 x 2A		2											HC210 x 2		
RAK211 x 55AMM	55		232	60	25	61.91	181	125.4	20	24	73.6	76.2	HC211 x 55MM	RAK55	3.9
RAK211 x 2A		2	9.13	2.36	0.98	2.437	7.13	4.94	0.79	0.94	2.90	3.0	HC211 x 2		
RAK211 x 2-1/8A		2-1/8											HC211 x 2-1/8		
RAK211 x 2-3/16A		2-3/16											HC211 x 2-3/16		
RAK212 x 60AMM	60		241	64	29	68.26	191	138.1	20	24	78.8	84.12	HC212 x 60MM	RAK60	5.5
RAK212 x 2-1/4A		2-1/4	9.49	2.52	1.14	2.687	7.52	5.44	0.79	0.94	3.10	3.31	HC212 x 2-1/4		
RAK212 x 2-3/8A		2-3/8											HC212 x 2-3/8		
RAK212 x 2-7/16A		2-7/16											HC212 x 2-7/16		
RAK213 x 65AMM	65		248	70	27	68.3	194	141	20	29	86.6	96	HC213 x 65MM	RAK213	6.9
RAK213 x 2-1/2A		2-1/2	9.76	2.76	1.06	2.69	7.64	5.55	0.79	1.14	3.41	3.78	HC213 x 2-1/2		
RAK214 x 70AMM	70		294	72	29	82.6	232	160	20	32	87.6	96	HC214 x 70MM	RAK214	7.5
RAK214 x 2-11/16A		2-11/16	11.57	2.83	1.14	3.25	9.13	6.30	0.79	1.26	3.45	3.78	HC214 x 2-11/16		
RAK214 x 2-3/4A		2-3/4											HC214 x 2-3/4		
RAK215 x 75AMM	75		304	74	32	84.1	241	165	22	32	91.8	100	HC215 x 75MM	RAK215	8.3
RAK215 x 2-15/16A		2-15/16	11.97	2.91	1.26	3.31	9.49	6.50	0.87	1.26	3.61	3.94	HC215 x 2-15/16		
RAK215 x 3A		3											HC215 x 3		

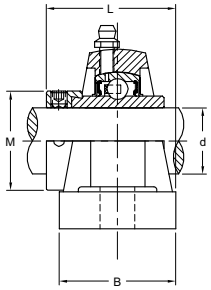
Note: Set Screw and Adapter Lock Bearings also available from stock.

Pillow Block

RAK 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	M			
RAK201-12AMM	12		133	41	14.3	31.75	98	63.5	13	16	47.1	33.3	HC201-12MM		
RAK202-15AMM	15												HC202-15MM		
RAK203-17AMM	17												HC203-17MM	RAK20	0.6
RAK201-8A		1/2	5.25	1.61	0.56	1.250	3.86	2.5	0.51	0.63	1.85	1.31	HC201-8		
RAK202-10A		5/8											HC202-10		
RAK203-11A		11-16											HC203-11		
RAK204-20AMM	20		133	41	14.3	31.75	98	63.5	13	16	47.1	33.3	HC204-20MM	RAK20	0.6
RAK204-12A		3/4	5.25	1.61	0.56	1.250	3.86	2.5	0.51	0.63	1.85	1.31	HC204-12		
RAK205-25AMM	25		140	44	16	33.34	105	68.3	13	16	48.9	38.1	HC205-25MM		
RAK205-14A		7/8	5.51	1.73	0.35	1.312	4.13	2.69	0.51	0.63	1.93	1.50	HC205-14	RAK25	0.8
RAK205-15A		15/16											HC205-15		
RAK205-16A		1											HC205-16		
RAK206-30AMM	30		160	48	17	39.69	121	81.0	13	19	54.1	44.45	HC206-30MM		
RAK206-18A		1-1/8	6.30	1.89	0.67	1.562	4.76	3.19	0.51	0.75	2.13	1.75	HC206-18	RAK30	1.3
RAK206-19A		1-3/16											HC206-19		
RAK206-20A		1-1/4											HC206-20		
RAK207-35AMM	35		167	48	19	46.04	127	92.1	15	19	56.3	55.58	HC207-35MM		
RAK207-20A		1-1/4	6.57	1.89	0.75	1.812	5.0	3.63	0.59	0.75	2.22	2.19	HC207-20	RAK35	1.7
RAK207-22A		1-3/8											HC207-22		
RAK207-23A		1-7/16											HC207-23		
RAK208-40AMM	40		181	54	19	49.21	140	100.0	15	19	61.9	60.3	HC208-40MM	RAK40	2.2
RAK208-24A		1-1/2	7.13	2.13	0.75	1.937	5.51	3.94	0.59	0.75	2.44	2.37	HC208-24		
RAK209-45AMM	45		190	54	21	52.39	146	104.8	15	19	61.9	63.5	HC209-45MM		
RAK209-26A		1-5/8	7.48	2.13	0.83	2.062	5.75	4.13	0.59	0.75	2.44	2.50	HC209-26	RAK45	2.4
RAK209-27A		1-11/16											HC209-27		
RAK209-28A		1-3/4											HC209-28		
RAK210-50AMM	50		203	57	22	55.56	159	112.7	15	19	66.6	69.85	HC210-50MM		3.0
RAK210-30A		1-7/8	7.99	2.24	0.87	2.187	6.25	4.44	0.59	0.75	2.62	2.75	HC210-30	RAK50	
RAK210-31A		1-15/16											HC210-31		
RAK210-32A		2											HC210-32		
RAK211-55AMM	55		232	60	25	61.91	181	125.4	20	24	73.6	76.2	HC211-55MM		
RAK211-32A		2	9.13	2.36	0.98	2.437	7.13	4.94	0.79	0.94	2.90	3.0	HC211-32	RAK55	3.9
RAK211-34A		2-1/8											HC211-34		
RAK211-35A		2-3/16											HC211-35		
RAK212-60AMM	60		241	64	29	68.26	191	138.1	20	24	78.8	84.12	HC212-60MM		
RAK212-36A		2-1/4	9.49	2.52	1.14	2.687	7.52	5.44	0.79	0.94	3.10	3.31	HC212-36	RAK60	5.5
RAK212-38A		2-3/8											HC212-38		
RAK212-39A		2-7/16											HC212-39		
RAK213-65AMM	65		248	70	27	68.3	194	141	20	29	86.6	86	HC213-65MM	RAK213	6.9
RAK213-40A		2-1/2	9.76	2.76	1.06	2.69	7.64	5.55	0.79	1.14	3.41	3.39	HC213-40		
RAK214-70AMM	70		294	72	29	82.6	232	160	20	32	87.6	90	HC214-70MM		
RAK214-43A		2-11/16	44.57	2.83	1.14	3.25	9.13	6.30	0.79	1.26	3.45	3.54	HC214-43	RAK214	7.5
RAK214-44A		2-3/4											HC214-44		
RAK215-75AMM	75		304	74	32	84.1	241	165	22	32	91.8	102	HC215-75MM		
RAK215-47A		2-15/16	11.97	2.91	1.26	3.31	9.49	6.50	0.87	1.26	3.61	4.02	HC215-47	RAK215	8.3
RAK215-48A		3											HC215-48		

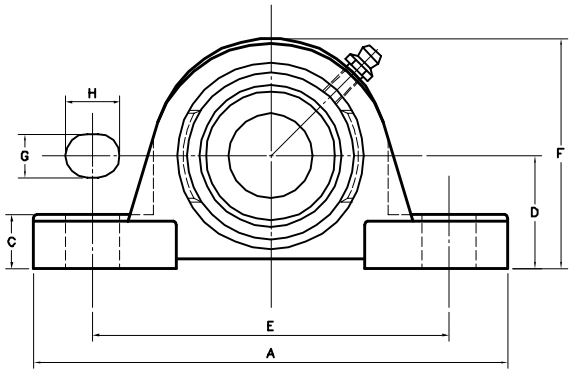
Note: Set Screw and Adapter Lock Bearings also available from stock.

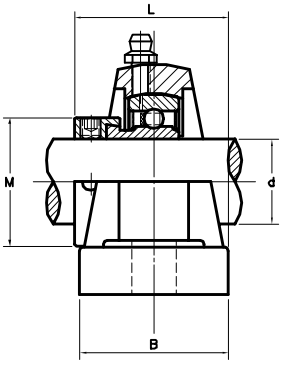
Pillow Block

VAK 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	M			
VAK201 x 12MM	12		120	35	12.7	27	89	54	13	16	40.1	28.6	SA201 x 12MM		
VAK202 x 15MM	15												SA202 x 15MM		
VAK203 x 17MM	17												SA203 x 17MM	RAK203	0.5
VAK201 x 1/2		1/2	4.72	1.38	0.5	1.062	3.5	2.13	0.51	0.63	1.58	1.13	SA201 x 1/2		
VAK202 x 5/8		5/8											SA202 x 5/8		
VAK203 x 11/16		11/16											SA203 x 11/16		
VAK204 x 20MM	20		133	41	14.9	31.75	98	63.5	13	16	44.5	33.3	SA204 x 20MM	RAK20	0.6
VAK204 x 3/4		3/4	5.25	1.61	0.56	1.250	3.86	2.50	0.51	0.63	1.75	1.31	SA204 x 3/4		
VAK205 x 25MM	25		140	44	16	33.34	105	68.3	13	16	45.5	38.1	SA205 x 25MM		
VAK205 x 7/8		7/8	5.50	1.73	0.63	1.312	4.13	2.69	0.51	0.63	1.79	1.50	SA205 x 7/8	RAK25	0.8
VAK205 x 15/16		15/16											SA205 x 15/16		
VAK205 x 1		1											SA205 x 1		
VAK206 x 30MM	30		160	48	17	39.69	121	81.0	13	19	51.7	44.45	SA206 x 30MM		
VAK206 x 1-1/8		1-1/8	6.30	1.89	0.67	1.562	4.75	3.19	0.51	0.75	2.04	1.75	SA206 x 1-1/8	RAK30	1.2
VAK206 x 1-3/16		1-3/16											SA206 x 1-3/16		
VAK206 x 1-1/4		1-1/4											SA206 x 1-1/4		
VAK207 x 35MM	35		167	48	19	46.04	127	92.1	15	19	54.4	55.58	SA207 x 35MM		
VAK207 x 1-1/4		1-1/4	6.57	1.89	0.75	1.812	5.00	3.63	0.60	0.75	2.14	2.19	SA207 x 1-1/4	RAK35	1.6
VAK207 x 1-3/8		1-3/8											SA207 x 1-3/8		
VAK207 x 1-7/16		1-7/16											SA207 x 1-7/16		
VAK208 x 40MM	40		181	54	19	49.21	140	100.0	15	19	61.7	60.3	SA208 x 40MM	RAK40	2.0
VAK208 x 1-1/2		1-1/2	7.13	2.13	0.75	1.937	5.50	3.94	0.60	0.75	2.43	2.37	SA208 x 1-1/2		
VAK209 x 45MM	45		190	54	21	52.39	146	104.8	15	19	61.2	63.5	SA209 x 45MM		
VAK209 x 1-5/8		1-5/8	7.50	2.13	0.83	2.062	5.75	4.13	0.60	0.75	2.41	2.50	SA209 x 1-5/8	RAK45	2.3
VAK209 x 1-11/16		1-11/16											SA209 x 1-11/16		
VAK209 x 1-3/4		1-3/4											SA209 x 1-3/4		
VAK210 x 50MM	50		203	57	22	55.56	159	112.7	20	24	62.2	69.85	SA210 x 50MM		
VAK210 x 1-7/8		1-7/8	8.00	2.24	0.87	2.187	6.25	4.44	0.60	0.75	2.45	2.75	SA210 x 1-7/8	RAK50	2.8
VAK210 x 1-15/16		1-15/16											SA210 x 1-15/16		
VAK210 x 2		2											SA210 x 2		
VAK211 x 55MM	55		232	60	25	61.9	181	125	21	24	67.9	76.2	SA211 x 55MM		
VAK211 x 2		2	9.13	2.36	0.98	2.437	7.13	4.92	0.83	0.94	2.67	3	SA211 x 2	RAK55	3.8
VAK211 x 2-1/8		2-1/8											SA211 x 2-1/8		
VAK211 x 2-3/16		2-3/16											SA211 x 2-3/16		
VAK212 x 60MM	60		241	64	29	68.3	191	136	20	24	74.1	84.2	SA212 x 60MM		
VAK212 x 2-1/4		2-1/4	9.49	2.52	1.14	2.687	7.52	5.35	0.79	0.94	2.92	3.31	SA212 x 2-1/4	RAK60	5.0
VAK212 x 2-3/8		2-3/8											SA212 x 2-3/8		
VAK212 x 2-7/16		2-7/16											SA212 x 2-7/16		

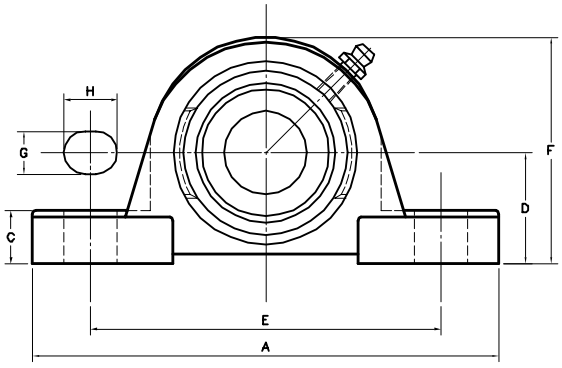
Note: Set Screw and Adapter Lock Bearings also available from stock.

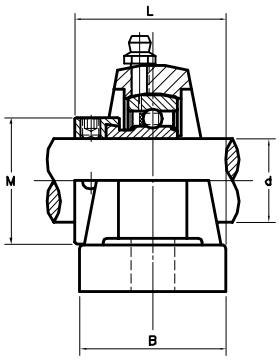
Pillow Block

VAK 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







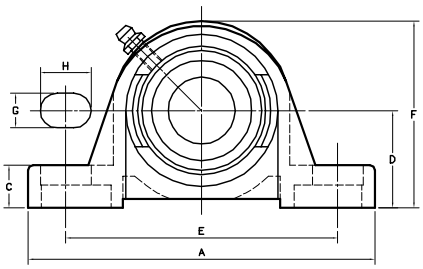
Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	M			
VAK201-12MM VAK202-15MM VAK203-17MM VAK201-8 VAK202-10 VAK203-11	12 15 17 	 1/2 5/8 11/16	120 4.72 	35 1.38 	12.7 0.5 	27 1.062 	89 3.5 	54 2.13 	13 0.51 	16 0.63 	40.1 1.58 	28.6 1.13 	SA201-12MM SA202-15MM SA203-17MM SA201-8 SA202-10 SA203-11	RAK203	0.5
VAK204-20MM VAK204-12	20 	 3/4	133 5.25	41 1.61	14.3 0.56	31.75 1.250	98 3.86	63.5 2.50	13 0.51	16 0.63	44.5 1.75	33.3 1.31	SA204-20MM SA204-12	RAK20	0.6
VAK205-25MM VAK205-14 VAK205-15 VAK205-16	25 	 7/8 15/16 1	140 5.50 	44 1.73 	16 0.63 	33.34 1.312 	105 4.13 	68.3 2.69 	13 0.51 	16 0.63 	45.5 1.79 	38.1 1.50 	SA205-25MM SA205-14 SA205-15 SA205-16	RAK25	0.8
VAK206-30MM VAK206-18 VAK206-19 VAK206-20	30 	 1-1/8 1-3/16 1-1/4	160 6.30 	48 1.89 	17 0.67 	39.69 1.562 	121 4.75 	81.0 3.19 	13 0.51 	19 0.75 	51.7 2.04 	44.45 1.75 	SA206-30MM SA206-18 SA206-19 SA206-20	RAK30	1.2
VAK207-35MM VAK207-20 VAK207-22 VAK207-23	35 	 1-1/4 1-3/8 1-7/16	167 6.57 	48 1.89 	19 0.75 	46.04 1.812 	127 5.00 	92.1 3.63 	15 0.60 	19 0.75 	54.4 2.14 	55.58 2.19 	SA207-35MM SA207-20 SA207-22 SA207-23	RAK35	1.6
VAK208-40MM VAK208-24	40 	 1-1/2	181 7.13	54 2.13	19 0.75	49.21 1.937	140 5.50	100.0 3.94	15 0.60	19 0.75	61.7 2.43	60.3 2.37	SA208-40MM SA208-24	RAK40	2.0
VAK209-45MM VAK209-26 VAK209-27 VAK209-28	45 	 1-5/8 1-11/16 1-3/4	190 7.50 	54 2.13 	21 0.83 	52.39 2.062 	146 5.75 	104.8 4.13 	15 0.60 	19 0.75 	61.2 2.41 	63.5 2.50 	SA209-45MM SA209-26 SA209-27 SA209-28	RAK45	2.3
VAK210-50MM VAK210-30 VAK210-31 VAK210-32	50 	 1-7/8 1-15/16 2	203 8 	57 2.24 	22 0.87 	55.56 2.187 	159 6.25 	112.7 4.44 	15 0.60 	19 0.75 	62.2 2.45 	69.85 2.75 	SA210-50MM SA210-30 SA210-31 SA210-32	RAK50	2.8
VAK211-55MM VAK211-32 VAK211-34 VAK211-35	55 	 2 2-1/8 2-3/16	232 9.13 	60 2.36 	25 0.98 	61.9 2.437 	181 7.13 	125 4.92 	20 0.79 	24 0.94 	67.9 2.67 	76.2 3 	SA211-55MM SA211-32 SA211-34 SA211-35	RAK55	3.8
VAK212-60MM VAK212-36 VAK212-38 VAK212-39	60 	 2-1/4 2-3/8 2-7/16	241 9.49 	64 2.52 	29 1.14 	68.3 2.687 	191 7.52 	136 5.35 	20 0.79 	24 0.94 	74.1 2.92 	84.2 3.31 	SA212-60MM SA212-36 SA212-38 SA212-39	RAK60	5.0

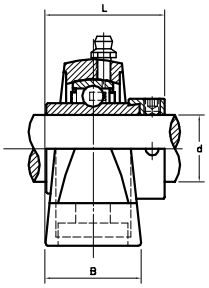
Note: Set Screw and Adapter Lock Bearings also available from stock.

Pillow Block

SW 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







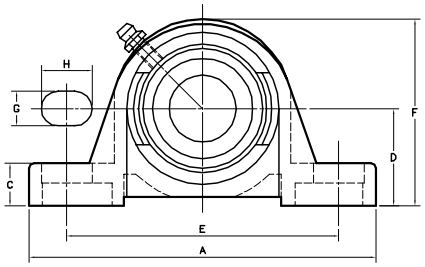
Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SW204 x 20AMM SW204 x 3/4A	20	 3/4	130 5.12	32 1.26	14.5 0.57	33.3 1.312	97.5 3.84	64 2.52	13 0.51	19 0.75	42.5 1.67	HC204 x 20MM HC204 x 3/4	SW204	0.6
SW205 x 25AMM SW205 x 7/8A SW205 x 15/16A SW205 x 1A	25	 7/8 15/16 1	130 5.12	36 1.42	14.5 0.57	36.5 1.437	102.0 4.02	70 2.76	13 0.51	19 0.75	45.0 1.77	HC205 x 25MM HC205 x 7/8 HC205 x 15/16 HC205 x 1	SW205	0.8
SW206 x 30AMM SW206 x 1-1/8A SW206 x 1-3/16A SW206 x 1-1/4A	30	 1-1/8 1-3/16 1-1/4	155 6.10	40 1.57	17.0 0.67	42.9 1.687	117.5 4.63	82 3.23	15 0.59	22 0.87	50.1 1.97	HC206 x 30MM HC206 x 1-1/8 HC206 x 1-3/16 HC206 x 1-1/4	SW206	1.3
SW207 x 35AMM SW207 x 1-1/4A SW207 x 1-3/8A SW207 x 1-7/16A	35	 1-1/4 1-3/8 1-7/16	160 6.30	45 1.77	19.0 0.75	47.6 1.875	126 4.96	93 3.66	16 0.63	21 0.83	54.8 2.16	HC207 x 35MM HC207 x 1-1/4 HC207 x 1-3/8 HC207 x 1-7/16	SW207	1.7
SW208 x 40AMM SW208 x 1-1/2A	40	 1-1/2	175 6.89	46 1.81	19.0 0.75	49.2 1.937	135.5 5.33	98 3.86	13.6 0.54	21 0.83	58.9 2.32	HC208 x 40MM HC208 x 1-1/2	SW208	2.2
SW209 x 45AMM SW209 x 1-5/8A SW209 x 1-11/16A SW209 x 1-3/4A	45	 1-5/8 1-11/16 1-3/4	190 7.48	48 1.89	22.0 0.87	54.0 2.125	147.0 5.79	104 4.09	14.7 0.58	26 1.02	58.9 2.32	HC209 x 45MM HC209 x 1-5/8 HC209 x 1-11/16 HC209 x 1-3/4	SW209	2.4
SW210 x 50AMM SW210 x 1-7/8A SW210 x 1-15/16A SW210 x 2A	50	 1-7/8 1-15/16 2	198 7.80	54 2.13	22.0 0.87	57.2 2.250	157 6.18	114 4.49	18.0 0.71	27 1.06	65.1 2.56	HC210 x 50MM HC210 x 1-7/8 HC210 x 1-15/16 HC210 x 2	SW210	3.0
SW211 x 55AMM SW211 x 2A SW211 x 2-1/8A SW211 x 2-3/16A	55	 2 2-1/8 2-3/16	219 8.62	60 2.36	23.0 0.91	63.5 2.500	164 6.46	126.5 4.98	19.0 0.75	28 1.10	73.7 2.90	HC211 x 55MM HC211 x 2 HC211 x 2-1/8 HC211 x 2-3/16	SW211	3.9
SW212 x 60AMM SW212 x 2-1/4A SW212 x 2-3/8A SW212 x 2-7/16A	60	 2-1/4 2-3/8 2-7/16	240 9.45	60 2.36	25.0 0.98	69.8 2.750	184 7.24	140 5.51	18.0 0.71	32 1.26	76.8 3.02	HC212 x 60MM HC212 x 2-1/4 HC212 x 2-3/8 HC212 x 2-7/16	SW212	5.5
SW213 x 65AMM SW213 x 2-1/2A	65	 2-1/2	265 10.43	70 2.76	27.0 1.06	76.2 3.000	202 7.95	151 5.94	25.0 0.98	29.5 1.16	79.6 3.13	HC213 x 65MM HC213 x 2-1/2	SW213	5.9
SW214 x 70AMM SW214 x 2-11/16A	70	 2-11/16	266 10.47	70 2.76	27.0 1.06	79.4 3.125	210 8.27	157 6.18	25.0 0.98	30 1.18	79.6 3.13	HC214 x 70MM HC214 x 2-11/16	SW214	7.2
SW215 x 75AMM SW215 x 2-15/16A	75	 2-15/16	275 10.83	74 2.91	28.0 1.10	82.6 3.250	217.0 8.54	163 6.42	25.0 .98	30 1.18	91.4 3.60	HC215 x 75MM HC215 x 2-15/16	SW215	7.8
SW216 x 80AMM	80	 —	292 11.50	78 3.07	30.0 1.18	88.9 3.500	232.0 9.13	175 6.89	25.0 .98	30 1.18	98.6 3.88	HC216 x 80MM	SW216	9.0
SW217 x 85AMM	85	 —	310 12.2	83 3.27	32 1.25	95.2 3.750	247 9.72	187 7.4	25 1.0	30 1.18	100.0 3.94	HC217 x 85MM	SW217	12.2
SW218 x 90AMM	90	 —	327 12.9	88 3.46	33 1.3	101.6 4.000	262 10.3	200 7.9	27 1.06	36 1.42	106.7 4.20	HC218 x 90MM	SW218	14.0
SW220 x 100AMM	100	 —	380 14.9	95 3.75	40 1.6	115.0 4.500	296 11.05	225 8.9	30 1.2	55 2.17	97.0 3.82	HC220 x 100MM	SW220	16.0
SW224 x 120AMM	120	 —	440 17.3	105 4.13	45 1.7	135.0 5.312	348 13.7	265 10.4	33 1.3	60 2.36	105.0 4.13	HC224 x 120MM	SW224	26.0

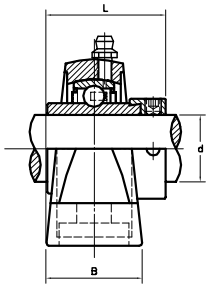
Note: Set Screw and Adapter Lock Bearings also available from stock.

Pillow Block

SW 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SW204-20AMM SW204-12A	20	 3/4	130 5.12	32 1.26	14.5 0.57	33.3 1.312	97.5 3.84	64 2.52	11.5 0.45	19 0.75	42.5 1.67	HC204-20MM HC204-12	SW204	0.6
SW205-25AMM SW205-14A SW205-15A SW205-16A	25	 7/8 15/16 1	130 5.12	36 1.42	14.5 0.57	36.5 1.437	102.0 4.02	70 2.76	11.5 0.45	19 0.75	45.0 1.77	HC205-25MM HC205-14 HC205-15 HC205-16	SW205	0.8
SW206-30AMM SW206-18A SW206-19A SW206-20A	30	 1-1/8 1-3/16 1-1/4	155 6.10	40 1.57	17.0 0.67	42.9 1.687	117.5 4.63	82 3.23	15 0.59	22 0.87	50.1 1.97	HC206-30MM HC206-18 HC206-19 HC206-20	SW206	1.3
SW207-35AMM SW207-20A SW207-22A SW207-23A	35	 1-1/4 1-3/8 1-7/16	160 6.30	45 1.77	19.0 0.75	47.6 1.875	126 4.96	93 3.66	16 0.63	21 0.83	54.8 2.16	HC207-35MM HC207-20 HC207-22 HC207-23	SW207	1.7
SW208-40AMM SW208-24A	40	 1-1/2	175 6.89	46 1.81	19.0 0.75	49.2 1.937	135.5 5.33	98 3.86	13.6 0.54	21 0.83	58.9 2.32	HC208-40MM HC208-24	SW208	2.2
SW209-45AMM SW209-26A SW209-27A SW209-28A	45	 1-5/8 1-11/16 1-3/4	190 7.48	48 1.89	22.0 0.87	54.0 2.125	147.0 5.79	104 4.09	14.7 0.58	26 1.02	58.9 2.32	HC209-45MM HC209-26 HC209-27 HC209-28	SW209	2.4
SW210-50AMM SW210-30A SW210-31A SW210-32A	50	 1-7/8 1-15/16 2	198 7.80	54 2.13	22.0 0.87	57.2 2.250	157 6.18	114 4.49	18.0 0.71	27 1.06	65.1 2.56	HC210-50MM HC210-30 HC210-31 HC210-32	SW210	3.0
SW211-55AMM SW211-32A SW211-34A SW211-35A	55	 2 2-1/8 2-3/16	219 8.62	60 2.36	23.0 0.91	63.5 2.500	164 6.46	126.5 4.98	19.0 0.75	28 1.10	73.7 2.90	HC211-55MM HC211-32 HC211-34 HC211-35	SW211	3.9
SW212-60AMM SW212-36A SW212-38A SW212-39A	60	 2-1/4 2-3/8 2-7/16	240 9.45	60 2.36	25.0 0.98	69.8 2.750	184 7.24	140 5.51	18.0 0.71	32 1.26	76.8 3.02	HC212-60MM HC212-36 HC212-38 HC212-39	SW212	5.5
SW213-65AMM SW213-40A	65	 2-1/2	265 10.43	70 2.76	27.0 1.06	76.2 3.000	202 7.95	151 5.94	25.0 0.98	29.5 1.16	86.6 3.41	HC213-65MM HC213-40	SW213	5.9
SW214 -70AMM SW214-43A SW214-44A	70	 2-11/16 2-3/4	266 10.47	70 2.76	27.0 1.06	79.4 3.125	210 8.27	157 6.18	25.0 0.98	30 1.18	86.6 3.41	HC214-70MM HC214-43 HC214-44	SW214	7.2
SW215-75AMM SW215-47A SW215-48A	75	 2-15/16 3	275 10.83	74 2.91	28.0 1.10	82.6 3.250	217.0 8.54	163 6.42	25.0 .98	30 1.18	91.4 3.60	HC215-75MM HC215-47 HC215-48	SW215	7.8
SW216-80AMM	80	—	292 11.50	78 3.07	30.0 1.18	88.9 3.500	232.0 9.13	175 6.89	25.0 .98	30 1.18	98.6 3.88	HC216-80MM	SW216	9.0
SW217-85AMM	85	—	310 12.2	83 3.27	32 1.25	95.2 3.750	247 9.72	187 7.4	25 1.0	30 1.18	100.0 3.94	HC217-85MM	SW217	12.2
SW218-90AMM SW218-56A	90	 3-1/2	327 12.9	88 3.46	33 1.3	101.6 4.000	262 10.3	200 7.9	27 1.06	36 1.42	106.7 4.20	HC218-90MM HC218-56	SW218	14.0
SW220-100AMM	100	—	380 14.9	95 3.75	40 1.6	115.0 4.500	296 11.05	225 8.9	30 1.2	55 2.17	97.0 3.82	HC220-100MM	SW220	16.0
SW224-120AMM	120	—	440 17.3	105 4.13	45 1.7	135.0 5.312	348 13.7	265 10.4	33 1.3	60 2.36	105.0 4.13	HC224-120MM	SW224	26.0

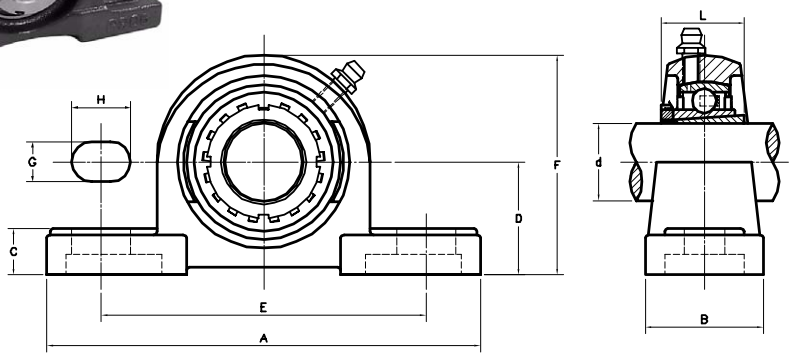
Note: Set Screw and Adapter Lock Bearings also available from stock.

Pillow Block

UKP 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Adapter Sleeve Lock
High Center Height
Metric and Inch Bores
Solid Base Optional





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Adapter Sleeve No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L				
UKP205-20MM	20		140	38	15	36.5	105	71	13	19	35	UK205	H2325 x 20MM	P205	0.8
UKP205-12		3/4	5.51	1.50	0.63	1.437	4.13	2.80	0.51	0.75	1.38		H2325 x 3/4	P205SB*	
UKP206-25MM	25		165	48	17	42.9	121	83	17	21	38	UK206	H2326 x 25MM	P206	1.3
UKP206-14		7/8	6.50	1.89	0.67	1.687	4.76	3.27	0.67	0.83	1.49		H2326 x 7/8	P206SB*	
UKP206-15		15/16											H2326 x 15/16		
UKP206-16		1											H2326 x 1		
UKP207-30MM	30		167	48	18	47.6	127	93	17	21	43	UK207	H2327 x 30MM	P207	1.7
UKP207-19		1-3/16	6.57	1.89	0.71	1.875	5.00	3.66	0.67	0.83	1.69		H2327 x 1-3/16	P207SB*	
UKP 208-35MM	35		184	54	18	49.2	137	98	17	23	46	UK208	H2328 x 35MM	P208	2.2
UKP208-20		1-1/4	7.24	2.13	0.71	1.937	5.39	3.86	0.67	0.91	1.81		H2328 x 1-1/4	P208SB*	
UKP208-22		1-3/8											H2328 x 1-3/8		
UKP209-40MM	40		190	54	20	54	146	106	17	23	50	UK209	H2329 x 40MM	P209	2.4
UKP209-23		1-7/16	7.48	2.13	0.79	2.125	5.75	4.17	0.67	0.91	1.97		H2329 x 1-7/16	P209SB*	
UKP209-24		1-1/2											H2329 x 1-1/2		
UKP210-45MM	45		206	60	21	57.2	159	114	20	25	55	UK210	H2310 x 45MM	P210	3.0
UKP210-27		1-11/16	8.11	2.37	0.83	2.250	6.26	4.49	0.79	0.98	2.17		H2310 x 1-11/16	P210SB*	
UKP210-28		1-3/4											H2310 x 1-3/4		
UKP211-50MM	50		219	60	23	63.5	171	126	20	25	59	UK211	H2311 x 50MM	P211	3.9
UKP211-30		1-7/8	8.62	2.37	0.91	2.500	6.73	4.96	0.79	0.98	2.32		H2311 x 1-7/8	P211SB*	
UKP211-31		1-15/16											H2311 x 1-15/16		
UKP211-32		2											H2311 x 2		
UKP212-55MM	55		241	70	25	69.8	184	138	20	25	62	UK212	H2312 x 55MM	P212	5.5
—		—	9.49	2.76	0.98	2.750	7.24	5.43	0.79	0.98	2.44		—	P212SB*	
UKP213-60MM	60		264	70	27	76.2	203	151	25	29	65	UK213	H2313 x 60MM	P213	5.7
UKP213-35		2-3/16	10.39	2.76	1.06	3.000	7.99	5.94	0.98	1.14	2.56		H2313 x 2-3/16	P213SB*	
UKP213-36		2-1/4											H2313 x 2-1/4		
UKP213-38		2-3/8											H2313 x 2-3/8		
UKP215-65MM	65		275	74	28	82.6	217	163	25	31	73	UK215	H2315 x 65MM	P215	7.9
UKP215-39		2-7/16	10.83	2.91	1.10	3.250	8.54	6.42	0.98	1.22	2.87		H2315 x 2-7/16	P215SB*	
UKP215-40		2-1/2											H2315 x 2-1/2		
UKP216-70MM	70		292	78	30	88.9	232	175	25	31	78	UK216	H2316 x 70MM	P216	10.0
UKP216-43		2-11/16	11.50	3.07	1.18	3.500	9.13	6.89	0.98	1.22	3.07		H2316 x 2-11/16		
UKP216-44		2-3/4											H2316 x 2-3/4		
UKP217-75MM	75		310	83	32	95.2	247	187	25	31	82	UK217	H2317 x 75MM	P217	12.2
UKP217-47		2-15/16	12.20	3.27	1.26	3.750	9.72	7.36	0.98	1.22	3.23		H2317 x 2-15/16		
UKP217-48		3											H2317 x 3		
UKP218-80MM	80		327	88	33	101.6	262	200	27	33	86	UK218	H2318 x 80MM	P218	14.7
UKP218-51		3-3/16	12.87	3.46	1.30	4.000	10.31	7.87	1.06	1.30	3.39		H2318 x 3-3/16		
UKP218-52		3-1/4											H2318 x 3-1/4		

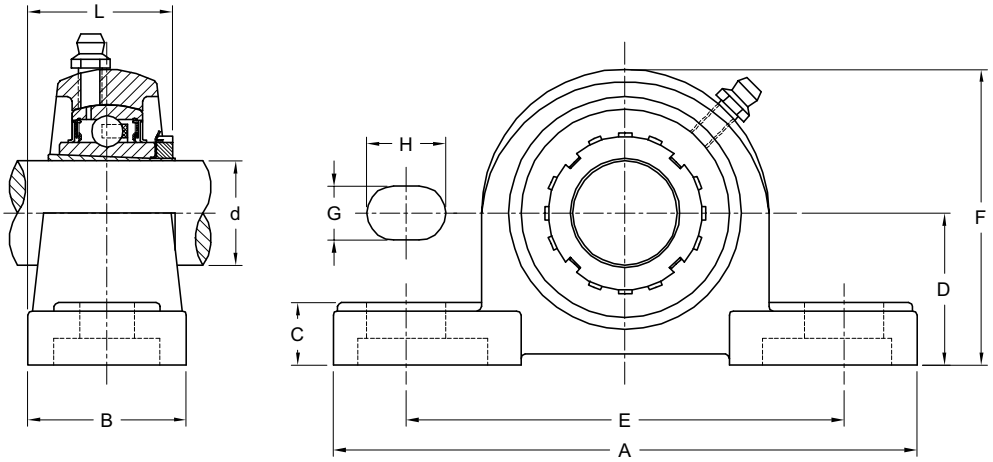
Note: Other housings can also be used. Shorter length through bore sizes available in H300 and SNW series adapters. See adapter section for dimensions. *SB indicates Solid Housing Base, available from stock.

Pillow Block

GSHP 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
High Center Height
Metric and Inch Bores
Solid Base Optional





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L				
GSHP204-20MM	20		127	38	14	33.3	95	65	13	19	31.9	GSH204	H204GSH-20MM	P 204	0.6
GSHP204-12		3/4	5.00	1.50	0.55	1.312	3.75	2.56	0.51	0.75	1.47		H204GSH-12	P204SB*	
GSHP205-25MM	25		140	38	15	36.5	105	71	13	19	36.0		H205GSH-25MM		
GSHP205-15		15/16	5.51	1.50	0.63	1.437	4.13	2.80	0.51	0.75	1.42	GSH205	H205GSH-15	P 205	0.8
GSHP205-16		1											H205GSH-16	P205SB*	
GSHP206-30MM	30		165	48	17	42.9	121	83	17	21	46.7	GSH206	H206GSH-30MM	P 206	1.3
GSHP206-19		1-3/16	6.50	1.89	0.67	1.687	4.76	3.27	0.67	0.83	1.84		H206GSH-19	P206SB*	
GSHP207-35MM	35		167	48	18	47.6	127	93	17	21	48.6		H207GSH-35MM		
GSHP207-20		1-1/4	6.57	1.89	0.71	1.875	5.00	3.66	0.67	0.83	1.91	GSH207	H207GSH-20	P 207	1.7
GSHP207-22		1-3/8											H207GSH-22	P207SB*	
GSHP208-40MM	40		184	54	18	49.2	137	98	17	21	54.9	GSH208	H208GSH-40MM	P 208	2.2
GSHP208-24		1-1/2	7.24	2.13	0.71	1.937	5.39	3.86	0.67	0.83	2.15		H208GSH-24	P208SB*	
GSHP209-45MM	45		190	54	20	54	146	106	17	21	56.4	GSH209	H209GSH-45MM	P 209	2.4
GSHP209-28		1-3/4	7.48	2.13	0.79	2.125	5.75	4.17	0.67	0.83	2.15		H209GSH-28	P209SB*	
GSHP210-50MM	50		206	60	21	57.2	159	114	20	25	56.4		H210GSH-50MM		
GSHP210-31		1-15/16	8.11	2.37	0.83	2.250	6.26	4.49	0.79	0.98	2.22	GSH210	H210GSH-31	P 210	3.0
GSHP210-32		2											H210GSH-32	P210SB*	

Note: * Solid Base also in stock. Specify, i.e., GSHP210-32SB

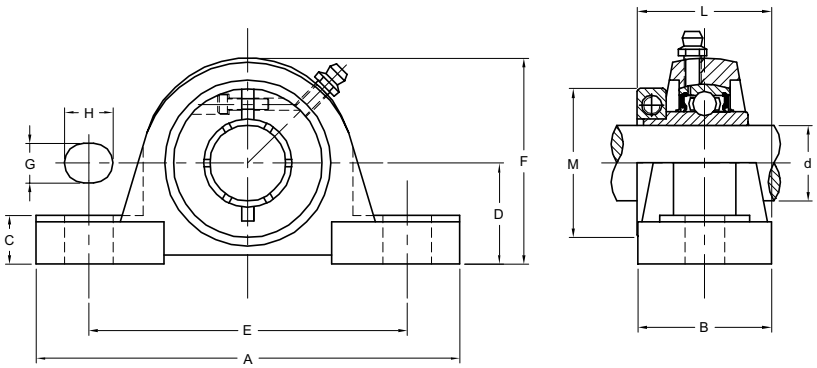
Pillow Block

CLRAK 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	M			
CLRAK 204-20MM	20		133	41	14.3	31.75	98	63.5	13	16	40.3	33.3	CL204-20MM	RAK204	0.6
CLRAK 204-12		3/4	5.25	1.61	0.56	1.250	3.86	2.5	0.51	0.63	1.59	1.31	CL204-12		
CLRAK 205-25MM	25		140	44	16	33.34	105	68.3	13	16	44.2	38.1	CL205-25MM	RAK205	0.8
CLRAK 205-14		7/8	5.51	1.73	0.35	1.312	4.13	2.69	0.51	0.63	1.74	1.50	CL205-14		
CLRAK 205-15		15/16											CL205-15		
CLRAK 205-16		1											CL205-16		
CLRAK 206-30MM	30		160	48	17	39.69	121	81.0	13	19	47.8	44.45	CL206-30MM	RAK206	1.3
CLRAK 206-18		1-1/8	6.30	1.89	0.67	1.562	4.76	3.19	0.51	0.75	1.88	1.75	CL206-18		
CLRAK 206-19		1-3/16											CL206-19		
CLRAK 206-20		1-1/4											CL206-20		
CLRAK 207-35MM	35		167	48	19	46.04	127	92.1	15	19	51.0	55.58	CL207-35MM	RAK207	1.7
CLRAK 207-20		1-1/4	6.57	1.89	0.75	1.812	5.0	3.63	0.59	0.75	2.01	2.19	CL207-20		
CLRAK 207-22		1-3/8											CL207-22		
CLRAK 207-23		1-7/16											CL207-23		
CLRAK 208-40MM	40		181	54	19	49.21	140	100.0	15	19	58.8	60.3	CL208-40MM	RAK208	2.2
CLRAK 208-24		1-1/2	7.13	2.13	0.75	1.937	5.51	3.94	0.59	0.75	2.32	2.37	CL208-24		
CLRAK 209-45MM	45		190	54	21	52.39	146	104.8	15	19	58.8	63.5	CL209-45MM	RAK209	2.4
CLRAK 209-26		1-5/8	7.48	2.13	0.83	2.062	5.75	4.13	0.59	0.75	2.32	2.50	CL209-26		
CLRAK 209-27		1-11/16											CL209-27		
CLRAK 209-28		1-3/4											CL209-28		
CLRAK 210-50MM	50		203	57	22	55.56	159	112.7	15	19	62.6	69.85	CL210-50MM	RAK210	3.0
CLRAK 210-30		1-7/8	7.99	2.24	0.87	2.187	6.25	4.44	0.59	0.75	2.46	2.75	CL210-30		
CLRAK 210-31		1-15/16											CL210-31		
CLRAK 210-32		2											CL210-32		
CLRAK 211-55MM	55		232	60	25	61.91	181	125.4	20	24	64.9	76.2	CL211-55MM	RAK211	3.9
CLRAK 211-32		2	9.13	2.36	0.98	2.437	7.13	4.94	0.79	0.94	2.55	3.0	CL211-32		
CLRAK 211-34		2-1/8											CL211-34		
CLRAK 211-35		2-3/16											CL211-35		
CLRAK 212-60MM	60		241	64	29	68.26	191	138.1	20	24	73.3	84.12	CL212-60MM	RAK212	5.5
CLRAK 212-36		2-1/4	9.49	2.52	1.14	2.687	7.52	5.44	0.79	0.94	2.88	3.31	CL212-36		
CLRAK 212-38		2-3/8											CL212-38		
CLRAK 212-39		2-7/16											CL212-39		

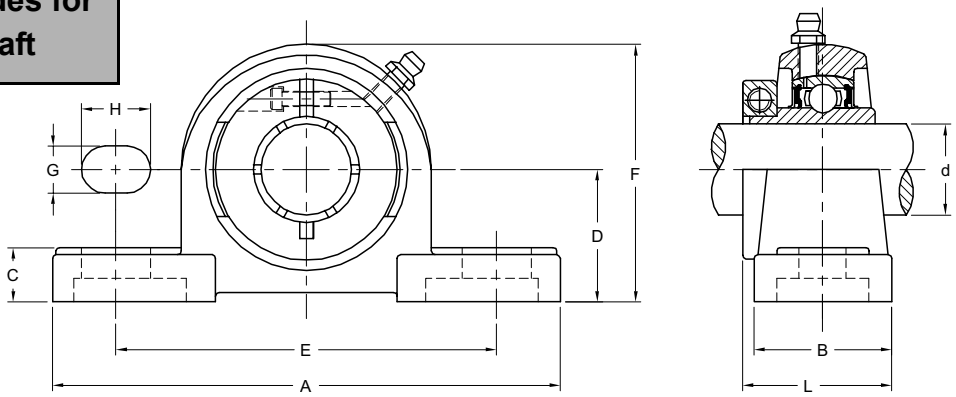
Pillow Block

CLP 200 Silver Series

- **Normal Duty Bearing**
- **Cast Iron Housing**
- **Concentric Collar Lock**
- **High Center Height**
- **Metric and Inch Bores**
- **Solid Base Optional**



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
CLP204-20MM	20		127	38	14	33.3	95	65	13	19	38.8	CL204-20MM	P 204	0.5
CLP204-12		3/4	5.00	1.50	0.55	1.312	3.75	2.56	0.51	0.75	1.53	CL204-12	P204SB*	
CLP205-25MM	25		140	38	15	36.5	105	71	13	19	41.2	CL205-25MM		
CLP205-14		7/8	5.51	1.50	0.63	1.437	4.13	2.80	0.51	0.75	1.62	CL205-14	P 205	0.7
CLP205-15		15/16										CL205-15	P205SB*	
CLP205-16		1										CL205-16		
CLP206-30MM	30		165	48	17	42.9	121	83	17	21	47.8	CL206-30MM		
CLP206-18		1-1/8	6.50	1.89	0.67	1.687	4.76	3.27	0.67	0.83	1.88	CL206-18	P 206	1.1
CLP206-19		1-3/16										CL206-19	P206SB*	
CLP206-20		1 1/4										CL206-20		
CLP207-35MM	35		167	48	18	47.6	127	93	17	21	51.0	CL207-35MM		
CLP207-20		1-1/4	6.57	1.89	0.71	1.875	5.00	3.66	0.67	0.83	2.01	CL207-20	P 207	1.3
CLP207-22		1-3/8										CL207-22	P207SB*	
CLP207-23		1- 7/16										CL207-23		
CLP208-40MM	40		184	54	18	49.2	137	98	17	23	58.8	CL208-40MM	P 208	1.7
CLP208-24		1-1/2	7.24	2.13	0.71	1.937	5.39	3.86	0.67	0.91	2.31	CL208-24	P208SB*	
CLP209-45MM	45		190	54	20	54	146	106	17	23	58.8	CL209-45MM		
CLP209-26		1-5/8	7.48	2.13	0.79	2.125	5.75	4.17	0.67	0.91	2.31	CL209-26	P 209	1.8
CLP209-27		1-11/16										CL209-27	P209SB*	
CLP209-28		1-3/4										CL209-28		
CLP210-50MM	50		206	60	21	57.2	159	114	20	25	64.1	CL210-50MM		
CLP210-31		1-15/16	8.11	2.37	0.83	2.250	6.26	4.49	0.79	0.98	2.52	CL210-31	P 210	2.3
CLP210-32		2										CL210-32	P210SB*	
CLP211-55MM	55		219	60	23	63.5	171	126	20	25	64.9	CL211-55MM		
CLP211-32		2	8.62	2.37	0.91	2.500	6.73	4.96	0.79	0.98	2.56	CL211-32	P 211	2.9
CLP211-34		2-1/8										CL211-34	P211SB*	
CLP211-35		2-3/16										CL211-35		
CLP212-60MM	60		241	70	25	69.8	184	138	20	25	76.3	CL212-60MM		
CLP212-36		2-1/4	9.49	2.76	0.98	2.750	7.24	5.43	0.79	0.98	3.00	CL212-36	P 212	4.5
CLP212-38		2-3/8										CL212-38	P212SB*	
CLP212-39		2-7/16										CL212-39		

Note: Other sizes available on request. * Indicates Solid Base Housing available.

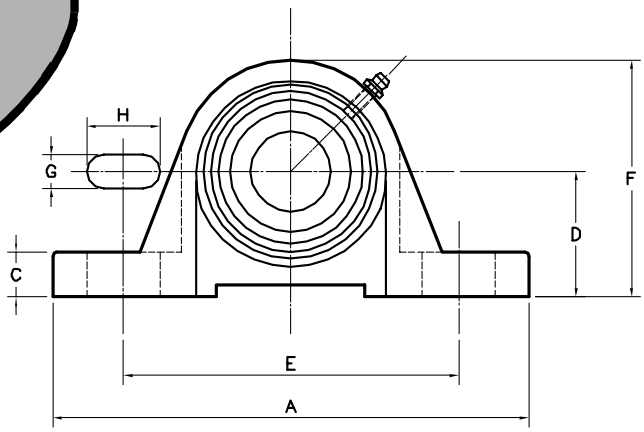
Pillow Block

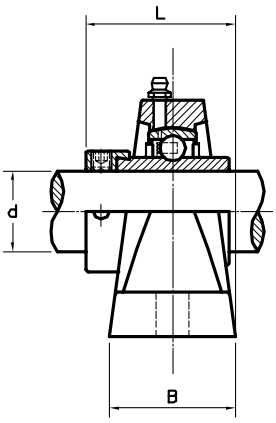
RAKH 200 Gold Series

Normal Duty Bearing
Eccentric Collar Lock
Metric and Inch Bores
Non-Expansion



Fixed Bearing use with RAKHL Series





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
RAKH207 x 35MM	35		205	54.0	19	54.00	145	102	14.3	31.5	59.3	HC207 x 35MM		
RAKH207 x 1-1/4		1-1/4	8.07	2.13	0.75	2.125	5.68	4.00	0.56	1.24	2.33	HC207 x 1-1/4	RAKH207	6.5
RAKH207 x 1-3/8		1-3/8										HC207 x 1-3/8		
RAKH207 x 1-7/16		1-7/16										HC207 x 1-7/16		
RAKH208 x 40MM	40		222	66.7	20.6	58.70	156	111	17.5	31.8	68.3	HC208 x 40MM	RAKH208	8.7
RAKH208 x 1-1/2		1-1/2	8.75	2.62	0.81	2.313	6.13	4.37	0.69	1.25	2.69	HC208 x 1-1/2		
RAKH209 x 45MM	45		222	66.7	20.6	58.70	156	114	17.5	33.3	68.3	HC209 x 45MM		
RAKH209 x 1-5/8		1-5/8	8.75	2.62	0.81	2.313	6.13	4.50	0.69	1.31	2.69	HC209 x 1-5/8	RAKH209	8.9
RAKH209 x 1-11/16		1-11/16										HC209 x 1-11/16		
RAKH209 x 1-3/4		1-3/4										HC209 x 1-3/4		
RAKH210 x 50MM	50		241	73.0	22.2	63.50	171	122	17.5	36.5	74.6	HC210 x 50MM		
RAKH210 x 1-7/8		1-7/8	9.50	2.87	0.87	2.500	6.75	4.80	0.69	1.44	2.94	HC210 x 1-7/8	RAKH210	11.0
RAKH210 x 1-15/16		1-15/16										HC210 x 1-15/16		
RAKH210 x 2		2										HC210 x 2		
RAKH211 x 55MM	55		260	79.4	27	69.80	184	137	20.6	45.6	83.3	HC211 x 55MM		
RAKH211 x 2		2	10.25	3.12	1.06	2.750	7.25	5.37	0.81	1.80	3.28	HC211 x 2	RAKH211	15.0
RAKH211 x 2-1/8		2-1/8										HC211 x 2-1/8		
RAKH211 x 2-3/16		2-3/16										HC211 x 2-3/16		
RAKH212 x 60MM	60		286	84	27	76.20	203	159	20.6	41.3	88.8	HC212 x 60MM		
RAKH212 x 2-1/4		2-1/4	11.25	3.3	1.06	3.000	8.00	6.25	0.81	1.63	3.5	HC212 x 2-1/4	RAKH212	18.0
RAKH212 x 2-3/8		2-3/8										HC212 x 2-3/8		
RAKH212 x 2-7/16		2-7/16										HC212 x 2-7/16		

Note: Set Screw and Adapter Lock Bearings also available from stock.

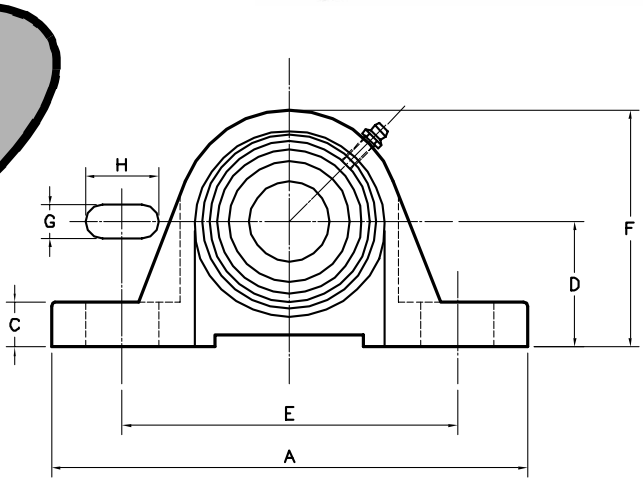
Pillow Block

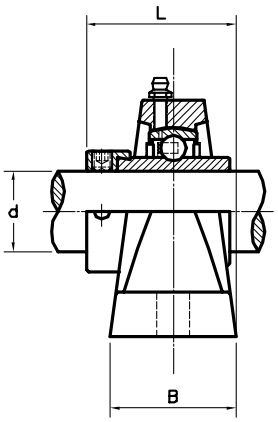
RAKH 200 Silver Series

Normal Duty Bearing
Eccentric Collar Lock
Metric and Inch Bores
Non-Expansion



Fixed Bearing
use with
RAKHL Series





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
RAKH207-35MM	35		205	54.0	19	54.00	145	102	14.3	31.5	59.3	HC207-35MM		
RAKH207-20		1-1/4	8.07	2.13	0.75	2.125	5.68	4.00	0.56	1.24	2.33	HC207-20	RAKH207	6.5
RAKH207-22		1-3/8										HC207-22		
RAKH207-23		1-7/16										HC207-23		
RAKH208-40MM	40		222	66.7	20.6	58.70	156	111	17.5	31.8	68.3	HC208-40MM	RAKH208	8.7
RAKH208-24		1-1/2	8.75	2.62	0.81	2.313	6.13	4.37	0.69	1.25	2.69	HC208-24		
RAKH209-45MM	45		222	66.7	20.6	58.70	156	114	17.5	33.3	68.3	HC209-45MM		
RAKH209-26		1-5/8	8.75	2.62	0.81	2.313	6.13	4.50	0.69	1.31	2.69	HC209-26	RAKH209	8.9
RAKH209-27		1-11/16										HC209-27		
RAKH209-28		1-3/4										HC209-28		
RAKH210-50MM	50		241	73.0	22.2	63.50	171	122	17.5	36.5	74.6	HC210-50MM		
RAKH210-30		1-7/8	9.50	2.87	0.87	2.500	6.75	4.80	0.69	1.44	2.94	HC210-30	RAKH210	11.0
RAKH210-31		1-15/16										HC210-31		
RAKH210-32		2										HC210-32		
RAKH211-55MM	55		260	79.4	27	69.80	184	137	20.6	45.6	83.3	HC211-55MM		
RAKH211-32		2	10.25	3.12	1.06	2.750	7.25	5.37	0.81	1.80	3.28	HC211-32	RAKH211	15.0
RAKH211-34		2-1/8										HC211-34		
RAKH211-35		2-3/16										HC211-35		
RAKH212-60MM	60		286	84	27	76.20	203	159	20.6	41.3	88.8	HC212-60MM		
RAKH212-36		2-1/4	11.25	3.3	1.06	3.000	8.00	6.25	0.81	1.63	3.5	HC212-36	RAKH212	18.0
RAKH212-38		2-3/8										HC212-38		
RAKH212-39		2-7/16										HC212-39		

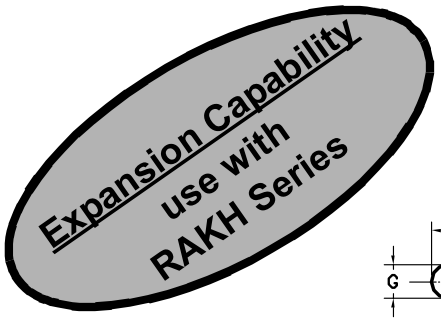
Note: Set Screw and Adapter Lock Bearings also available from stock.

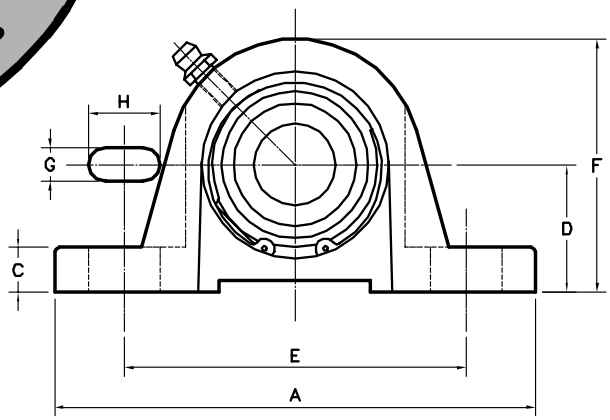
Pillow Block

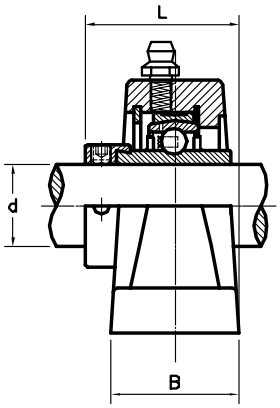
RAKHL 200 Gold Series

- **Allows Axial Shaft Expansion**
- **Normal Duty Bearing**
- **Eccentric Lock**
- **Metric and Inch Bores**









Part No.	Shaft Size d		Total Expansion	Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in		A	B	C	D	E	F	G	H	L			
RAKHL207 x 35MM	35		4.8	202	54.5	19	54.00	145	106	14.3	25.4	59.6	HC207 x 35MM		
RAKHL207 x 1-1/4		1-1/4	0.19	7.94	2.16	0.75	2.125	5.68	4.18	0.56	1.0	2.35	HC207 x 1-1/4	RAKHL207	6.5
RAKHL207 x 1-3/8		1-3/8											HC207 x 1-3/8		
RAKHL207 x 1-7/16		1-7/16											HC207 x 1-7/16		
RAKHL208 x 40MM	40		4.8	222	63.5	20.6	58.70	156	116	17.5	31.8	66.7	HC208 x 40MM	RAKHL208	8.7
RAKHL208 x 1-1/2		1-1/2	0.19	8.75	2.50	0.81	2.313	6.13	4.56	0.69	1.25	2.63	HC208 x 1-1/2		
RAKHL209 x 45MM	45		4.8	222	63.5	20.6	58.70	156	116	17.5	31.8	66.7	HC209 x 45MM		
RAKHL209 x 1-5/8		1-5/8	0.19	8.75	2.50	0.81	2.313	6.13	4.56	0.69	1.25	2.63	HC209 x 1-5/8	RAKHL209	8.9
RAKHL209 x 1-11/16		1-11/16											HC209 x 1-11/16		
RAKHL209 x 1-3/4		1-3/4											HC209 x 1-3/4		
RAKHL210 x 50MM	50		6.4	241	63.5	22.2	63.50	171	129	17.5	36.5	69.9	HC210 x 50MM		
RAKHL210 x 1-7/8		1-7/8	0.25	9.50	2.50	0.87	2.500	6.75	5.09	0.69	1.44	2.75	HC210 x 1-7/8	RAKHL210	11.0
RAKHL210 x 1-15/16		1-15/16											HC210 x 1-15/16		
RAKHL210 x 2		2											HC210 x 2		
RAKHL211 x 55MM	55		6.4	260	82	27	69.80	184	143	20.6	36.5	84.6	HC211 x 55MM		
RAKHL211 x 2		2	0.25	10.25	3.22	1.06	2.750	7.25	5.63	0.81	1.44	3.33	HC211 x 2	RAKHL211	15.0
RAKHL211 x 2-1/8		2-1/8											HC211 x 2-1/8		
RAKHL211 x 2-3/16		2-3/16											HC211 x 2-3/16		
RAKHL212 x 60MM	60		6.4	286	84	27	76.20	203	159	20.6	41.3	88.8	HC212 x 60MM		
RAKHL212 x 2-1/4		2-1/4	0.25	11.25	3.31	1.06	3.000	8.00	6.25	0.81	1.63	3.5	HC212 x 2-1/4	RAKHL212	18.0
RAKHL212 x 2-3/8		2-3/8											HC212 x 2-3/8		
RAKHL212 x 2-7/16		2-7/16											HC212 x 2-7/16		

Note: Larger sizes available. Also UC Series set screw locking inserts may be substituted if desired. Housing includes internal expansion ring, 1 snap ring, anti-rotation spring and lube fitting.

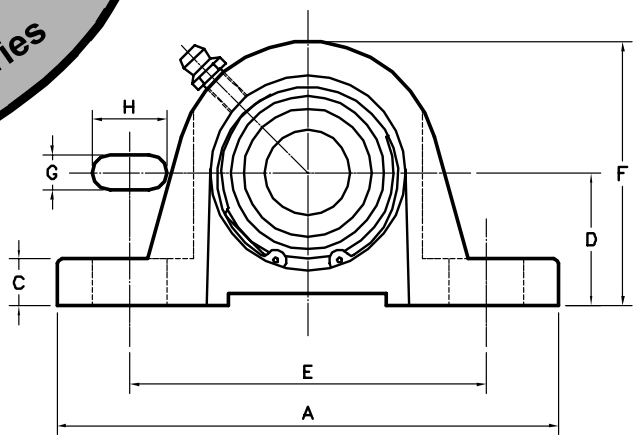
Pillow Block

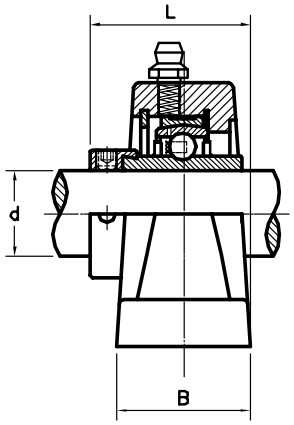
RAKHL 200 Silver Series

- **Allows Axial Shaft Expansion**
- **Normal Duty Bearing**
- **Eccentric Lock**
- **Metric and Inch Bores**



Expansion Capability use with RAKH Series





Part No.	Shaft Size d		Total Expansion	Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in		A	B	C	D	E	F	G	H	L			
RAKHL207-35MM	35		4.8	202	54.5	19	54.00	145	106	14.3	25.4	59.6	HC207-35MM		
RAKHL207-20		1-1/4	0.19	7.94	2.16	0.75	2.125	5.68	4.18	0.56	1.0	2.35	HC207-20	RAKHL207	6.5
RAKHL207-22		1-3/8											HC207-22		
RAKHL207-23		1-7/16											HC207-23		
RAKHL208-40MM	40		4.8	222	63.5	20.6	58.70	156	116	17.5	31.8	66.7	HC208-40MM	RAKHL208	8.7
RAKHL208-24		1-1/2	0.19	8.75	2.50	0.81	2.313	6.13	4.56	0.69	1.25	2.63	HC208-24		
RAKHL209-45MM	45		4.8	222	63.5	20.6	58.70	156	116	17.5	31.8	66.7	HC209-45MM		
RAKHL209-26		1-5/8	0.19	8.75	2.50	0.81	2.313	6.13	4.56	0.69	1.25	2.63	HC209-26	RAKHL209	8.9
RAKHL209-27		1-11/16											HC209-27		
RAKHL209-28		1-3/4											HC209-28		
RAKHL210-50MM	50		6.4	241	63.5	22.2	63.50	171	129	17.5	36.5	69.9	HC210-50MM		
RAKHL210-30		1-7/8	0.25	9.50	2.50	0.87	2.500	6.75	5.09	0.69	1.44	2.75	HC210-30	RAKHL210	11.0
RAKHL210-31		1-15/16											HC210-31		
RAKHL210-32		2											HC210-32		
RAKHL211-55MM	55		6.4	260	82	27	69.80	184	143	20.6	36.5	84.6	HC211-55MM		
RAKHL211-32		2	0.25	10.25	3.22	1.06	2.750	7.25	5.63	0.81	1.44	3.33	HC211-32	RAKHL211	15.0
RAKHL211-34		2-1/8											HC211-34		
RAKHL211-35		2-3/16											HC211-35		
RAKHL212-60MM	60		6.4	286	84	27	76.20	203	159	20.6	41.3	88.8	HC212-60MM		
RAKHL212-36		2-1/4	0.25	11.25	3.31	1.06	3.000	8.00	6.25	0.81	1.63	3.5	HC212-36	RAKHL212	18.0
RAKHL212-38		2-3/8											HC212-38		
RAKHL212-39		2-7/16											HC212-39		

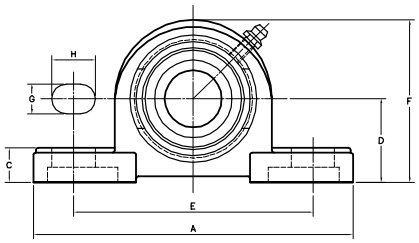
Note: Larger sizes available. Also UC Series set screw locking inserts may be substituted if desired. Housing includes internal expansion ring, 1 snap ring, anti-rotation spring and lube fitting.

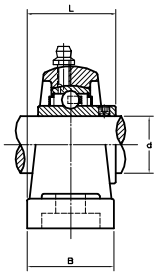
Medium Duty Pillow Block

PX and PXL Silver Series

Medium Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







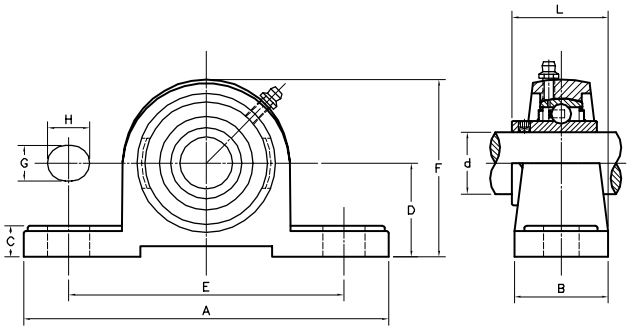
Part No	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
UCPX05-25MM UCPX05-16	25	 1	159 6.26	51 2.01	18.0 0.71	44.45 1.750	119 4.69	85 3.35	17 0.67	25 0.98	47.7 1.88	UCX05-25MM UCX05-16	PX05	1.3
UCPXL05-25MM UCPXL05-16	25	 1	159 6.26	51 2.01	16.6 0.65	42.85 1.69	119 4.69	85 3.35	17 0.67	25 0.98	47.7 1.88	UCX05-25MM UCX05-16	PXL05	
UCPX06-30MM UCPX06-18 UCPX06-19 UCPX06-20	30	 1-1/8 1-3/16 1-1/4	175 6.89	57 2.24	20 0.79	47.62 1.875	127 5.00	94 3.70	17 0.67	25 0.98	53.9 2.12	UCX06-30MM UCX06-18 UCX06-19 UCX06-20	PX06	2.1
UCPX07-35MM UCPX07-20 UCPX07-23	35	 1-1/4 1-7/16	203 7.99	57 2.25	22 0.87	54.10 2.130	144 5.67	105 4.13	17 0.67	30 1.18	58.7 2.31	UCX07-35MM UCX07-20 UCX07-23	PX07	2.5
UCPXL07-35MM UCPXL07-20 UCPXL07-23	35	 1-1/4 1-7/16	203 7.99	57 2.25	17.2 0.68	49.2 1.94	144 5.67	105 4.13	17 0.67	30 1.18	58.7 2.31	UCX07-35MM UCX07-20 UCX07-23	PXL07	
UCPX08-40MM UCPX08-24	40	 1-1/2	222 8.74	67 2.64	26 1.02	58.70 2.311	156 6.14	113 4.45	20 0.79	32 1.26	63.7 2.51	UCX08-40MM UCX08-24	PX08	3.1
UCPXL08-40MM UCPXL08-24	40	 1-1/2	222 8.74	67 2.64	21.3 0.84	54.00 2.13	156 6.14	113 4.45	20 0.79	32 1.26	63.7 2.51	UCX08-40MM UCX08-24	PXL08	
UCPX09-45MM UCPX09-27 UCPX09-28	45	 1-11/16 1-3/4	222 8.74	67 2.64	26 1.02	58.70 2.311	156 6.14	116 4.57	20 0.79	33 1.30	66.1 2.60	UCX09-45MM UCX09-27 UCX09-28	PX09	3.6
UCPXL09-45MM UCPXL09-27 UCPXL09-28	45	 1-11/16 1-3/4	222 8.74	67 2.64	24.5 0.96	57.20 2.25	156 6.14	116 4.57	20 0.79	33 1.30	66.1 2.60	UCX09-45MM UCX09-27 UCX09-28	PXL09	
UCPX10-50MM UCPX10-31 UCPX10-32	50	 1-15/16 2	241 9.49	73 2.87	27 1.06	63.50 2.500	171 6.73	126 4.96	20 0.79	37 1.46	69.9 2.75	UCX10-50MM UCX10-31 UCX10-32	PX10	4.8
UCPX11-55MM UCPX11-35 UCPX11-36	55	 2-3/16 2-1/4	260 10.24	79 3.11	30 1.18	69.80 2.748	184 7.24	139 5.47	25 0.98	37 1.46	79.2 3.12	UCX11-55MM UCX11-35 UCX11-36	PX11	6.1
UCPX12-60MM UCPX12-39	60	 2-7/16	286 11.26	83 3.27	32 1.26	76.20 3.000	203 7.99	151 5.94	25 0.98	41 1.61	81.2 3.2	UCX12-60MM UCX12-39	PX12	7.1
UCPX13-60MM UCPX13-65MM UCPX13-39 UCPX13-40	60 65	 2-7/16 2-1/2	286 11.26	83 3.27	32 1.26	76.20 3.000	203 7.99	151 5.94	25 0.98	41 1.61	85.9 3.38	UCX13-60MM UCX13-65MM UCX13-39 UCX13-40	PX13	7.4
UCPX14-70MM UCPX14-43	70	 2-11/16	330 12.99	89 3.50	35 1.38	88.90 3.500	229 9.02	172 6.77	27 1.06	51 2.01	89.0 3.50	UCX14-70MM UCX14-43	PX14	8.6
UCPX15-75MM UCPX15-47 UCPX15-48	75	 2-15/16 3	330 12.99	89 3.5	35 1.38	88.90 3.500	232 9.13	174 6.85	27 1.06	51 2.01	93.8 3.69	UCX15-75MM UCX15-47 UCX15-48	PX15	10.6
UCPX17-85MM UCPX17-55 UCPX17-56	85	 3-7/16 3-1/2	381 15.0	102 4.02	42 1.65	101.60 4.000	283 11.14	202 7.95	27 1.06	59 2.32	107.3 4.22	UCX17-85MM UCX17-55 UCX17-56	PX17	16.2
UCPX18-90MM UCPX18-56	90	 3-1/2	381 15.0	111 4.37	45 1.77	101.60 4.000	283 11.14	206 8.11	27 1.06	60 2.36	116.6 4.59	UCX18-90MM UCX18-56	PX18	17.6
UCPX20-100MM UCPX20-63 UCPX20-64	100	 3-15/16 4	432 17.0	121 4.76	52 2.05	127.00 5.000	337 13.27	250 9.84	33 1.30	64 2.52	128.2 5.05	UCX20-100MM UCX20-63 UCX20-64	PX20	29.8

Note: PXL Housing allows lower center height.

Pillow Block

UCP 300 Silver Series

- Heavy Duty Bearing
- Cast Iron Housing
- Set Screw Lock
- Metric and Inch Bores





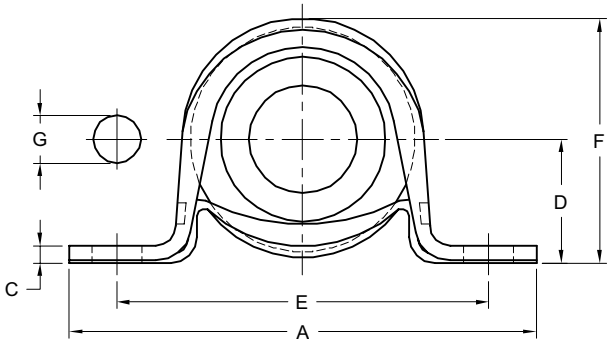
Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
UCP305-25MM	25		175	45	15	45	132	85	17	20	45.5	UC305-25MM	P305	1.4
UCP305-16		1	6.88	1.75	0.59	1.77	5.25	3.35	0.7	0.8	1.8	UC305-16		
UCP306-30MM	30		180	50	18	50	140	95	17	20	51	UC306-30MM		
UCP306-18		1-1/8	7.06	2	0.71	1.97	5.5	3.74	0.7	0.8	2.0	UC306-18	P306	2.0
UCP306-19		1-3/16										UC306-19		
UCP307-35MM	35		210	56	20	56	160	106	17	25	57	UC307-35MM		
UCP307-20		1-1/4	8.25	2.25	0.79	2.20	6.25	4.17	0.7	1.0	2.2	UC307-20	P307	2.6
UCP307-22		1-3/8										UC307-22		
UCP307-23		1-7/16										UC307-23		
UCP308-40MM	40		220	60	22	60	170	116	17	27	63	UC308-40MM	P308	3.4
UCP308-24		1-1/2	8.69	2.38	0.91	2.36	6.75	4.6	0.7	1.1	2.5	UC308-24		
UCP309-45MM	45		245	67	24	67	190	129	20	30	68.5	UC309-45MM		
UCP309-27		1-11/16	9.63	2.63	0.94	2.64	7.5	5.08	0.8	1.2	2.7	UC309-27	P309	4.4
UCP309-28		1-3/4										UC309-28		
UCP310-50MM	50		275	75	27	75	212	143	20	35	76.5	UC310-50MM		
UCP310-30		1-7/8	10.81	3	1.06	2.95	8.375	5.6	0.8	1.4	3.0	UC310-30	P310	6.0
UCP310-31		1-15/16										UC310-31		
UCP311-55MM	55		310	80	30	80	236	154	20	38	81	UC311-55MM		
UCP311-32		2	12.19	3.125	1.18	3.15	9.25	6.1	0.8	1.5	3.2	UC311-32	P311	7.6
UCP311-35		2-3/16										UC311-35		
UCP312-60MM	60		330	85	32	85	250	165	25	38	87.5	UC312-60MM	P312	9.3
UCP312-39		2-7/16	13	3.38	1.26	3.35	9.875	6.5	1.0	1.5	3.4	UC312-39		
UCP313-65MM	65		340	90	33	90	260	176	25	38	90	UC313-65MM	P313	11.0
UCP313-40		2-1/2	13.38	3.5	1.30	3.54	10.25	6.93	1.0	1.5	3.5	UC313-40		
UCP314-70MM	70		360	90	35	95	280	187	27	40	90	UC314-70MM	P314	13.0
UCP314-44		2-3/4	14.19	3.5	1.38	3.74	11	7.3 6	1.1	1.6	3.5	UC314-44		
UCP315-75MM	75		380	100	35	100	290	198	27	40	100	UC315-75MM		
UCP315-47		2-15/16	15	3.88	1..38	3.94	11.375	7.80	1.1	1.6	3.9	UC315-47	P315	15.0
UCP315-48		3										UC315-48		
UCP316-80MM	80		400	110	40	106	300	210	27	40	107	UC316-80MM	P316	18.0
UCP316-51		3-3/16	15.75	4.38	1.57	4.17	11.75	8.27	1.1	1.6	4.2	UC316-51		
UCP317-85MM	85		420	110	40	112	320	220	33	45	111	UC317-85MM	P317	21.0
UCP317-52		3-1/4	16.56	4.38	1.57	4.41	12.625	8.7	1.3	1.8	4.4	UC317-52		
UCP318-90MM	90		430	110	45	118	330	235	33	45	111	UC318-90MM	P318	23.0
UCP318-56		3-1/2	16.94	4.38	1.77	4.65	13	9.25	1.3	1.8	4.4	UC318-56		
UCP319-95MM	95		470	120	45	125	360	250	36	50	122	UC319-95MM	P319	29.0
UCP319-60		3-3/4	18.5	4.75	1.77	4.92	14.128	9.8	1.4	2.0	4.8	UC319-60		
UCP320-100MM	100		490	120	50	140	380	275	36	50	126	UC320-100MM		
UCP320-63		3-15/16	19.31	4.75	1.97	5.51	15	10.8	1.4	2.0	5.0	UC320-63	P320	35.0
UCP320-64		4										UC320-64		
UCP321-105MM	105	—	490	120	50	140	380	280	36	50	128	UC321-105MM	P321	37.0
UCP324-120MM	120	—	570	140	65	160	450	320	40	55	145	UC324-120MM	P324	58.0
UCP326-130MM	130	—	600	140	75	180	480	355	40	55	151	UC326-130MM	P326	75.0
UCP328-140MM	140	—	620	140	75	200	500	390	40	55	156	UC328-140MM	P328	93.0

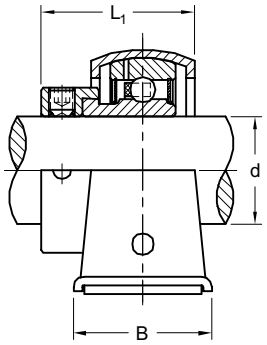
Pressed Steel Pillow Block

BS 200 Gold Series

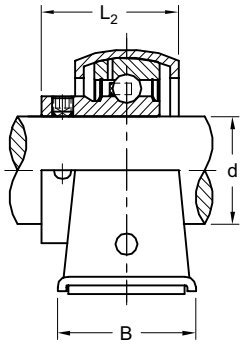
Normal Duty Bearing
2 pc Snap Fit Steel Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

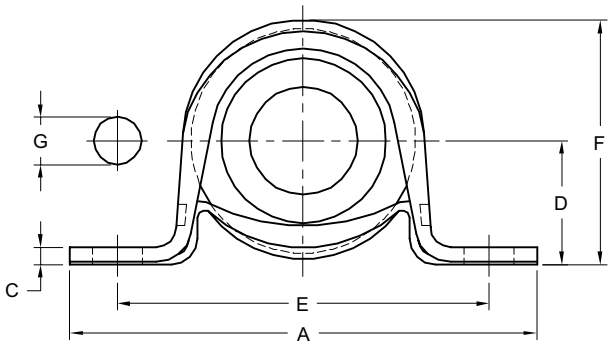
Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing Part No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
BS201 x 12MM	BS201 x 12SMM	12		86	25	3.2	22.2	68	43.8	9.5	34.6	28.5	SA201 x 12MM	SB201 x 12SMM		
BS202 x 15MM	BS202 x 15SMM	15											SA202 x 15MM	SB202 x 15SMM		
BS203 x 17MM	BS203 x 17SMM	17											SA203 x 17MM	SB203 x 17SMM	BS203(40)	0.2
BS201 x 1/2	BS201 x 1/2S		1/2	3.38	1.0	0.13	0.875	2.67	1.72	0.37	1.36	1.12	SA201 x 1/2	SB201 x 1/2S		
BS202 x 5/8	BS202 x 5/8S		5/8										SA202 x 5/8	SB202 x 5/8S		
BS203 x 11/16	BS203 x 11/16S		11/16										SA203 x 11/16	SB203 x 11/16S		
BS204 x 20MM	BS204 x 20SMM	20		98	32	3.2	25.4	76	50.5	9.5	39.5	34	SA204 x 20MM	SB204 x 20SMM	BS204	0.3
BS204 x 3/4	BS204 x 3/4S		3/4	3.86	1.26	0.13	1.000	2.99	1.99	0.37	1.56	1.34	SA204 x 3/4	SB204 x 3/4S		
BS205 x 25MM	BS205 x 25SMM	25		108	32	4.0	28.6	86	56.6	11	39.5	35.5	SA205 x 25MM	SB205 x 25SMM		
BS205 x 7/8	BS205 x 7/8S		7/8	4.25	1.26	0.16	1.125	3.39	2.23	0.43	1.56	1.4	SA205 x 7/8	SB205 x 7/8S	BS205	0.5
BS205 x 15/16	BS205 x 15/16S		15/16										SA205 x 15/16	SB205 x 15/16S		
BS205 x 1	BS205 x 1S		1										SA205 x 1	SB205 x 1S		
BS206 x 30MM	BS206 x 30SMM	30		117	38	4.0	33.3	95	66.3	11	45.7	40	SA206 x 30MM	SB206 x 30SMM		
BS206 x 1-1/8	BS206 x 1-1/8S		1-1/8	4.61	1.50	0.16	1.312	3.74	2.62	0.43	1.8	1.57	SA206 x 1-1/8	SB206 x 1-1/8S	BS206	0.7
BS206 x 1-3/16	BS206 x 1-3/16S		1-3/16										SA206 x 1-3/16	SB206 x 1-3/16S		
BS206 x 1-1/4	BS206 x 1-1/4S		1-1/4										SA206 x 1-1/4	SB206 x 1-1/4S		
BS207 x 35MM	BS207 x 35SMM	35		129	42	4.6	39.7	106	78	11	50.4	46.5	SA207 x 35MM	SB207 x 35SMM		
BS207 x 1-1/4	BS207 x 1-1/4S		1-1/4	5.08	1.65	0.18	1.562	4.17	3.07	0.43	1.98	1.83	SA207 x 1-1/4	SB207 x 1-1/4S	BS207	0.9
BS207 x 1-3/8	BS207 x 1-3/8S		1-3/8										SA207 x 1-3/8	SB207 x 1-3/8S		
BS207 x 1-7/16	BS207 x 1-7/16S		1-7/16										SA207 x 1-7/16	SB207 x 1-7/16S		

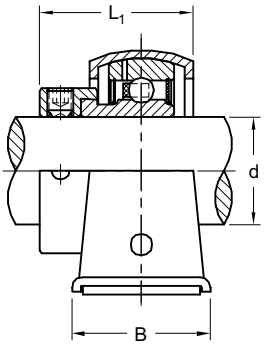
Pressed Steel Pillow Block

BS 200 Silver Series

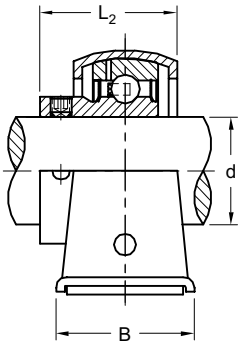
Normal Duty Bearing
2 pc Snap Fit Steel Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

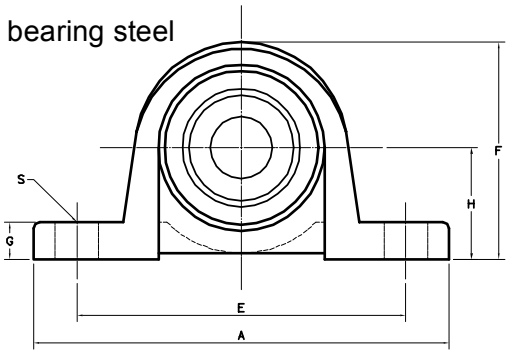
Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing Part No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
BS201-12MM	BS201-12SMM	12		86	25	3.2	22.2	68	43.8	9.5	35.1	28.5	SA201-12MM	SB201-12SMM		
BS202-15MM	BS202-15SMM	15											SA202-15MM	SB202-15SMM		
BS203-17MM	BS203-17SMM	17											SA203-17MM	SB203-17SMM	BS203(40)	0.2
BS201-8	BS201-8S		1/2	3.38	1.0	0.13	0.875	2.67	1.72	0.37	1.38	1.12	SA201-8	SB201-8S		
BS202-10	BS202-10S		5/8										SA202-10	SB202-10S		
BS203-11	BS203-11S		11/16										SA203-11	SB203-11S		
BS204-20MM	BS204-20SMM	20		98	32	3.2	25.4	76	50.5	9.5	40	34	SA204-20MM	SB204-20SMM	BS204	0.3
BS204-12	BS204-12S		3/4	3.86	1.26	0.13	1.000	2.99	1.99	0.37	1.57	1.34	SA204-12	SB204-12S		
BS205-25MM	BS205-25SMM	25		108	32	4.0	28.6	86	56.6	11	39.5	35.5	SA205-25MM	SB205-25SMM		
BS205-14	BS205-14S		7/8	4.25	1.26	0.16	1.125	3.39	2.23	0.43	1.56	1.4	SA205-14	SB205-14S	BS205	0.5
BS205-15	BS205-15S		15/16										SA205-15	SB205-15S		
BS205-16	BS205-16S		1										SA205-16	SB205-16S		
BS206-30MM	BS206-30SMM	30		117	38	4.0	33.3	95	66.3	11	46.7	41	SA206-30MM	SB206-30SMM		
BS206-18	BS206-18S		1-1/8	4.61	1.50	0.16	1.312	3.74	2.62	0.43	1.84	1.61	SA206-18	SB206-18S	BS206	0.7
BS206-19	BS206-19S		1-3/16										SA206-19	SB206-19S		
BS206-20	BS206-20S		1-1/4										SA206-20	SB206-20S		
BS207-35MM	BS207-35SMM	35		129	42	4.6	39.7	106	78	11	51.4	44.5	SA207-35MM	SB207-35SMM		
BS207-20	BS207-20S		1-1/4	5.08	1.65	0.18	1.562	4.17	3.07	0.43	2.02	1.75	SA207-20	SB207-20S	BS207	0.9
BS207-22	BS207-22S		1-3/8										SA207-22	SB207-22S		
BS207-23	BS207-23S		1-7/16										SA207-23	SB207-23S		

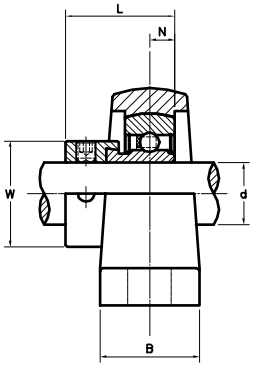
Light Duty Pillow Block

UP 000 Silver Series
Extra Narrow Width Eccentric Collar Lock

Rustproof zinc alloy housings
Bearings are high carbon chromium bearing steel







Part No.	Shaft Size d		Dimensions (mm)										Bolt Size mm	Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	E	F	G	H	L	N	S	W				
UP000-10MM	10	-	67	16	53	35	6	18	17.5	4	7	17	M 6	U000-10MM	P000	0.1
UP001-12MM	12	-	71	16	56	38	6	19	17.5	4	7	19	M 6	U001-12MM	P001	0.1
UP002-15MM	15	-	80	16	63	43	7	22	18.5	4.5	7	22	M 6	U002-15MM	P002	0.1
UP003-17MM	17	-	85	18	67	47	7	24	20.5	5	7	25	M 6	U003-17MM	P003	0.2
UP004-20MM	20	-	100	20	80	55	9	28	24.5	6	10	30	M 8	U004-20MM	P004	0.2
UP004-12		3/4												U004-12		
UP005-25MM	25	-	112	20	90	62	10	32	25.5	6	10	36	M 8	U005-25MM	P005	0.3
UP005-16		1												U005-16		
UP006-30MM	30	-	132	26	106	70	11	36	26.5	6.5	13	42	M 10	U006-30MM	P006	0.5

KP 000 Silver Series
Extra Narrow Width Set Screw Lock

Stainless Steel Option

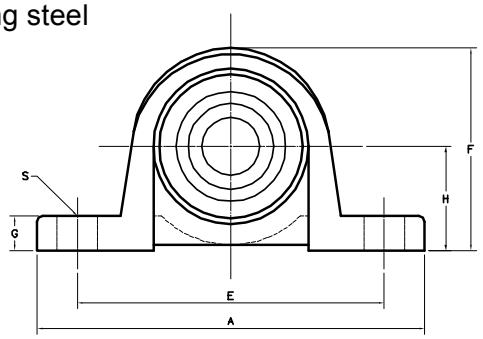
Rustproof zinc alloy housings
Bearings are high carbon chromium bearing steel

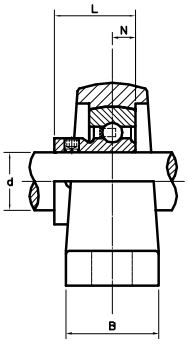


Standard



Corrosion Resistant





Corrosion Resistant Plated Housing & Stainless Steel Insert also available. Add "CR" suffix to Part No. when ordering.

Standard Part No.	Corrosion Resistant Part No.	Shaft Size d		Dimensions (mm)									Bolt Size mm	Standard Bearing No.	Stainless Bearing No.	Housing No.	Wt. kg
		mm	in	A	B	E	F	G	H	L	N	S					
KP000-10MM	KP000-10MM-CR	10	-	67	16	53	35	6	18	14	4	7	M 6	K000-10MM	K000-10MM-CR	P000	0.1
KP001-12MM	KP001-12MM-CR	12	-	71	16	56	38	6	19	14.5	4	7	M 6	K001-12MM	K001-12MM-CR	P001	0.1
KP002-15MM	KP002-15MM-CR	15	-	80	16	63	43	7	22	16.5	4.5	7	M 6	K002-15MM	K002-15MM-CR	P002	0.1
KP003-17MM	KP003-17MM-CR	17	-	85	18	67	47	7	24	17.5	5	7	M 6	K003-17MM	K003-17MM-CR	P003	0.2
KP004-20MM	KP004-20MM-CR	20	-	100	20	80	55	9	28	21	6	10	M 8	K004-20MM	K004-20MM-CR	P004	0.2
KP004-12	KP004-12-CR		3/4											K004-12	K004-12-CR		
KP005-25MM	KP005-25MM-CR	25	-	112	20	90	62	10	32	22.5	6	10	M 8	K005-25MM	K005-25MM-CR	P005	0.3
KP005-16	KP005-16-CR		1											K005-16	K005-16-CR		
KP006-30MM	KP006-30MM-CR	30	-	132	26	106	70	11	36	24.5	6.5	13	M 10	K006-30MM	K006-30MM-CR	P006	0.5

Pressed Steel Pillow Block with Rubber Isolator

BSR 200 Silver Series

Normal Duty Bearing
Rubber Isolated Insert, Non-conductive
2 pc Snap Fit Steel Housing
Eccentric Collar & Set Screw Lock
Metric and Inch Bores

The Non-Conductive Rubber Isolator fits snugly over the bearing and is clamped within the housing to cushion vibration.



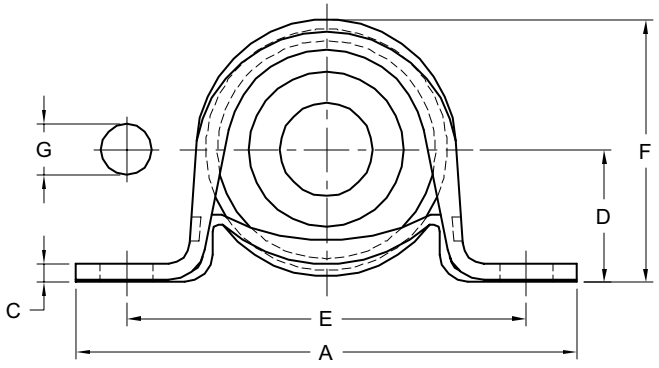
Eccentric Lock

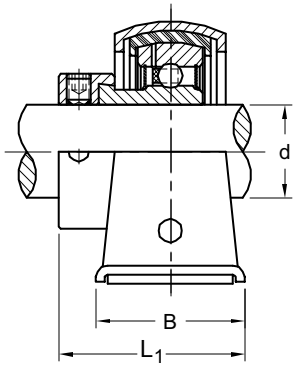


Set Screw Lock

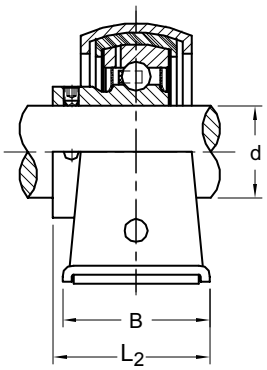


Rubber Isolator





Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Housing No.	Eccentric Bearing No.	Set Screw Bearing No.	Rubber Isolator Part No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2					
BSR204-20MM	BSR204-20SMM	20		108	32	4.0	28.6	86	56.6	11	40	34	BS205	SA204-20MM	SB204-20MM	RBR4	0.3
BSR204-12	BSR204-12S		3/4	4.25	1.26	0.16	1.125	3.39	2.23	0.43	1.57	1.34		SA204-12	SB204-12		
BSR205-25MM	BSR205-25SMM	25		117	38	4.0	33.3	95	66.3	11	42.5	38.5	BS206	SA205-25MM	SB205-25MM	RBR5	0.5
BSR205-14	BSR205-14S		7/8	4.61	1.50	0.16	1.312	3.74	2.62	0.43	1.67	1.52		SA205-14	SB205-14		
BSR205-15	BSR205-15S		15/16											SA205-15	SB205-15		
BSR205-16	BSR205-16S		1											SA205-16	SB205-16		
BSR206-30MM	BSR206-30SMM	30		129	42	4.6	39.7	106	78	11	48.7	43	BS207	SA206-30MM	SB206-30MM	RBR6	0.7
BSR206-18	BSR206-18S		1-1/8	5.08	1.65	0.18	1.562	4.17	3.07	0.43	1.92	1.69		SA206-18	SB206-18		
BSR206-19	BSR206-19S		1-3/16											SA206-19	SB206-19		
BSR206-20	BSR206-20S		1-1/4											SA206-20	SB206-20		

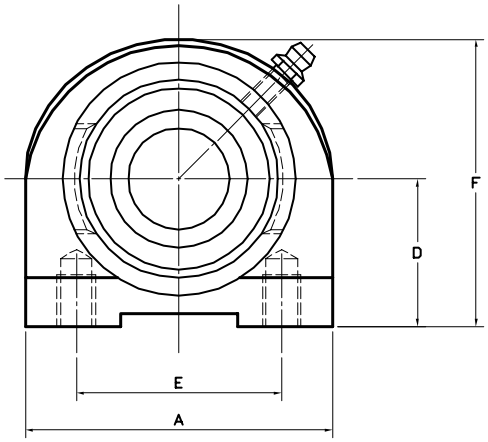
Note: Larger sizes on request.

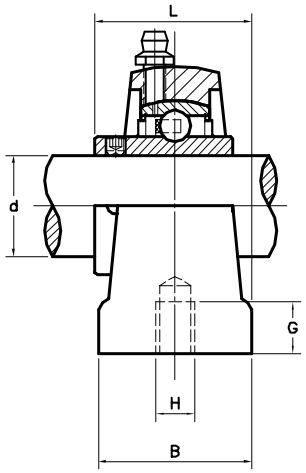
Tapped Base Pillow Block

TB 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L			
TB204 x 20UMM	20		73	38	33.3	50.8	65	12.7		37.3	UC204 x 20MM	TB204	0.7
TB204 x 3/4U		3/4	2.87	1.5	1.312	2.0	2.56	0.50	3/8-16	1.4	UC204 x 3/4		
TB205 x 25UMM	25		76	38	36.5	50.8	71	12.7		38.8	UC205 x 25MM	TB205	0.8
TB205 x 7/8U		7/8	2.99	1.5	1.437	2.0	2.80	0.50	3/8-16	1.53	UC205 x 7/8		
TB205 x 15/16U		15/16									UC205 x 15/16		
TB205 x 1U		1									UC205 x 1		
TB206 x 30UMM	30		102	38	42.9	76.2	87	16		41.2	UC206 x 30MM	TB206	1.3
TB206 x 1-1/8U		1-1/8	4.02	1.5	1.687	3.0	3.42	0.63	7/16-14	1.62	UC206 x 1-1/8		
TB206 x 1-3/16U		1-3/16									UC206 x 1-3/16		
TB206 x 1-1/4U		1-1/4									UC206 x 1-1/4		
TB207 x 35UMM	35		108	48	47.6	82.6	95	19		49.4	UC207 x 35MM	TB207	1.7
TB207 x 1-1/4U		1-1/4	4.25	1.9	1.875	3.25	3.7	0.75	1/2-13	1.94	UC207 x 1-1/4		
TB207 x 1-3/8U		1-3/8									UC207 x 1-3/8		
TB207 x 1-7/16U		1-7/16									UC207 x 1-7/16		
TB208 x 40UMM	40		117	48	49.2	88.9	100	19		54.2	UC208 x 40MM	TB208	2.0
TB208 x 1-1/2U		1-1/2	4.63	1.9	1.937	3.5	3.9	0.75	1/2-13	2.13	UC208 x 1-1/2		
TB209 x 45UMM	45		127	51	54.0	95.3	108	19		55.7	UC209 x 45MM	TB209	2.3
TB209 x 1-5/8U		1-5/8	5.00	2.01	2.125	3.75	4.2	0.75	1/2-13	2.19	UC209 x 1-5/8		
TB209 x 1-11/16U		1-11/16									UC209 x 1-11/16		
TB209 x 1-3/4U		1-3/4									UC209 x 1-3/4		
TB210 x 50UMM	50		140	51	57.2	101.6	117.5	22		58.1	UC210 x 50MM	TB210	2.9
TB210 x 1-7/8U		1-7/8	5.51	2.01	2.250	4.0	4.63	0.87	5/8-11	2.29	UC210 x 1-7/8		
TB210 x 1-15/16U		1-15/16									UC210 x 1-15/16		
TB210 x 2U		2									UC210 x 2		

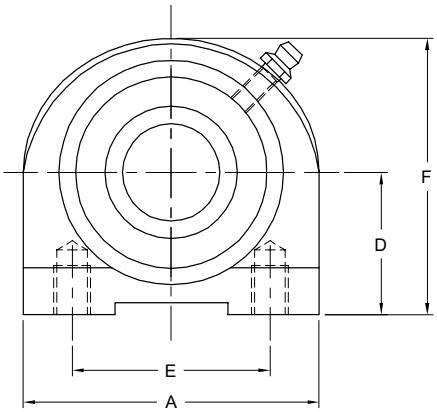
Note: Eccentric and Adapter Lock Bearings also available from stock.

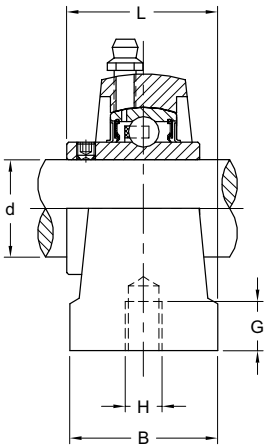
Tapped Base Pillow Block

TB 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L			
TB201-12UMM	12		73	38	33.3	50.8	65	12.7		37.3	UC201-12MM		
TB202-15UMM	15										UC202-15MM		
TB203-17UMM	17										UC203-17MM	TB204	0.7
TB201-8U		1/2	2.87	1.5	1.312	2.0	2.56	0.50	3/8-16	1.47	UC201-8		
TB202-10U		5/8									UC202-10		
TB203-11U		11/16									UC203-11		
TB204-20UMM	20		73	38	33.3	50.8	65	12.7		37.3	UC204-20MM	TB204	0.7
TB204-12U		3/4	2.87	1.5	1.312	2.0	2.56	0.50	3/8-16	1.4	UC204-12		
TB205-25UMM	25		76	38	36.5	50.8	71	12.7		38.8	UC205-25MM		
TB205-14U		7/8	2.99	1.5	1.437	2.0	2.80	0.50	3/8-16	1.53	UC205-14	TB205	0.8
TB205-15U		15/16									UC205-15		
TB205-16U		1									UC205-16		
TB206-30UMM	30		102	38	42.9	76.2	87	16		41.2	UC206-30MM		
TB206-18U		1-1/8	4.02	1.5	1.687	3.0	3.42	0.63	7/16-14	1.62	UC206-18	TB206	1.3
TB206-19U		1-3/16									UC206-19		
TB206-20U		1-1/4									UC206-20		
TB207-35UMM	35		108	48	47.6	82.6	95	19		49.4	UC207-35MM		
TB207-20U		1-1/4	4.25	1.9	1.875	3.25	3.7	0.75	1/2-13	1.94	UC207-20	TB207	1.7
TB207-22U		1-3/8									UC207-22		
TB207-23U		1-7/16									UC207-23		
TB208-40UMM	40		117	48	49.2	88.9	100	19		54.2	UC208-40MM	TB208	2.0
TB208-24U		1-1/2	4.63	1.9	1.937	3.5	3.9	0.75	1/2-13	2.13	UC208-24		
TB209-45UMM	45		127	51	54.0	95.3	108	19		55.7	UC209-45MM		
TB209-26U		1-5/8	5.00	2.01	2.125	3.75	4.2	0.75	1/2-13	2.19	UC209-26	TB209	2.3
TB209-27U		1-11/16									UC209-27		
TB209-28U		1-3/4									UC209-28		
TB210-50UMM	50		140	51	57.2	101.6	117.5	22		58.1	UC210-50MM		
TB210-30U		1-7/8	5.51	2.01	2.250	4.0	4.63	0.87	5/8-11	2.29	UC210-30	TB210	2.9
TB210-31U		1-15/16									UC210-31		
TB210-32U		2									UC210-32		

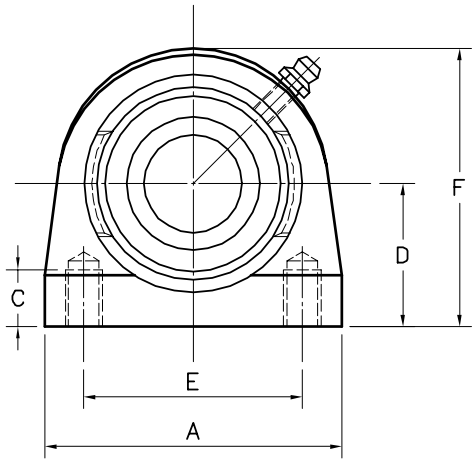
Note: Eccentric and Adapter Lock Bearings also available from stock.

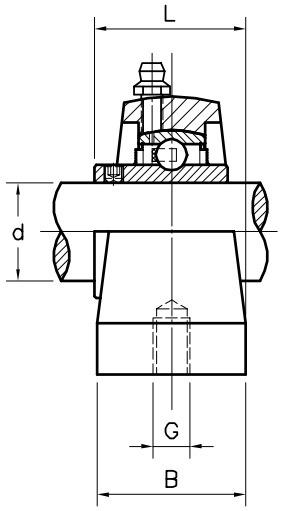
Tapped Base Pillow Block

PA 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shift Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCPA204 x 20MM	20		74	38	13	30.2	51.9	62		37.3	UC204 x 20MM	PA204	0.7
UCPA204 x 3/4		3/4	2.91	1.5	0.51	1.188	2.04	2.44	3/8-16	1.47	UC204 x 3/4		
UCPA205 x 25MM	25		80	38	13	36.5	55.9	72		38.8	UC205 x 25MM	PA205	0.8
UCPA205 x 7/8		7/8	3.15	1.5	0.51	1.437	2.20	2.83	3/8-16	1.53	UC205 x 7/8		
UCPA205 x 15/16		15/16									UC205 x 15/16		
UCPA205 x 1		1									UC205 x 1		
UCPA206 x 30MM	30		94	48	16	42.9	65.9	84		41.2	UC206 x 30MM	PA206	1.3
UCPA206 x 1-1/8		1-1/8	3.70	1.89	0.63	1.687	2.59	3.31	7/16-14	1.62	UC206 x 1-1/8		
UCPA206 x 1-3/16		1-3/16									UC206 x 1-3/16		
UCPA206 x 1-1/4		1-1/4									UC206 x 1-1/4		
UCPA207 x 35MM	35		110	48	19	47.6	80.2	95		49.4	UC207 x 35MM	PA207	1.7
UCPA207 x 1-1/4		1-1/4	4.33	1.9	0.75	1.875	3.16	3.74	1/2-13	1.94	UC207 x 1-1/4		
UCPA207 x 1-3/8		1-3/8									UC207 x 1-3/8		
UCPA207 x 1-7/16		1-7/16									UC207 x 1-7/16		
UCPA208 x 40MM	40		117	54	19	49.2	84.1	100		54.2	UC208 x 40MM	PA208	2.0
UCPA208 x 1-1/2		1-1/2	4.61	2.13	0.75	1.937	3.31	3.93	1/2-13	2.13	UC208 x 1-1/2		
UCPA209 x 45MM	45		120	54	19	54.4	90.1	108		55.7	UC209 x 45MM	PA209	2.3
UCPA209 x 1-5/8		1-5/8	4.72	2.13	0.75	2.142	3.55	4.25	1/2-13	2.19	UC209 x 1-5/8		
UCPA209 x 1-11/16		1-11/16									UC209 x 1-11/16		
UCPA209 x 1-3/4		1-3/4									UC209 x 1-3/4		
UCPA210 x 50MM	50		130	60	22	57.2	94.1	117		58.1	UC210 x 50MM	PA210	2.9
UCPA210 x 1-7/8		1-7/8	5.12	2.36	0.87	2.250	3.70	4.61	5/8-11	2.29	UC210 x 1-7/8		
UCPA210 x 1-15/16		1-15/16									UC210 x 1-15/16		
UCPA210 x 2		2									UC210 x 2		

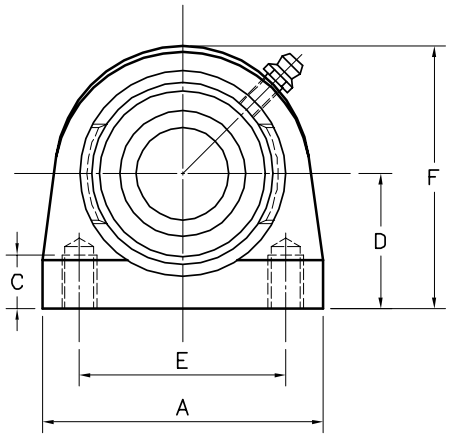
Note: Eccentric and Adapter Lock Bearings also available from stock.

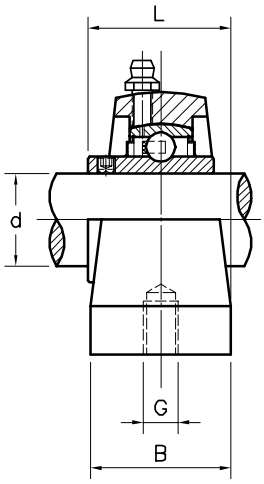
Tapped Base Pillow Block

PA 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCPA201-12MM	12		74	38	13	30.2	51.9	62		37.3	UC201-12MM		
UCPA202-15MM	15										UC202-15MM		
UCPA203-17MM	17										UC203-17MM	PA204	0.7
UCPA201-8		1/2	2.91	1.5	0.51	1.188	2.04	2.44	3/8-16	1.47	UC201-8		
UCPA202-10		5/8									UC202-10		
UCPA203-11		11/16									UC203-11		
UCPA204-20MM	20		74	38	13	30.2	51.9	62		37.3	UC204-20MM	PA204	0.7
UCPA204-12		3/4	2.91	1.5	0.51	1.188	2.04	2.44	3/8-16	1.47	UC204-12		
UCPA205-25MM	25		80	38	13	36.5	55.9	72		38.8	UC205-25MM		
UCPA205-14		7/8	3.15	1.5	0.51	1.437	2.20	2.83	3/8-16	1.53	UC205-14	PA205	0.8
UCPA205-15		15/16									UC205-15		
UCPA205-16		1									UC205-16		
UCPA206-30MM	30		94	48	16	42.9	65.9	84		41.2	UC206-30MM		
UCPA206-18		1-1/8	3.70	1.89	0.63	1.687	2.59	3.31	7/16-14	1.62	UC206-18	PA206	1.3
UCPA206-19		1-3/16									UC206-19		
UCPA206-20		1-1/4									UC206-20		
UCPA207-35MM	35		110	48	19	47.6	80.2	95		49.4	UC207-35MM		
UCPA207-20		1-1/4	4.33	1.9	0.75	1.875	3.16	3.74	1/2-13	1.94	UC207-20	PA207	1.7
UCPA207-22		1-3/8									UC207-22		
UCPA207-23		1-7/16									UC207-23		
UCPA208-40MM	40		117	54	19	49.2	84.1	100		54.2	UC208-40MM	PA208	2.0
UCPA208-24		1-1/2	4.61	2.13	0.75	1.937	3.31	3.93	1/2-13	2.13	UC208-24		
UCPA209-45MM	45		120	54	19	54.4	90.1	108		55.7	UC209-45MM		
UCPA209-26		1-5/8	4.72	2.13	0.75	2.142	3.55	4.25	1/2-13	2.19	UC209-26	PA209	2.3
UCPA209-27		1-11/16									UC209-27		
UCPA209-28		1-3/4									UC209-28		
UCPA210-50MM	50		130	60	22	57.2	94.1	117		58.1	UC210-50MM		
UCPA210-30		1-7/8	5.12	2.36	0.87	2.250	3.70	4.61	5/8-11	2.29	UC210-30	PA210	2.9
UCPA210-31		1-15/16									UC210-31		
UCPA210-32		2									UC210-32		

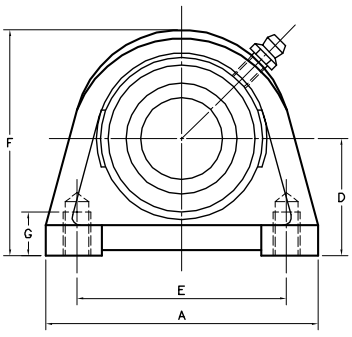
Note: Eccentric and Adapter Lock Bearings also available from stock.

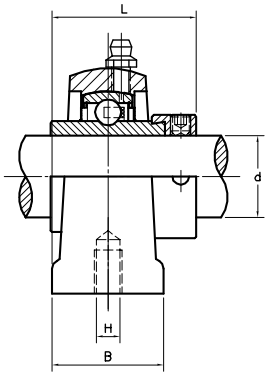
Tapped Base Pillow Block

SWG 200 Gold Series

Euro Style
Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L			
SWG201 x 12MM	12		63	30	30.2	47	57	10		42.4	SA201 x 12MM		
SWG202 x 15MM	15										SA202 x 15MM		
SWG203 x 17MM	17								M8		SA203 x 17MM	SWG203	0.6
SWG201 x 1/2		1/2	2.48	1.18	1.187	1.85	2.24	0.39		1.67	SA201 x 1/2		
SWG202 x 5/8		5/8									SA202 x 5/8		
SWG203 x 11/16		11/16									SA203 x 11/16		
SWG204 x 20AMM	20		65	32	33.3	50.8	64	10	M8	45.6	HC204 x 20MM	SWG20	0.7
SWG204 x 3/4A		3/4	2.56	1.26	1.312	2.0	2.52	0.39		1.80	HC204 x 3/4		
SWG205 x 25AMM	25		70	36	36.5	50.8	69	13		45.9	HC205 x 25MM		
SWG205 x 7/8A		7/8	2.76	1.42	1.437	2.0	2.72	0.5	M10	1.81	HC205 x 7/8	SWG25	0.8
SWG205 x 15/16A		15/16									HC205 x 15/16		
SWG205 x 1A		1									HC205 x 1		
SWG206 x 30AMM	30		98	40	42.9	76.2	82	13		54.1	HC206 x 30MM		
SWG206 x 1-1/8A		1-1/8	3.86	1.57	1.687	3.0	3.23	0.5	M10	2.13	HC206 x 1-1/8	SWG30	1.3
SWG206 x 1-3/16A		1-3/16									HC206 x 1-3/16		
SWG206 x 1-1/4A		1-1/4									HC206 x 1-1/4		
SWG207 x 35AMM	35		103	45	47.6	82.6	93	13		56.3	HC207 x 35MM		
SWG207 x 1-1/4A		1-1/4	4.06	1.77	1.875	3.3	3.66	0.5	M10	2.22	HC207 x 1-1/4	SWG35	1.7
SWG207 x 1-3/8A		1-3/8									HC207 x 1-3/8		
SWG207 x 1-7/16A		1-7/16									HC207 x 1-7/16		
SWG208 x 40AMM	40		116	48	49.2	88.9	98	15	M12	61.9	HC208 x 40MM	SWG40	2.0
SWG208 x 1-1/2A		1-1/2	4.57	1.89	1.937	3.5	3.86	0.6		2.44	HC208 x 1-1/2		
SWG209 x 45AMM	45		120	48	54	95.3	108	12		61.9	HC209 x 45MM		
SWG209 x 1-5/8A		1-5/8	4.72	1.89	2.125	3.8	4.25	0.6	M12	2.44	HC209 x 1-5/8	SWG45	2.3
SWG209 x 1-11/16A		1-11/16									HC209 x 1-11/16		
SWG209 x 1-3/4A		1-3/4									HC209 x 1-3/4		
SWG210 x 50AMM	50		135	54	57.2	101.6	116	20		68.1	HC210 x 50MM		
SWG210 x 1-7/8A		1-7/8	5.31	2.13	2.250	4.0	4.57	0.8	M16	2.68	HC210 x 1-7/8	SWG50	2.9
SWG210 x 1-15/16A		1-15/16									HC210 x 1-15/16		
SWG210 x 2A		2									HC210 x 2		
SWG211 x 55AMM	55		140	60	63.5	118.0	126	20		76.6	HC211 x 55MM		
SWG211 x 2A		2	5.51	2.36	2.500	4.6	4.96	0.8	M16	302	HC211 x 2	SWG55	3.8
SWG211 x 2-1/8A		2-1/8									HC211 x 2-1/8		
SWG211 x 2-3/16A		2-3/16									HC211 x 2-3/16		
SWG212 x 60AMM	60		148	60	69.8	118.0	140	20		80.8	HC212 x 60MM		
SWG212 x 2-1/4A		2-1/4	5.83	2.36	2.750	4.6	5.51	0.8	M16	3.18	HC212 x 2-1/4	SWG60	5.4
SWG212 x 2-3/8A		2-3/8									HC212 x 2-3/8		
SWG212 x 2-7/16A		2-7/16									HC212 x 2-7/16		

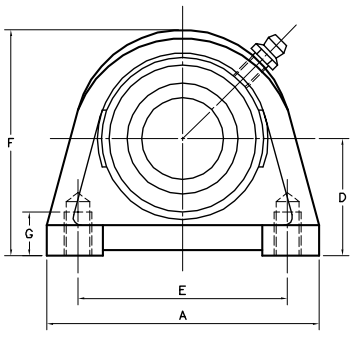
Note: Set Screw and Adapter Lock Bearings also available from stock.

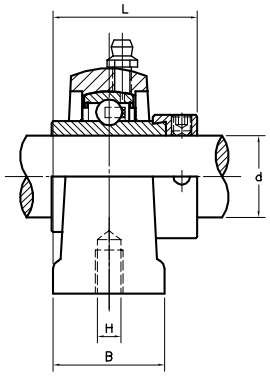
Tapped Base Pillow Block

SWG 200 Silver Series

Euro Style
Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L			
SWG201-12MM	12		63	30	30.2	47	57	10		42.4	SA201-12MM		
SWG202-15MM	15										SA202-15MM		
SWG203-17MM	17								M8		SA203-17MM	SWG203	0.6
SWG201-8		1/2	2.48	1.18	1.187	1.85	2.24	0.39		1.67	SA201-8		
SWG202-10		5/8									SA202-10		
SWG203-11		11/16									SA203-11		
SWG204-20AMM	20		65	32	33.3	50.8	64	10	M8	45.6	HC204-20MM	SWG20	0.7
SWG204-12A		3/4	2.56	1.26	1.312	2.0	2.52	0.39		1.80	HC204-12		
SWG205-25AMM	25		70	36	36.5	50.8	69	13		45.9	HC205-25MM		
SWG205-14A		7/8	2.76	1.42	1.437	2.0	2.72	0.5	M10	1.81	HC205-14	SWG25	0.8
SWG205-15A		15/16									HC205-15		
SWG205-16A		1									HC205-16		
SWG206-30AMM	30		98	40	42.9	76.2	82	13		54.1	HC206-30MM		
SWG206-18A		1-1/8	3.86	1.57	1.687	3.0	3.23	0.5	M10	2.13	HC206-18	SWG30	1.3
SWG206-19A		1-3/16									HC206-19		
SWG206-20A		1-1/4									HC206-20		
SWG207-35AMM	35		103	45	47.6	82.6	93	13		56.2	HC207-35MM		
SWG207-20A		1-1/4	4.06	1.77	1.875	3.3	3.66	0.5	M10	2.21	HC207-20	SWG35	1.7
SWG207-22A		1-3/8									HC207-22		
SWG207-23A		1-7/16									HC207-23		
SWG208-40AMM	40		116	48	49.2	88.9	98	15	M12	61.9	HC208-40MM	SWG40	2.0
SWG208-24A		1-1/2	4.57	1.89	1.937	3.5	3.86	0.6		2.44	HC208-24		
SWG209-45AMM	45		120	48	54	95.3	108	12		61.9	HC209-45MM		
SWG209-26A		1-5/8	4.72	1.89	2.125	3.8	4.25	0.6	M12	2.44	HC209-26	SWG45	2.3
SWG209-27A		1-11/16									HC209-27		
SWG209-28A		1-3/4									HC209-28		
SWG210-50AMM	50		135	54	57.2	101.6	116	20		68.1	HC210-50MM		
SWG210-30A		1-7/8	5.31	2.13	2.250	4.0	4.57	0.8	M16	2.68	HC210-30	SWG50	2.9
SWG210-31A		1-15/16									HC210-31		
SWG210-32A		2									HC210-32		
SWG211-55AMM	55		140	60	63.5	118.0	126	20		76.6	HC211-55MM		
SWG211-32A		2	5.51	2.36	2.500	4.6	4.96	0.8	M16	3.02	HC211-32	SWG55	3.8
SWG211-34A		2-1/8									HC211-34		
SWG211-35A		2-3/16									HC211-35		
SWG212-60AMM	60		148	60	69.8	118.0	140	20		80.8	HC212-60MM		
SWG212-36A		2-1/4	5.83	2.36	2.750	4.6	5.51	0.8	M16	3.18	HC212-36	SWG60	5.4
SWG212-38A		2-3/8									HC212-38		
SWG212-39A		2-7/16									HC212-39		

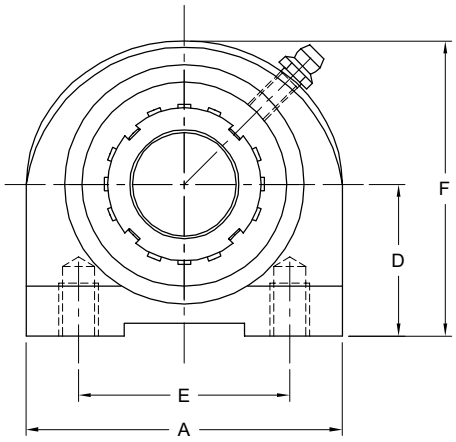
Note: Set Screw and Adapter Lock Bearings also available from stock

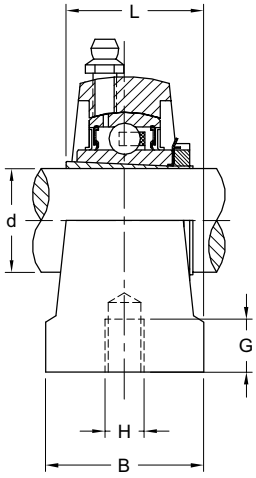
Tapped Base Pillow Block

GSHTB 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L				
GSHTB204-20MM	20		73	38	33.3	50.8	65	12.7	—	37.9	GSH204	H204GSH-20MM	TB204	0.7
GSHTB204-12		3/4	2.87	1.5	1.312	2.0	2.56	0.50	3/8-16	1.49		H204GSH-12		
GSHTB205-25MM	25		76	38	36.5	50.8	71	12.7	—	36.0		H205GSH-25MM		
GSHTB205-15		15/16	2.99	1.5	1.437	2.0	2.80	0.50	3/8-16	1.42	GSH205	H205GSH-15	TB205	0.8
GSHTB205-16		1										H205GSH-16		
GSHTB206-30MM	30		102	38	42.9	76.2	87	16	—	41.7	GSH206	H206GSH-30MM	TB206	1.3
GSHTB206-19		1-3/16	4.02	1.5	1.687	3.0	3.42	0.63	7/16-14	1.64		H206GSH-19		
GSHTB207-35MM	35		108	48	47.6	82.6	95	19	—	48.6		H207GSH-35MM		
GSHTB207-20		1-1/4	4.25	1.9	1.875	3.25	3.7	0.75	1/2-13	1.91	GSH207	H207GSH-20	TB207	1.7
GSHTB207-22		1-3/8										H207GSH-22		
GSHTB208-40MM	40		117	48	49.2	88.9	100	19	—	51.9	GSH208	H208GSH-40MM	TB208	2.0
GSHTB208-24		1-1/2	4.63	1.9	1.937	3.5	3.9	0.75	1/2-13	2.04		H208GSH-24		
GSHTB209-45MM	45		127	51	54.2	95.3	108	19	—	53.1	GSH209	H209GSH-45MM	TB209	2.3
GSHTB209-28		1-3/4	5.00	2.01	2.125	3.75	4.2	0.75	1/2-13	2.09		H209GSH-28		
GSHTB210-50MM	50		140	51	57.2	101.6	117.5	22	5/8-11	51.9		H210GSH-50MM		
GSHTB210-31		1-15/16	5.51	2.01	2.250	4.0	4.63	0.87	—	2.04	GSH210	H210GSH-31	TB210	2.9
GSHTB210-32		2										H210GSH-32		

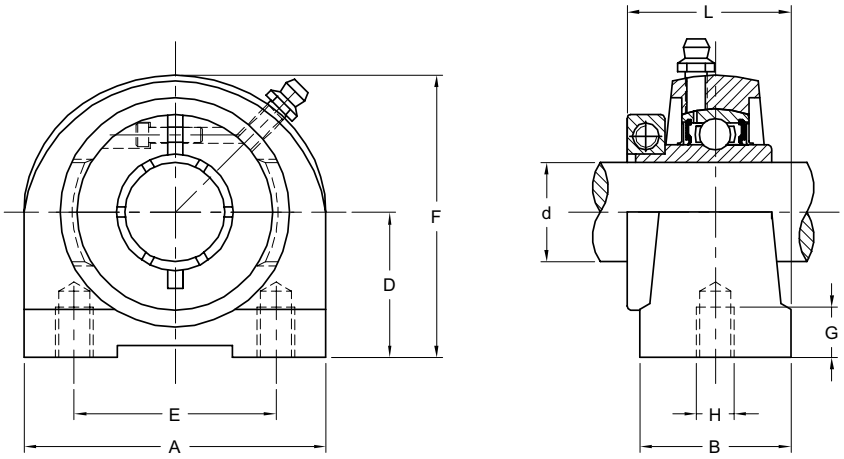
Tapped Base Pillow Block

CLTB 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	D	E	F	G	H	L			
CLTB204-20MM	20		73	38	33.3	50.8	65	12.7	—	38.8	CL204-20MM	TB204	0.7
CLTB204-12		3/4	2.87	1.5	1.312	2.0	2.56	0.50	3/8-16	1.53	CL204-12		
CLTB205-25MM	25		76	38	36.5	50.8	71	12.7	—	41.2	CL205-25MM	TB205	0.8
CLTB205-14		7/8	2.99	1.5	1.437	2.0	2.80	0.50	3/8-16	1.62	CL205-14		
CLTB205-15		15/16									CL205-15		
CLTB205-16		1									CL205-16		
CLTB206-30MM	30		102	38	42.9	76.2	87	16	—	42.8	CL206-30MM	TB206	1.3
CLTB206-18		1-1/8	4.02	1.5	1.687	3.0	3.42	0.63	7/16-14	1.69	CL206-18		
CLTB206-19		1-3/16									CL206-19		
CLTB206-20		1-1/4									CL206-20		
CLTB207-35MM	35		108	48	47.6	82.6	95	19	—	51.0	CL207-35MM	TB207	1.7
CLTB207-20		1-1/4	4.25	1.9	1.875	3.25	3.7	0.75	1/2-13	2.01	CL207-20		
CLTB207-22		1-3/8									CL207-22		
CLTB207-23		1-7/16									CL207-23		
CLTB208-40MM	40		117	48	49.2	88.9	100	19	—	55.8	CL208-40MM	TB208	2.0
CLTB208-24		1-1/2	4.63	1.9	1.937	3.5	3.9	0.75	1/2-13	2.20	CL208-24		
CLTB209-45MM	45		127	51	54.2	95.3	108	19	—	57.3	CL209-45MM	TB209	2.3
CLTB209-26		1-5/8	5.00	2.01	2.125	3.75	4.2	0.75	1/2-13	2.25	CL206-26		
CLTB209-27		1-11/16									CL209-27		
CLTB209-28		1-3/4									CL209-28		
CLTB210-50MM	50		140	51	57.2	101.6	117.5	22	—	59.6	CL210-50MM	TB210	2.9
CLTB210-30		1-7/8	5.51	2.01	2.250	4.0	4.63	0.87	5/8-11	2.34	CL210-30		
CLTB210-31		1-15/16									CL210-31		
CLTB210-32		2									CL210-32		

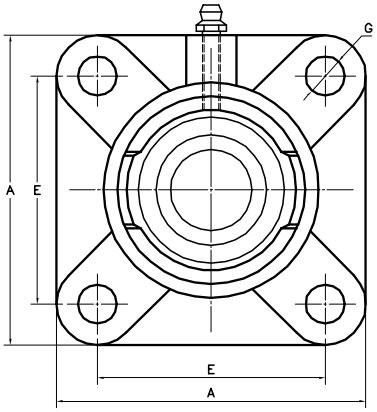
Note: Other sizes available on request.

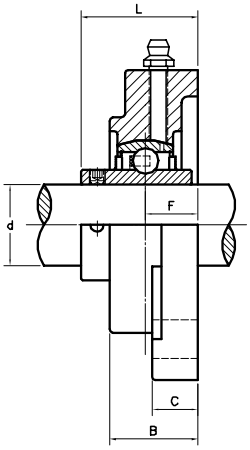
4-Bolt Flange

UCF 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
UCF204 x 20MM UCF204 x 3/4	20	 3/4	86 3.39	25.5 1.00	12 0.47	64 2.52	15 0.59	12 0.47	33.3 1.31	UC204 x 20MM UC204 x 3/4	F204	0.6
UCF205 x 25MM UCF205 x 7/8 UCF205 x 15/16 UCF205 x 1	25	 7/8 15/16 1	95 3.74	27 1.06	14 0.55	70 2.76	16 0.63	12 0.47	35.0 1.41	UC205 x 25MM UC205 x 7/8 UC205 x 15/16 UC205 x 1	F205	0.8
UCF206 x 30MM UCF206 x 1-1/8 UCF206 x 1-3/16 UCF206 x 1-1/4	30	 1-1/8 1-3/16 1-1/4	108 4.25	31 1.22	14.3 0.56	83 3.27	18 0.71	12 0.47	40.2 1.58	UC206 x 30MM UC206 x 1-1/8 UC206 x 1-3/16 UC206 x 1-1/4	F206	1.1
UCF207 x 35MM UCF207 x 1-1/4 UCF207 x 1-3/8 UCF207 x 1-7/16	35	 1-1/4 1-3/8 1-7/16	117 4.61	34 1.34	15.5 0.61	92 3.62	19 0.75	14 0.55	44.4 1.75	UC207 x 35MM UC207 x 1-1/4 UC207 x 1-3/8 UC207 x 1-7/16	F207	1.5
UCF208 x 40MM UCF208 x 1-1/2	40	 1-1/2	130 5.12	36 1.42	15.5 0.61	102 4.02	21 0.83	16 0.63	51.2 2.02	UC208 x 40MM UC208 x 1-1/2	F208	1.8
UCF209 x 45MM UCF209 x 1-5/8 UCF209 x 1-11/16 UCF209 x 1-3/4	45	 1-5/8 1-11/16 1-3/4	137 5.39	38 1.50	17.5 0.69	105 4.13	22 0.87	16 0.63	52.2 2.06	UC209 x 45MM UC209 x 1-5/8 UC209 x 1-11/16 UC209 x 1-3/4	F209	2.3
UCF210 x 50MM UCF210 x 1-7/8 UCF210 x 1-15/16 UCF210 x 2	50	 1-7/8 1-15/16 2	143 5.63	40 1.57	17 0.69	111 4.37	22 0.87	16 0.63	54.6 2.15	UC210 x 50MM UC210 x 1-7/8 UC210 x 1-15/16 UC210 x 2	F210	2.6
UCF211 x 55MM UCF211 x 2 UCF211 x 2-1/8 UCF211 x 2-3/16	55	 2 2-1/8 2-3/16	162 6.38	43 1.69	19.5 0.77	130 5.12	25 0.98	19 0.75	58.4 2.30	UC211 x 55MM UC211 x 2 UC211 x 2-1/8 UC211 x 2-3/16	F211	3.4
UCF212 x 60MM UCF212 x 2-1/4 UCF212 x 2-3/8 UCF212 x 2-7/16	60	 2-1/4 2-3/8 2-7/16	175 6.89	48 1.89	19.5 0.77	143 5.63	29 1.14	19 0.75	68.7 2.70	UC212 x 60MM UC212 x 2-1/4 UC212 x 2-3/8 UC212 x 2-7/16	F212	4.3
UCF213 x 65MM UCF213 x 2-1/2	65	 2-1/2	187 7.36	50 1.97	23 0.91	149 5.87	30 1.18	19 0.75	69.7 2.74	UC213 x 65MM UC213 x 2-1/2	F213	5.7
UCF214 x 70MM UCF214 x 2-11/16 UCF214 x 2-3/4	70	 2-11/16 2-3/4	193 7.60	54 2.13	23 0.91	152 5.98	31 1.22	19 0.75	75.4 2.97	UC214 x 70MM UC214 x 2-11/16 UC214 x 2-3/4	F214	6.1
UCF215 x 75MM UCF215 x 2-15/16 UCF215 x 3	75	 2-15/16 3	200 7.87	56 2.20	23 0.91	159 6.26	34 1.34	19 0.75	78.5 3.09	UC215 x 75MM UC215 x 2-15/16 UC215 x 3	F215	6.7
UCF216 x 80MM UCF216 x 3-1/8	80	 3-1/8	208 8.19	58 2.28	24 0.94	165 6.50	34 1.34	23 0.91	83.3 3.28	UC216 x 80MM UC216 x 3-1/8	F216	7.9
UCF217 x 85MM UCF217 x 3-1/4	85	 3-1/4	220 8.19	63 2.48	25 0.98	175 6.89	36 1.42	23 0.91	87.6 3.45	UC217 x 85MM UC217 x 3-1/4	F217	10.7
UCF218 x 90MM UCF218 x 3-1/2	90	 3-1/2	235 9.25	68 2.68	26 1.02	187 7.36	40 1.57	23 0.91	96.3 3.79	UC218 x 90MM UC218 x 3-1/2	F218	12.8

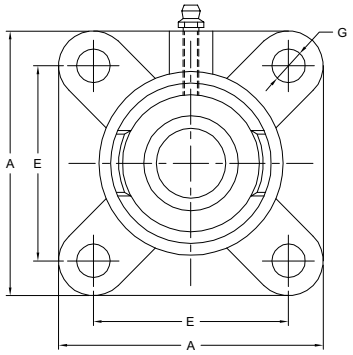
Note: Eccentric and Adapter Lock Bearings also available from stock.

4-Bolt Flange

UCF 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
UCF201-12MM UCF202-15MM UCF203-17MM UCF201-8 UCF202-10 UCF203-11	12 15 17 	 1/2 5/8 11/16	76.2 3.39 	25.5 1.00 	9.5 0.43 	54 2.12 	15 0.59 	12 0.47 	30.9 1.22 	UC201-12MM UC202-15MM UC203-17MM UC201-8 UC202-10 UC203-11	F203	0.5
UCF204-20MM UCF204-12	20	 3/4	86 3.39	25.5 1.00	12 0.47	64 2.52	15 0.59	12 0.47	33.3 1.31	UC204-20MM UC204-12	F204	0.6
UCF205-25MM UCF205-14 UCF205-15 UCF205-16	25	 7/8 15/16 1	95 3.74	27 1.06	14.3 0.55	70 2.76	16 0.63	12 0.47	35.7 1.41	UC205-25MM UC205-14 UC205-15 UC205-16	F205	0.8
UCF206-30MM UCF206-18 UCF206-19 UCF206-20	30	 1-1/8 1-3/16 1-1/4	108 4.25	31 1.22	14.3 0.56	83 3.27	18 0.71	12 0.47	40.2 1.58	UC206-30MM UC206-18 UC206-19 UC206-20	F206	1.1
UCF207-35MM UCF207-20 UCF207-22 UCF207-23	35	 1-1/4 1-3/8 1-7/16	117 4.61	34 1.34	15.5 0.61	92 3.62	19 0.75	14 0.55	44.4 1.75	UC207-35MM UC207-20 UC207-22 UC207-23	F207	1.5
UCF208-40MM UCF208-24	40	 1-1/2	130 5.12	36 1.42	15.5 0.61	102 4.02	21 0.83	16 0.63	51.2 2.02	UC208-40MM UC208-24	F208	1.8
UCF209-45MM UCF209-26 UCF209-27 UCF209-28	45	 1-5/8 1-11/16 1-3/4	137 5.39	38 1.50	17.5 0.69	105 4.13	22 0.87	16 0.63	52.2 2.06	UC209-45MM UC209-26 UC209-27 UC209-28	F209	2.3
UCF210-50MM UCF210-30 UCF210-31 UCF210-32	50	 1-7/8 1-15/16 2	143 5.63	40 1.57	17 0.69	111 4.37	22 0.87	16 0.63	54.6 2.15	UC210-50MM UC210-30 UC210-31 UC210-32	F210	2.6
UCF211-55MM UCF211-32 UCF211-34 UCF211-35	55	 2 2-1/8 2-3/16	162 6.38	43 1.69	19.5 0.77	130 5.12	25 0.98	19 0.75	58.4 2.30	UC211-55MM UC211-32 UC211-34 UC211-35	F211	3.4
UCF212-60MM UCF212-36 UCF212-38 UCF212-39	60	 2-1/4 2-3/8 2-7/16	175 6.89	48 1.89	19.5 0.77	143 5.63	29 1.14	19 0.75	68.7 2.70	UC212-60MM UC212-36 UC212-38 UC212-39	F212	4.3
UCF213-65MM UCF213-40	65	 2-1/2	187 7.36	50 1.97	23 0.91	149 5.87	30 1.18	19 0.75	69.7 2.74	UC213-65MM UC213-40	F213	5.7
UCF214-70MM UCF214-43 UCF214-44	70	 2-11/16 2-3/4	193 7.60	54 2.13	23 0.91	152 5.98	31 1.22	19 0.75	75.4 2.97	UC214-70MM UC214-43 UC214-44	F214	6.1
UCF215-75MM UCF215-47 UCF215-48	75	 2-15/16 3	200 7.87	56 2.20	23 0.91	159 6.26	34 1.34	19 0.75	78.5 3.09	UC215-75MM UC215-47 UC215-48	F215	6.7
UCF216-80MM UCF216-50	80	 3-1/8	208 8.19	58 2.28	24 0.94	165 6.50	34 1.34	23 0.91	83.3 3.28	UC216-80MM UC216-50	F216	7.9
UCF217-85MM UCF217-52	85	 3-1/4	220 8.19	63 2.48	25 0.98	175 6.89	36 1.42	23 0.91	87.6 3.45	UC217-85MM UC217-52	F217	10.7
UCF218-90MM UCF218-56	90	 3-1/2	235 9.25	68 2.68	26 1.02	187 7.36	40 1.57	23 0.91	96.3 3.79	UC218-90MM UC218-56	F218	12.8

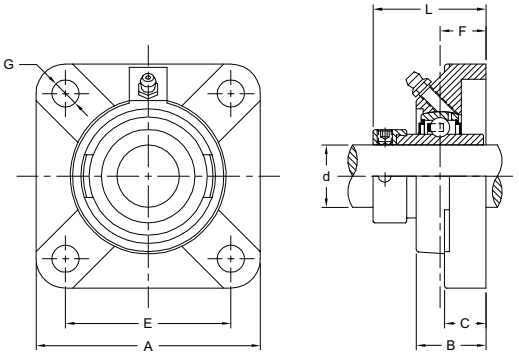
Note: Eccentric or Adapter Lock Bearings also available from stock.

4-Bolt Flange

FWS 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
FWS204 x 20AMM FWS204 x 3/4A	20	 3/4	85 3.35	27 1.06	13 0.51	63.5 2.50	18.1 0.71	11.5 0.45	44.7 1.76	HC204 x 20MM HC204 x 3/4	FWS204U	0.8
FWS205 x 25AMM FWS205 x 7/8A FWS205 x 15/16A FWS205 x 1A	25	 7/8 15/16 1	93 3.66	29 1.14	11 0.43	70 2.76	18.5 0.73	11.5 0.45	45.4 1.79	HC205 x 25MM HC205 x 7/8 HC205 x 15/16 HC205 x 1	FSW205U	1.0
FWS206 x 30AMM FWS206 x 1-1/8A FWS206 x 1-3/16A FWS206 x 1-1/4A	30	 1-1/8 1-3/16 1-1/4	108 4.25	32 1.26	16 0.63	83 3.27	19.3 0.76	11.5 0.45	49.4 1.95	HC206 x 30MM HC206 x 1-1/8 HC206 x 1-3/16 HC206 x 1-1/4	FWS206U	1.5
FWS207 x 35AMM FWS207 x 1-1/4A FWS207 x 1-3/8A FWS207 x 1-7/16A	35	 1-1/4 1-3/8 1-7/16	116 4.57	35 1.38	17 0.67	92 3.62	19.6 0.77	14 0.55	51.9 2.04	HC207 x 35MM HC207 x 1-1/4 HC207 x 1- 3/8 HC207 x 1-7/16	FWS207U	2.0
FWS208 x 40AMM FWS208 x 1-1/2A	40	 1-1/2	130 5.12	37 1.46	18 0.71	102 4.02	22.5 0.89	14 0.55	57.4 2.26	HC208 x 40MM HC208 x 1-1/2	FWS208U	2.6
FWS209 x 45AMM FWS209 x 1-5/8A FWS209 x 1-11/16A FWS209 x 1-3/4A	45	 1-5/8 1-11/16 1-3/4	138 5.43	41 1.61	18 0.71	105 4.13	23.8 0.94	14 0.55	58.7 2.31	HC209 x 45MM HC209 x 1-5/8 HC209 x 1-11/16 HC209 x 1-3/4	FWS209	2.9
FWS210 x 50AMM FWS210 x 1-7/8A FWS210 x 1-15/16A FWS210 x 2A	50	 1-7/8 1-15/16 2	143 5.63	47.5 1.87	16.5 0.65	111 4.37	28.4 1.12	18 0.71	66.5 2.62	HC210 x 50MM HC210 x 1-7/8 HC210 x 1-15/16 HC210 x 2	FWS210	3.5
FWS211 x 55AMM FWS211 x 2A FWS211 x 2-1/8A FWS211 x 2-3/16A	55	 2 2-1/8 2-3/16	162 6.38	51.8 2.04	20 0.79	130 5.12	29.0 1.14	18 0.71	72.9 2.87	HC211 x 55MM HC211 x 2 HC211 x 2-1/8 HC211 x 2-3/16	FWS211	4.8
FWS212 x 60AMM FWS212 x 2-1/4A FWS212 x 2-3/8A FWS212 x 2-7/16A	60	 2-1/4 2-3/8 2-7/16	175 6.89	53 2.09	19 0.75	143 5.63	32.5 1.28	18 0.71	79.8 3.14	HC212 x 60MM HC212 x 2-1/4 HC212 x 2-3/8 HC212 x 2-7/16	FWS212	5.7
FWS213 x 65AMM FWS213 x 2-1/2A	65	 2-1/2	184 7.24	58 2.28	22 0.87	150 5.90	38 1.50	20 0.79	82.6 3.25	HC213 x 65MM HC213 x 2-1/2	FWS213	6.1
FWS214 x 70AMM FWS214 x 2-11/16A FWS214 x 2-3/4A	70	 2-11/16 2-3/4	188 7.40	60 2.36	23 0.91	150 5.98	38 1.50	20 0.79	82.6 3.25	HC214 x 70MM HC214 x 2-11/16 HC214 x 2-3/4	FWS214	7.7
FWS215 x 75AMM FWS215 x 2-15/16A FWS215 x 3A	75	 2-15/16 3	200 7.87	62 2.44	24 0.94	153 6.02	41 1.61	23 0.91	86.6 3.41	HC215 x 75MM HC215 x 2-15/16 HC215 x 3	FWS215	7.9
FWS216 x 80AMM FWS216 x 3-1/8A	80	 3-1/8	208 8.15	63 2.48	22 0.87	153 6.02	42 1.65	23 0.91	89.6 3.53	HC216 x 80MM HC216 x 3-1/8	FWS216	8.0
FWS218 x 90AMM FWS218 x 3-1/2A	90	 3-1/2	235 9.25	68 2.68	28 1.1	187 7.36	46 1.81	23 0.91	92.5 3.64	HC218 x 90MM HC218 x 3-1/2	FWS218	11.0
FWS220 x 100AMM	100	—	265	46	25	210	28	27	77.5	HC220 x 100MM	FWS220	12.3
FWS224 x 120AMM	120	—	305	51	28	240	31	30	83.5	HC224 x 120MM	FWS224	18.0

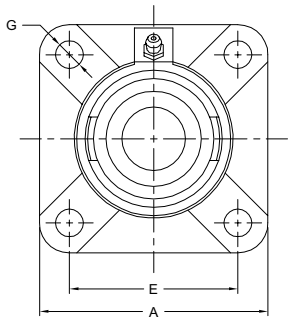
Note: Set Screw and Adapter Lock Bearings also available from stock.

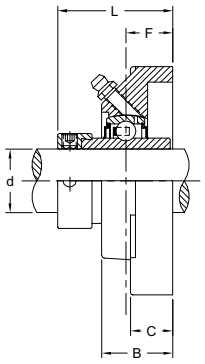
4-Bolt Flange

FWS 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
FWS204-20AMM FWS204-12A	20	 3/4	85 3.35	27 1.06	13 0.51	63.5 2.50	18.1 0.71	11.5 0.45	44.7 1.76	HC204-20MM HC204-12	FWS204U	0.8
FWS205-25AMM FWS205-14A FWS205-15A FWS205-16A	25	 7/8 15/16 1	93 3.66	29 1.14	11 0.43	70 2.76	18.5 0.75	11.5 0.45	45.5 1.79	HC205-25MM HC205-14 HC205-15 HC205-16	FWS205U	1.0
FWS206-30AMM FWS206-18A FWS206-19A FWS206-20A	30	 1-1/8 1-3/16 1-1/4	108 4.25	32 1.26	16 0.63	83 3.27	19.3 0.76	11.5 0.45	49.4 1.95	HC206-30MM HC206-18 HC206-19 HC206-20	FWS206U	1.5
FWS207-35AMM FWS207-20A FWS207-22A FWS207-23A	35	 1-1/4 1-3/8 1-7/16	116 4.57	35 1.38	17 0.67	92 3.62	21 0.83	14 0.55	51.9 2.04	HC207-35MM HC207-20 HC207-22 HC207-23	FWS207U	2.0
FWS208-40AMM FWS208-24A	40	 1-1/2	130 5.12	37 1.46	18 0.71	102 4.02	22.5 0.89	14 0.55	57.4 2.26	HC208-40MM HC208-24	FWS208U	2.6
FWS209-45AMM FWS209-26A FWS209-27A FWS209-28A	45	 1-5/8 1-11/16 1-3/4	138 5.43	41 1.61	18 0.71	105 4.13	24 0.95	14 0.55	58.7 2.31	HC209-45MM HC209-26 HC209-27 HC209-28	FWS209	2.9
FWS210-50AMM FWS210-30A FWS210-31A FWS210-32A	50	 1-7/8 1-15/16 2	143 5.63	47.5 1.87	16.5 0.65	111 4.37	28.4 1.12	18 0.71	66.5 2.62	HC210-50MM HC210-30 HC210-31 HC210-32	FWS210	3.5
FWS211-55AMM FWS211-32A FWS211-34A FWS211-35A	55	 2 2-1/8 2-3/16	162 6.38	51.8 2.04	20 0.79	130 5.12	29.3 1.15	18 0.71	72.6 2.86	HC211-55MM HC211-32 HC211-34 HC211-35	FWS211	4.8
FWS212-60AMM FWS212-36A FWS212-38A FWS212-39A	60	 2-1/4 2-3/8 2-7/16	175 6.89	53 2.09	19.5 0.77	143 5.63	33 1.30	18 0.71	79.3 3.12	HC212-60MM HC212-36 HC212-38 HC212-39	FWS212	5.7
FWS213-65AMM FWS213-40A	65	 2-1/2	184 7.24	58 2.28	22 .87	150 5.91	38 1.50	20 0.79	89.7 3.53	HC213-65MM HC213-40	FWS213	6.1
FWS214-70AMM FWS214-43A FWS214-44A	70	 2-11/16 2-3/4	188 7.40	60 2.36	23 0.91	150 5.91	38 1.50	20 0.79	89.7 3.53	HC214-70MM HC214-43 HC214-44	FWS214	7.7
FWS215-75AMM FWS215-47A FWS215-48A	75	 2-15/16 3	200 7.87	62 2.44	24 0.94	153 6.02	41 1.61	23 0.91	95.8 3.77	HC215-75MM HC215-47 HC215-48	FWS215	7.9
FWS216-80AMM FWS216-50A	80	 3-1/8	207 8.15	63 2.48	25 0.98	153 6.02	42 1.65	23 0.91	89.6 3.53	HC216-80MM HC216-50	FWS216	8.0
FWS218-90AMM FWS218-56A	90	 3-1/2	235 9.25	68 2.68	25 0.98	187 7.36	46 1.81	23 0.91	92.5 3.64	HC218-90MM HC218-56	FWS218	11.0
FWS220-100AMM	100	-	265	46	25	210	28	27	77.5	HC220-100MM	FWS220	12.3
FWS224-120AMM	120	-	305	51	28	240	31	30	83.5	HC224-120MM	FWS224	18.0

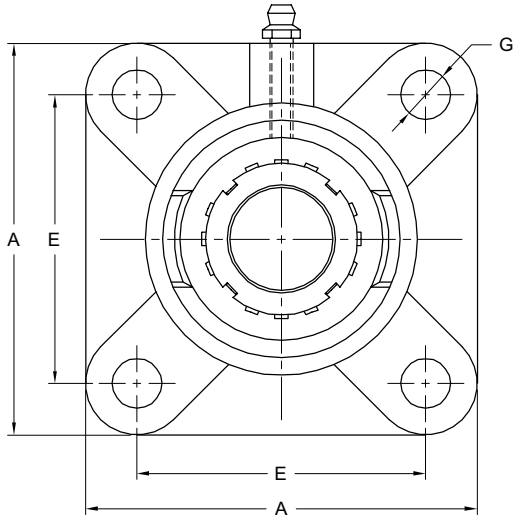
Note: Set Screw and Adapter Lock Bearings also available from stock.

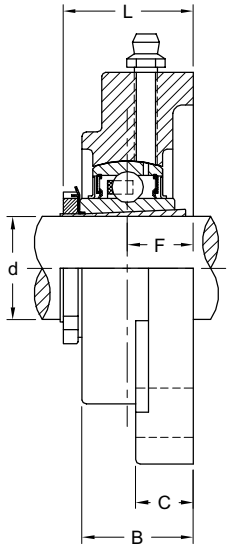
4-Bolt Flange

GSHF 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L				
GSHF204-20MM	20		86	25.5	12	64	15	12	33.9	GSH204	H204GSH-20MM	F204	0.6
GSHF204-12		3/4	3.39	1.00	0.47	2.52	0.59	0.47	1.33		H204GSH-12		
GSHF205-25MM	25		95	27	14.3	70	16	12	33.0		H205GSH-25MM		
GSHF205-15		15/16	3.74	1.06	0.55	2.76	0.63	0.47	1.30	GSH205	H205GSH-15	F205	0.8
GSHF205-16		1									H205GSH-16		
GSHF206-30MM	30		108	31	14.3	83	18	12	40.7	GSH206	H206GSH-30MM	F206	1.1
GSHF206-19		1-3/16	4.25	1.22	0.56	3.27	0.71	0.47	1.60		H206GSH-19		
GSHF207-35MM	35		117	34	15.5	92	19	14	43.6		H207GSH-35MM		
GSHF207-20		1-1/4	4.61	1.34	0.61	3.62	0.75	0.55	1.72	GSH207	H207GSH-20	F207	1.5
GSHF207-22		1-3/8									H207GSH-22		
GSHF208-40MM	40		130	36	15.5	102	21	16	48.9	GSH208	H208GSH-40MM	F208	1.8
GSHF208-24		1-1/2	5.12	1.42	0.61	4.02	0.83	0.63	1.93		H208GSH-24		
GSHF209-45MM	45		137	38	17.5	105	22	16	49.6	GSH209	H209GSH-45MM	F209	2.3
GSHF209-28		1-3/4	5.39	1.50	0.69	4.13	0.87	0.63	1.95		H209GSH-28		
GSHF210-50MM	50		143	40	17	111	22	16	48.4		H210GSH-50MM		
GSHF210-31		1-15/16	5.63	1.57	0.69	4.37	0.87	0.63	1.91	GSH210	H210GSH-31	F210	2.6
GSHF210-32		2									H210GSH-32		

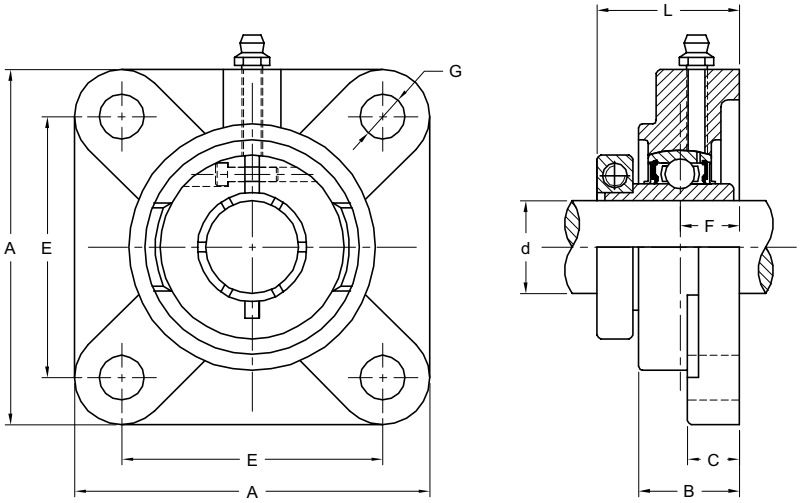
4-Bolt Flange

CLF 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
CLF204-20MM	20		86	25.5	12	64	15	12	34.8	CL204-20MM	F204	0.5
CLF204-12		3/4	3.39	1.00	0.47	2.52	0.59	0.47	1.37	CL204-12		
CLF205-25MM	25		95	27	14.3	70	16	12	38.1	CL205-25MM	F205	0.7
CLF205-14		7/8	3.74	1.06	0.55	2.76	0.63	0.47	1.50	CL205-14		
CLF205-15		15/16								CL205-15		
CLF205-16		1								CL205-16		
CLF206-30MM	30		108	31	14.3	83	18	12	41.8	CL206-30MM	F206	0.9
CLF206-18		1-1/8	4.25	1.22	0.56	3.27	0.71	0.47	1.65	CL206-18		
CLF206-19		1-3/16								CL206-19		
CLF206-20		1-1/4								CL206-20		
CLF207-35MM	35		117	34	15.5	92	19	14	46.0	CL207-35MM	F207	1.1
CLF207-20		1-1/4	4.61	1.34	0.61	3.62	0.75	0.55	1.81	CL207-20		
CLF207-22		1-3/8								CL207-22		
CLF207-23		1-7/16								CL207-23		
CLF208-40MM	40		130	36	15.5	102	21	16	52.8	CL208-40MM	F208	1.2
CLF208-24		1-1/2	5.12	1.42	0.61	4.02	0.83	0.63	2.08	CL208-24		
CLF209-45MM	45		137	38	17.5	105	22	16	53.8	CL209-45MM	F209	1.6
CLF209-26		1-5/8	5.39	1.50	0.69	4.13	0.87	0.63	2.12	CL209-26		
CLF209-27		1-11/16								CL209-27		
CLF209-28		1-3/4								CL209-28		
CLF210-50MM	50		143	40	17	111	22	16	56.1	CL210-50MM	F210	1.9
CLF210-31		1-15/16	5.63	1.57	0.69	4.37	0.87	0.63	2.21	CL210-31		
CLF210-32		2								CL210-32		
CLF211-55MM	55		162	43	19.5	130	25	19	59.9	CL211-55MM	F211	2.3
CLF211-32		2	6.38	1.69	0.77	5.12	0.98	0.75	2.36	CL211-32		
CLF211-34		2-1/8								CL211-34		
CLF211-35		2-3/16								CL211-35		
CLF212-60MM	60		175	48	19.5	143	29	19	70.3	CL212-60MM	F212	3.4
CLF212-36		2-1/4	6.89	1.89	0.77	5.63	1.14	0.75	2.77	CL212-36		
CLF212-38		2-3/8								CL212-38		
CLF212-39		2-7/16								CL212-39		

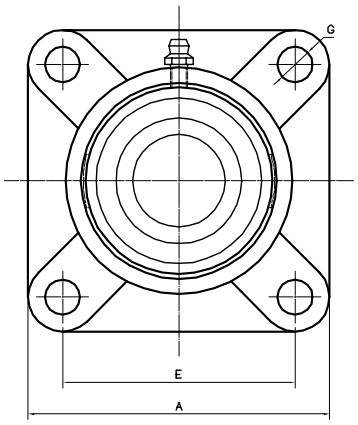
Note: Other sizes available on request.

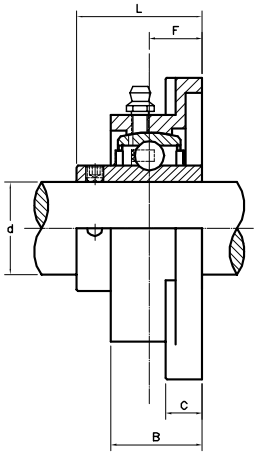
Medium Duty 4-Bolt Flange

UCFX Silver Series

Medium Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







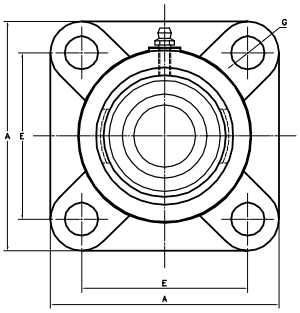
Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
UCFX05-25MM	25		108	30	12.7	83	18	12	40.2	UCX05-25MM	FX05	1.4
UCFX05-16		1	4.25	1.18	0.50	3.25	0.71	0.47	1.58	UCX05-16		
UCFX06-30MM	30		117	34	14.3	92	19	16	44.4	UCX06-30MM	FX06	1.8
UCFX06-18		1-1/8	4.61	1.34	0.56	3.62	0.75	0.63	1.75	UCX06-18		
UCFX06-19		1-3/16								UCX06-19		
UCFX06-20		1-1/4								UCX06-20		
UCFX07-35MM	35		130	38	14.3	102	21	16	51.2	UCX07-35MM	FX07	2.3
UCFX07-20		1-1/4	5.12	1.50	0.56	4	0.83	0.63	2.00	UCX07-20		
UCFX07-23		1-7/16								UCX07-23		
UCFX08-40MM	40		137	40	14.3	105	22	19	52.2	UCX08-40MM	FX08	2.8
UCFX08-24		1-1/2	5.39	1.57	0.56	4.13	0.87	0.75	2.06	UCX08-24		
UCFX09-45MM	45		143	40	14.3	111	23	19	55.6	UCX09-45MM	FX09	3.2
UCFX09-27		1-11/16	5.63	1.57	0.56	4.37	0.91	0.63	2.19	UCX09-27		
UCFX09-28		1-3/4								UCX09-28		
UCFX10-50MM	50		162	44	19.8	130	26	19	59.4	UCX10-50MM	FX10	4.0
UCFX10-30		1-7/8	6.38	1.73	0.78	5.12	1.02	0.75	2.34	UCX10-30		
UCFX10-31		1-15/16								UCX10-31		
UCFX10-32		2								UCX10-32		
UCFX11-55M	55		175	49	19.8	143	29	19	68.7	UCX11-55MM	FX11	5.1
UCFX11-35		2-3/16	6.89	1.93	0.78	5.63	1.14	0.75	2.70	UCX11-35		
UCFX11-36		2-1/4								UCX11-36		
UCFX12-60MM	60		187	59	20.6	149	34	19	73.7	UCX12-60MM	FX12	5.6
UCFX12-39		2-7/16	7.36	2.32	0.81	5.87	1.34	0.75	2.90	UCX12-39		
UCFX13-65MM	65		187	59	20.6	149	34	19	78.4	UCX13-65MM	FX13	7.4
UCFX13-39		2-7/16	7.36	2.32	0.81	5.88	1.34	0.75	3.09	UCX13-39		
UCFX13-40		2-1/2								UCX13-40		
UCFX14-70MM	70		197	60	23.8	152	37	23	81.5	UCX14-70MM	FX14	8.3
UCFX14-43		2-11/16	7.76	2.36	0.94	5.98	1.46	0.91	3.21	UCX14-43		
UCFX15-75MM	75		197	68	23.8	152	40	23	89.2	UCX15-75MM	FX15	10.0
UCFX15-47		2-15/16	7.76	2.68	0.94	5.98	1.57	0.91	3.51	UCX15-47		
UCFX15-48		3								UCX15-48		
UCFX17-85MM	85		214	70	23.8	171	40	23	96.3	UCX17-85MM	FX17	12.0
UCFX17-55		3-7/16	8.43	2.76	0.94	6.73	1.57	0.91	3.79	UCX17-55		
UCFX17-56		3-1/2								UCX17-56		
UCFX18-90MM	90		214	75	23.8	171	45	23	106	UCX18-90MM	FX18	12.5
UCFX18-56		3-1/2	8.43	2.95	0.94	6.73	1.77	0.91	4.18	UCX18-56		
UCFX20-100MM	100		268	97	31	211	59	31	128	UCX20-100MM	FX20	17.0
UCFX20-63		3-15/16	10.55	3.82	1.22	8.31	2.32	1.22	5.04	UCX20-63		
UCFX20-64		4								UCX20-64		

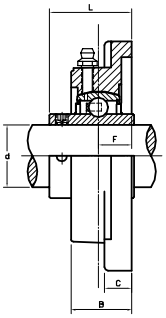
Heavy Duty 4-Bolt Flange

UCF 300 Silver Series

Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







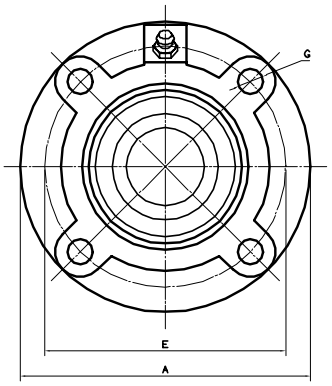
Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
UCF305-25MM	25		110	29	13	80	16	16	39	UC305-25MM		
UCF305-14		7/8	4.33	1.14	0.50	3.150	0.63	0.63	1.54	UC305-14	F305	1.2
UCF305-16		1								UC305-16		
UCF306-30MM	30		125	32	15	95	18	16	44	UC306-30MM		
UCF306-18		1-1/8	4.92	1.26	0.60	3.740	0.71	0.63	1.73	UC306-18	F306	1.8
UCF306-19		1-3/16								UC306-19		
UCF307-35MM	35		135	36	16	100	20	19	49	UC307-35MM		
UCF307-20		1-1/4	5.31	1.42	0.63	3.937	0.79	0.75	1.93	UC307-20	F307	2.3
UCF307-22		1-3/8								UC307-22		
UCF307-23		1-7/16								UC307-23		
UCF308-40MM	40		150	40	17	112	23	19	56	UC308-40MM	F308	2.9
UCF308-24		1-1/2	5.91	1.57	0.67	4.409	0.91	0.75	2.20	UC308-24		
UCF309-45MM	45		160	44	18	125	25	19	60	UC309-45MM		
UCF309-27		1-11/16	6.30	1.73	0.70	4.921	0.98	0.75	2.36	UC309-27	F309	3.6
UCF309-28		1-3/4								UC309-28		
UCF310-50MM	50		175	48	19	132	28	23	67	UC310-50MM		
UCF310-30		1-7/8	6.89	1.89	0.75	5.197	1.10	0.91	2.64	UC310-30	F310	4.7
UCF310-31		1-15/16								UC310-31		
UCF311-55MM	55		185	52	20	140	30	23	71	UC311-55MM		
UCF311-32		2	7.28	2.05	0.79	5.512	1.18	0.91	2.80	UC311-32	F311	5.7
UCF311-35		2-3/16								UC311-35		
UCF312-60MM	60		195	56	22	150	33	23	78	UC312-60MM	F312	6.8
UCF312-39		2-7/16	7.68	2.20	0.87	5.906	1.30	0.91	3.07	UC312-39		
UCF313-65MM	65		208	58	22	166	33	23	78	UC313-65MM	F313	7.7
UCF313-40		2-1/2	8.19	2.28	0.87	6.535	1.30	0.91	3.07	UC313-40		
UCF314-70MM	70		226	61	25	178	36	25	81	UC314-70MM	F314	9.6
UCF314-44		2-3/4	8.90	2.40	1.00	7.008	1.42	0.98	3.19	UC314-44		
UCF315-75MM	75		236	66	25	184	39	25	89	UC315-75MM		
UCF315-47		2-15/16	9.29	2.60	1.00	7.244	1.54	0.98	3.50	UC315-47	F315	11.5
UCF315-48		3								UC315-48		
UCF316-80MM	80		250	68	27	196	38	31	90	UC316-80MM	F316	13.5
UCF316-51		3-3/16	9.84	2.68	1.06	7.717	1.50	1.22	3.54	UC316-51		
UCF317-85MM	85		260	74	27	204	44	31	100	UC317-85MM	F317	15.2
UCF317-52		3-1/4	10.24	2.91	1.06	8.031	1.73	1.22	3.94	UC317-52		
UCF318-90MM	90		280	76	30	216	44	35	100	UC318-90MM	F318	18.9
UCF318-56		3-1/2	11.02	2.99	1.18	8.504	1.73	1.38	3.94	UC318-56		
UCF319-95MM	95		290	94	30	228	59	35	121	UC319-95MM	F319	22.3
UCF319-60		3-3/4	11.42	3.70	1.18	8.976	2.32	1.38	4.76	UC319-60		
UCF320-100MM	100		310	94	32	242	59	38	125	UC320-100MM		
UCF320-63		3-15/16	12.20	3.70	1.25	9.528	2.32	1.50	4.92	UC320-63	F320	26.1
UCF320-64		4								UC320-64		
UCF322-110MM	110	—	340	96	35	266	60	41	131	UC322-110MM	F322	35.3
UCF324-120MM	120	—	370	110	40	290	65	41	140	UC324-120MM	F324	47.2
UCF326-130MM	130	—	410	115	45	320	65	41	146	UC326-130MM	F326	64.5
UCF328-140MM	140	—	450	125	55	350	75	41	161	UC328-140MM	F328	93.3

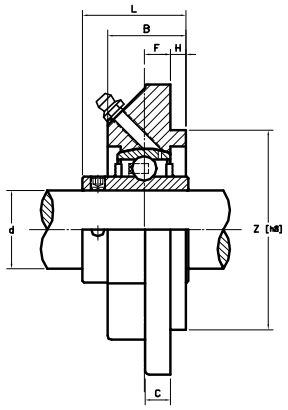
Piloted 4-Bolt Flange

UCFC 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
UCFC204 x 20MM UCFC204 x 3/4	20	3/4	100 3.94	25.5 1.0	7 0.28	78 3.07	10 0.39	12 0.47	5 0.20	33.3 1.31	62 2.44	UC204 x 20MM UC204 x 3/4	FC204	0.7
UCFC205 x 25MM UCFC205 x 7/8 UCFC205 x 15/16 UCFC205 x 1	25	7/8 15/16 1	115 4.53	27 1.06	7 0.28	90 3.54	10 0.39	12 0.47	6 0.24	35.8 1.41	70 2.76	UC205 x 25MM UC205 x 7/8 UC205 x 15/16 UC205 x 1	FC205	1.0
UCFC206 x 30MM UCFC206 x 1-1/8 UCFC206 x 1-3/16 UCFC206 x 1-1/4	30	1-1/8 1-3/16 1-1/4	125 4.92	31 1.22	8 0.31	100 3.94	10 0.39	12 0.47	8 0.31	40.2 1.58	80 3.15	UC206 x 30MM UC206 x 1-1/8 UC206 x 1-3/16 UC206 x 1-1/4	FC206	1.5
UCFC207 x 35MM UCFC207 x 1-1/4 UCFC207 x 1-3/8 UCFC207 x 1-7/16	35	1-1/4 1-3/8 1-7/16	135 5.31	34 1.34	9 0.35	110 4.33	11 0.43	12 0.47	8 0.31	44.4 1.75	90 3.54	UC207 x 35MM UC207 x 1-1/4 UC207 x 1-3/8 UC207 x 1-7/16	FC207	1.7
UCFC208 x 40MM UCFC208 x 1-1/2	40	1-1/2	145 5.71	36 1.42	9 0.35	120 4.72	11 0.43	14 0.55	10 0.39	51.2 2.02	100 3.94	UC208 x 40MM UC208 x 1-1/2	FC208	2.2
UCFC209 x 45MM UCFC209 x 1-5/8 UCFC209 x 1-11/16 UCFC209 x 1-3/4	45	1-5/8 1-11/16 1-3/4	160 6.30	38 1.50	14 0.55	132 5.20	10 0.39	16 0.63	12 0.47	52.2 2.06	105 4.13	UC209 x 45MM UC209 x 1-5/8 UC209 x 1-11/16 UC209 x 1-3/4	FC209	3.0
UCFC210 x 50MM UCFC210 x 1-7/8 UCFC210 x 1-15/16 UCFC210 x 2	50	1-7/8 1-15/16 2	165 6.50	40 1.57	14 0.55	138 5.43	10 0.39	16 0.63	12 0.47	54.6 2.15	110 4.33	UC210 x 50MM UC210 x 1-7/8 UC210 x 1-15/16 UC210 x 2	FC210	3.3
UCFC211 x 55MM UCFC211 x 2 UCFC211 x 2-1/8 UCFC211 x 2-3/16	55	2 2-1/8 2-3/16	185 7.28	43 1.69	15 0.59	150 5.91	13 0.51	19 0.75	12 0.47	58.4 2.3	125 4.92	UC211 x 55MM UC211 x 2 UC211 x 2-1/8 UC211 x 2-3/16	FC211	4.2
UCFC212 x 60MM UCFC212 x 2-1/4 UCFC212 x 2-3/8 UCFC212 x 2-7/16	60	2-1/4 2-3/8 2-7/16	195 7.68	48 1.89	15 0.59	160 6.30	17 0.67	19 0.75	12 0.47	68.7 2.7	135 5.31	UC212 x 60MM UC212 x 2-1/4 UC212 x 2-3/8 UC212 x 2-7/16	FC212	4.8
UCFC213 x 65MM UCFC213 x 2-1/2	65	2-1/2	205 8.07	50 1.97	15 0.59	170 6.69	16 0.63	19 0.75	14 0.55	69.7 2.74	145 5.71	UC213 x 65MM UC213 x 2-1/2	FC213	5.7
UCFC214 x 70MM UCFC214 x 2-11/16 UCFC214 x 2-3/4	70	2-11/16 2-3/4	215 8.46	54 2.13	18 0.71	177 6.97	17 0.67	19 0.75	14 0.55	75.4 2.97	150 5.91	UC214 x 70MM UC214 x 2-11/16 UC214 x 2-3/4	FC214	6.8
UCFC215 x 75MM UCFC215 x 2-3/4 UCFC215 x 2-15/16 UCFC215 x 3	75	2-3/4 2-15/16 3	220 8.66	56 2.20	18 0.71	184 7.24	18 0.71	19 0.75	16 0.63	78.5 3.09	160 6.30	UC215 x 75MM UC215 x 2-3/4 UC215 x 2-15/16 UC215 x 3	FC215	8.0
UCFC216 x 80MM UCFC216 x 3-1/8	80	3-1/8	240 9.45	58 2.28	18 0.71	200 7.87	18 0.71	23 0.91	16 0.63	83.2 3.28	170 6.69	UC216 x 80MM UC216 x 3-1/8	FC216	9.0

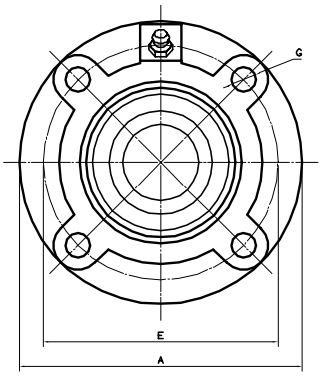
Note: Eccentric Collar and Adapter Lock Bearings also available from stock.

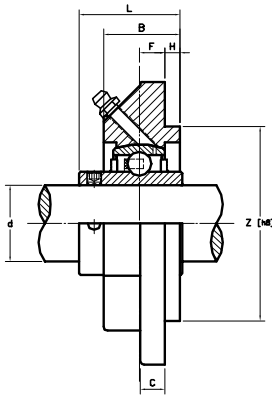
Piloted 4-Bolt Flange

UCFC 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
UCFC204-20MM UCFC204-12	20	 3/4	100 3.94	25.5 1.0	7 0.28	78 3.07	10 0.39	12 0.47	5 0.20	33.3 1.31	62 2.44	UC204-20MM UC204-12	FC204	0.7
UCFC205-25MM UCFC205-14 UCFC205-15 UCFC205-16	25	 7/8 15/16 1	115 4.53	27 1.06	7 0.28	90 3.54	10 0.39	12 0.47	6 0.24	35.8 1.41	70 2.76	UC205-25MM UC205-14 UC205-15 UC205-16	FC205	1.0
UCFC206-30MM UCFC206-18 UCFC206-19 UCFC206-20	30	 1-1/8 1-3/16 1-1/4	125 4.92	31 1.22	8 0.31	100 3.94	10 0.39	12 0.47	8 0.31	40.2 1.58	80 3.15	UC206-30MM UC206-18 UC206-19 UC206-20	FC206	1.5
UCFC207-35MM UCFC207-20 UCFC207-22 UCFC207-23	35	 1-1/4 1-3/8 1-7/16	135 5.31	34 1.34	9 0.35	110 4.33	11 0.43	12 0.47	8 0.31	44.4 1.75	90 3.54	UC207-35MM UC207-20 UC207-22 UC207-23	FC207	1.7
UCFC208-40MM UCFC208-24	40	 1-1/2	145 5.71	36 1.42	9 0.35	120 4.72	11 0.43	14 0.55	10 0.39	51.2 2.02	100 3.94	UC208-40MM UC208-24	FC208	2.2
UCFC209-45MM UCFC209-26 UCFC209-27 UCFC209-28	45	 1-5/8 1-11/16 1-3/4	160 6.30	38 1.50	14 0.55	132 5.20	10 0.39	16 0.63	12 0.47	52.2 2.06	105 4.13	UC209-45MM UC209-26 UC209-27 UC209-28	FC209	3.0
UCFC210-50MM UCFC210-30 UCFC210-31 UCFC210-32	50	 1-7/8 1-15/16 2	165 6.50	40 1.57	14 0.55	138 5.43	10 0.39	16 0.63	12 0.47	54.6 2.15	110 4.33	UC210-50MM UC210-30 UC210-31 UC210-32	FC210	3.3
UCFC211-55MM UCFC211-32 UCFC211-34 UCFC211-35	55	 2 2-1/8 2-3/16	185 7.28	43 1.69	15 0.59	150 5.91	13 0.51	19 0.75	12 0.47	58.4 2.3	125 4.92	UC211-55MM UC211-32 UC211-34 UC211-35	FC211	4.2
UCFC212-60MM UCFC212-36 UCFC212-38 UCFC212-39	60	 2-1/4 2-3/8 2-7/16	195 7.68	48 1.89	15 0.59	160 6.30	17 0.67	19 0.75	12 0.47	68.7 2.7	135 5.31	UC212-60MM UC212-36 UC212-38 UC212-39	FC212	4.8
UCFC213-65MM UCFC213-40	65	 2-1/2	205 8.07	50 1.97	15 0.59	170 6.69	16 0.63	19 0.75	14 0.55	69.7 2.74	145 5.71	UC213-65MM UC213-40	FC213	5.7
UCFC214-70MM UCFC214-43 UCFC214-44	70	 2-11/16 2-3/4	215 8.46	54 2.13	18 0.71	177 6.97	17 0.67	19 0.75	14 0.55	75.4 2.97	150 5.91	UC214-70MM UC214-43 UC214-44	FC214	6.8
UCFC215-75MM UCFC215-44 UCFC215-47 UCFC215-48	75	 2-3/4 2-15/16 3	220 8.66	56 2.20	18 0.71	184 7.24	18 0.71	19 0.75	16 0.63	78.5 3.09	160 6.30	UC215-75MM UC215-44 UC215-47 UC215-48	FC215	8.0
UCFC216-80MM UCFC216-50	80	 3-1/8	240 9.45	58 2.28	18 0.71	200 7.87	18 0.71	23 0.91	16 0.63	83.2 3.28	170 6.69	UC216-80MM UC216-50	FC216	9.0

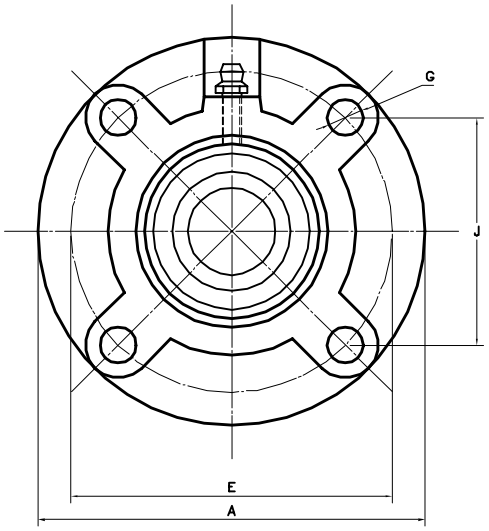
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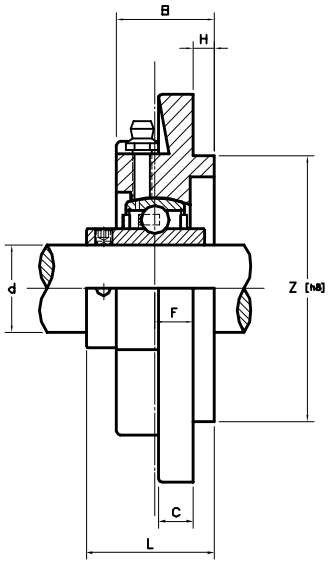
Piloted 4-Bolt Flange

FCF 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	J	L	Z(h8)			
FCF205 x 25UMM	25		111	22	10	92.1	11	10.3	6	65.1	36.8	76.2	UC205 x 25MM	FCF205	1.22
FCF205 x 7/8U		7/8	4.37	0.87	0.39	3.63	0.43	0.41	0.24	2.56	1.45	3.00	UC205 x 7/8		
FCF205 x 15/16U		15/16											UC205 x 15/16		
FCF205 x 1U		1											UC205 x 1		
FCF206 x 30UMM	30		127	20	10	104.8	7.5	12	11	74.1	40.7	85.7	UC206 x 30MM	FCF206	1.59
FCF206 x 1-1/8U		1-1/8	5.0	0.79	0.39	4.13	0.30	0.47	0.43	2.92	1.60	3.37	UC206 x 1-1/8		
FCF206 x 1-3/16U		1-3/16											UC206 x 1-3/16		
FCF206 x 1-1/4U		1-1/4											UC206 x 1-1/4		
FCF207 x 35UMM	35		133	22	12	111.1	7.1	12	12	78.6	44.5	92.1	UC207 x 35MM	FCF207	2.07
FCF207 x 1-1/4U		1-1/4	5.24	0.87	0.47	4.37	0.28	0.47	0.47	3.09	1.75	3.63	UC207 x 1-1/4		
FCF207 x 1-3/8U		1-3/8											UC207 x 1-3/8		
FCF207 x 1-7/16U		1-7/16											UC207 x 1-7/16		
FCF208 x 40UMM	40		133	26	12	111.1	9.5	12	12	78.6	51.7	92.1	UC208 x 40MM	FCF208	2.23
FCF208 x 1-1/2U		1-1/2	5.24	1.02	0.47	4.37	0.37	0.47	0.47	3.09	2.04	3.63	UC208 x 1-1/2		
FCF209 x 45UMM	45		156	22	12	130.2	5.5	13.5	12	92.1	47.7	108	UC209 x 45MM	FCF209	3.0
FCF209 x 1-5/8U		1-5/8	6.14	0.87	0.47	5.13	0.22	0.53	0.47	3.63	1.88	4.25	UC209 x 1-5/8		
FCF209 x 1-11/16U		1-11/16											UC209 x 1-11/16		
FCF209 x 1-3/4U		1-3/4											UC209 x 1-3/4		
FCF210 x 50UMM	50		162	27	12	136.5	8.7	13.5	16	96.5	57.3	114.3	UC210 x 50MM	FCF210	3.3
FCF210 x 1-7/8U		1-7/8	6.38	1.06	0.47	5.37	0.34	0.53	0.63	3.80	2.26	4.50	UC210 x 1-7/8		
FCF210 x 1-15/16U		1-15/16											UC210 x 1-15/16		
FCF210 x 2U		2											UC210 x 2		
FCF211 x 55UMM	55		181	22	12	152.4	5.5	15	22	107.8	60.9	127	UC211 x 55MM	FCF211	4.22
FCF211 x 2U		2	7.13	0.87	0.47	6.0	0.22	0.59	0.87	4.24	2.40	5.00	UC211 x 2		
FCF211 x 2-1/8U		2-1/8											UC211 x 2-1/8		
FCF211 x 2-3/16U		2-3/16											UC211 x 2-3/16		

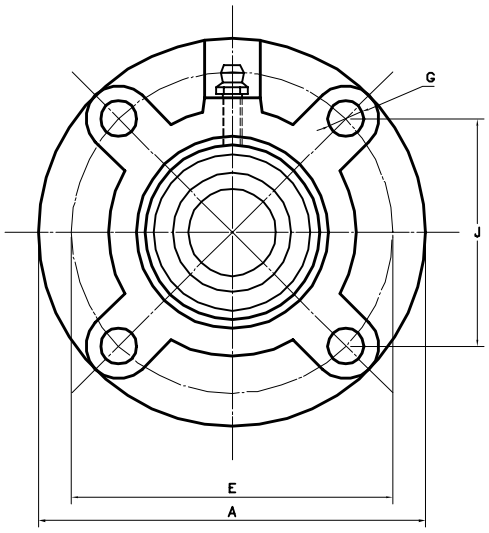
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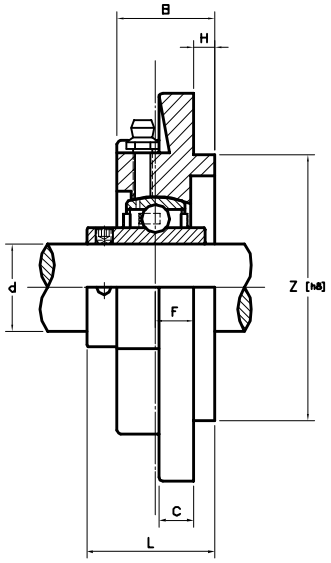
Piloted 4-Bolt Flange

FCF 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	J	L	Z(h8)			
FCF205-25UMM	25		111	22	10	92.1	11	10.3	6	65.1	36.8	76.2	UC205-25MM		
FCF205-14U		7/8	4.37	0.87	0.39	3.63	0.43	0.41	0.24	2.56	1.45	3.00	UC205-14	FCF205	1.22
FCF205-15U		15/16											UC205-15		
FCF205-16U		1											UC205-16		
FCF206-30UMM	30		127	20	10	104.8	7.5	12	11	74.1	40.7	85.7	UC206-30MM		
FCF206-18U		1-1/8	5.0	0.79	0.39	4.13	0.30	0.47	0.43	2.92	1.60	3.37	UC206-18	FCF206	1.59
FCF206-19U		1-3/16											UC206-19		
FCF206-20U		1-1/4											UC206-20		
FCF207-35UMM	35		133	22	12	111.1	7.1	12	12	78.6	44.5	92.1	UC207-35MM		
FCF207-20U		1-1/4	5.24	0.87	0.47	4.37	0.28	0.47	0.47	3.09	1.75	3.63	UC207-20	FCF207	2.07
FCF207-22U		1-3/8											UC207-22		
FCF207-23U		1-7/16											UC207-23		
FCF208-40UMM	40		133	26	12	111.1	9.5	12	12	78.6	51.7	92.1	UC208-40MM	FCF208	2.23
FCF208-24U		1-1/2	5.24	1.02	0.47	4.37	0.37	0.47	0.47	3.09	2.04	3.63	UC208-24		
FCF209-45UMM	45		156	22	12	130.2	5.5	13.5	12	92.1	47.7	108	UC209-45MM		
FCF209-26U		1-5/8	6.14	0.87	0.47	5.13	0.22	0.53	0.47	3.63	1.88	4.25	UC209-26	FCF209	3.0
FCF209-27U		1-11/16											UC209-27		
FCF209-28U		1-3/4											UC209-28		
FCF210-50UMM	50		162	27	12	136.5	8.7	13.5	16	96.5	57.3	114.3	UC210-50MM		
FCF210-30U		1-7/8	6.38	1.06	0.47	5.37	0.34	0.53	0.63	3.80	2.26	4.50	UC210-30	FCF210	3.3
FCF210-31U		1-15/16											UC210-31		
FCF210-32U		2											UC210-32		
FCF211-55UMM	55		181	22	12	152.4	5.5	15	22	107.8	60.9	127	UC211-55MM		
FCF211-32U		2	7.13	0.87	0.47	6.0	0.22	0.59	0.87	4.24	2.40	5.00	UC211-32	FCF211	4.22
FCF211-34U		2-1/8											UC211-34		
FCF211-35U		2-3/16											UC211-35		

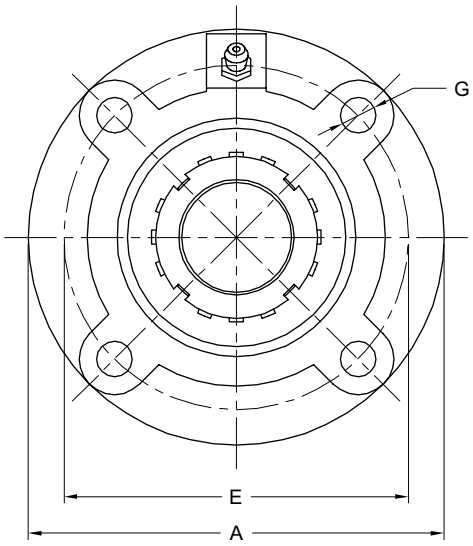
Note: Eccentric Collar and Adapter Lock Bearings also available from stock.

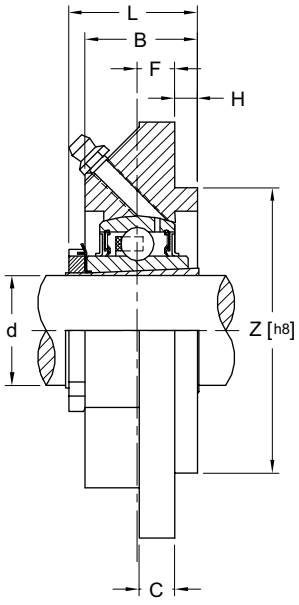
Piloted 4-Bolt Flange

GSHFC 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores







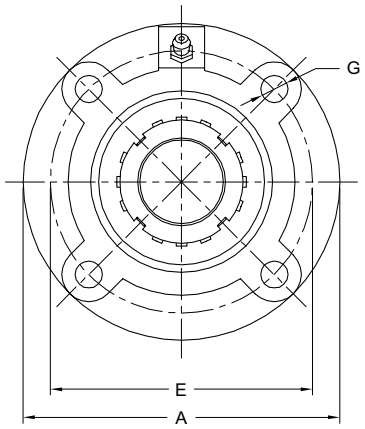
Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)				
GSHFC204-20MM	20		100	25.5	7	78	10	12	5	33.9	62	GSH204	H204GSH-20MM	FC204	0.7
GSHFC204-12		3/4	3.94	1.0	0.28	3.07	0.39	0.47	0.20	1.33	2.44		H204GSH-12		
GSHFC205-25MM	25		115	27	7	90	10	12	6	33.0	70		H205GSH-25MM		
GSHFC205-15		15/16	4.53	1.06	0.28	3.54	0.39	0.47	0.24	1.30	2.76	GSH205	H205GSH-15	FC205	1.0
GSHFC205-16		1											H205GSH-16		
GSHFC206-30MM	30		125	31	8	100	10	12	8	40.7	80		H206GSH-30MM		
GSHFC206-19		1-3/16	4.92	1.22	0.31	3.94	0.39	0.47	0.31	1.60	3.15	GSH206	H206GSH-19	FC206	1.5
GSHFC206-20		1-1/4											H206GSH-20		
GSHFC207-35MM	35		135	34	9	110	11	12	8	43.6	90		H207GSH-35MM		
GSHFC207-20		1-1/4	5.31	1.34	0.35	4.33	0.43	0.47	0.31	1.72	3.54	GSH207	H207GSH-20	FC207	1.7
GSHFC207-22		1-3/8											H207GSH-22		
GSHFC208-40MM	40		145	36	9	120	11	14	10	48.9	100	GSH208	H208GSH-40MM	FC208	2.2
GSHFC208-24		1-1/2	5.71	1.42	0.35	4.72	0.43	0.55	0.39	1.93	3.94		H208GSH-24		
GSHFC209-45MM	45		160	38	14	132	10	16	12	49.6	105	GSH209	H209GSH-45MM	FC209	3.0
—		—	6.30	1.50	0.55	5.20	0.39	0.63	0.47	1.95	4.13		—		
GSHFC210-50MM	50		165	40	14	138	10	16	12	48.4	110		H210GSH-50MM		
GSHFC210-31		1-15/16	6.50	1.57	0.55	5.43	0.39	0.63	0.47	1.91	4.33	GSH210	H210GSH-31	FC210	3.3
GSHFC210-32		2											H210GSH-32		

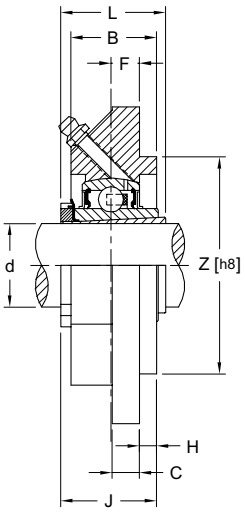
Piloted 4-Bolt Flange

UKFC 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Adapter Sleeve Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Adapter Sleeve No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	J	L	Z(h8)				
UKFC205-20MM	20		115	27	7	90	10	12	6	35.5	35	70	UK205	H2305 x 20MM	FC205	1.0
UKFC205-12		3/4	4.53	1.06	0.28	3.54	0.39	0.47	0.24	1.39	1.38	2.76		H2305 x 3/4		
UKFC206-25MM	25		125	31	8	100	10	12	8	39	38	80	UK206	H2306 x 25MM	FC206	1.5
UKFC206-14		7/8	4.92	1.22	0.31	3.94	0.39	0.47	0.31	1.54	1.49	3.15		H2306 x 7/8		
UKFC206-15		15/16												H2306 x 15/16		
UKFC206-16		1												H2306 x 1		
UKFC207-30MM	30		135	34	9	110	11	12	8	41.5	43	90	UK207	H2307 x 30MM	FC207	1.7
UKFC207-19		1-3/16	5.31	1.34	0.35	4.33	0.43	0.47	0.31	1.63	1.69	3.54		H2307 x 1-3/16		
UKFC208-35MM	35		145	36	9	120	11	12	10	45.5	46	100	UK208	H2308 x 35MM	FC208	2.2
UKFC208-20		1-1/4	5.71	1.42	0.35	4.72	0.43	0.47	0.39	1.79	1.81	3.94		H2308 x 1-1/4		
UKFC208-22		1-3/8												H2308 x 1-3/8		
UKFC209-40MM	40		160	38	14	132	10	14	12	48	50	105	UK209	H2309 x 40MM	FC209	3.0
UKFC209-23		1-7/16	6.30	1.50	0.55	5.20	0.39	0.55	0.47	1.89	1.97	4.13		H2309 x 1-7/16		
UKFC209-24		1-1/2												H2309 x 1-1/2		
UKFC210-45MM	45		165	40	14	138	10	16	12	49.5	55	110	UK210	H2310 x 45MM	FC210	3.3
UKFC210-27		1-11/16	6.50	1.57	0.55	5.43	0.39	0.63	0.47	1.95	2.17	4.33		H2310 x 1-11/16		
UKFC210-28		1-3/4												H2310 x 1-3/4		
UKFC211-50MM	50		185	43	15	150	13	16	12	53.5	59	125	UK211	H2311 x 50MM	FC211	4.2
UKFC211-30		1-7/8	7.28	1.69	0.59	5.91	0.51	0.63	0.47	2.11	2.32	4.92		H2311 x 1-7/8		
UKFC211-31		1-15/16												H2311 x 1-15/16		
UKFC211-32		2												H2311 x 2		
UKFC212-55MM	55		195	48	15	160	17	19	12	60	62	135	UK212	H2312 x 55MM	FC212	4.8
—		—	7.68	1.89	0.59	6.30	0.67	0.75	0.47	2.36	2.44	5.31		—		
UKFC213-60MM	60		205	50	15	170	16	19	14	63	65	145	UK213	H2313 x 60MM	FC213	5.7
UKFC213-35		2-3/16	8.07	1.97	0.59	6.69	0.63	0.75	0.55	2.48	2.56	5.71		H2313 x 2-3/16		
UKFC213-36		2-1/4												H2313 x 2-1/4		
UKFC213-38		2-3/8												H2313 x 2-3/8		
UKFC215-65MM	65		220	56	18	184	18	19	16	69.5	73	160	UK215	H2315 x 65MM	FC215	8.0
UKFC215-39		2-7/16	8.66	2.20	0.71	7.24	0.71	0.75	0.63	2.74	2.87	6.30		H2315 x 2-7/16		
UKFC215-40		2-1/2												H2315 x 2-1/2		
UKFC216-70MM	70		240	58	18	200	18	23	16	73	78	170	UK216	H2316 x 70MM	FC216	9.0
UKFC216-43		2-11/16	9.45	2.28	0.71	7.87	0.71	0.91	0.63	2.87	3.07	6.69		H2316 x 2-11/16		
UKFC216-44		2-3/4												H2316 x 2-3/4		

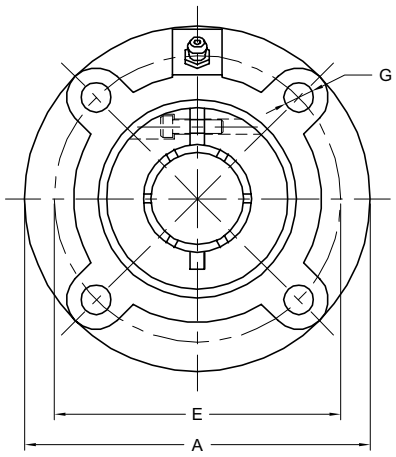
Note: Shorter length through bore possible with H300 or SNW series adapters. See adapter section for dimensions.

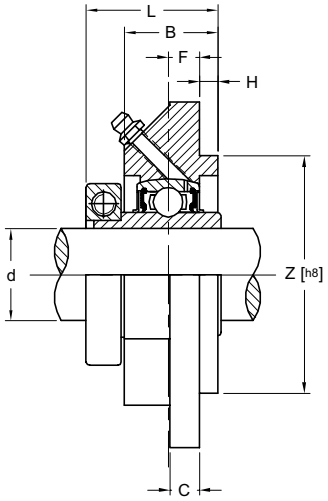
Piloted 4-Bolt Flange

CLFC 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores







The locking collar provides for a concentric fit to the shaft

Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
CLFC204-20MM CLFC204-12	20	 3/4	100 3.94	25.5 1.0	7 0.28	78 3.07	10 0.39	11 0.43	5 0.20	34.8 1.37	62 2.44	CL204-20MM CL204-12	FC204	0.6
CLFC205-25MM CLFC205-14 CLFC205-15 CLFC205-16	25	 7/8 15/16 1	115 4.53	27 1.06	7 0.28	90 3.54	10 0.39	12.5 0.49	6 0.24	38.2 1.50	70 2.76	CL205-25MM CL205-14 CL205-15 CL205-16	FC205	0.9
CLFC206-30MM CLFC206-18 CLFC206-19 CLFC206-20	30	 1-1/8 1-3/16 1-1/4	125 4.92	31 1.22	8 0.31	100 3.94	10 0.39	12.5 0.49	8 0.31	41.8 1.65	80 3.15	CL206-30MM CL206-18 CL206-19 CL206-20	FC206	1.2
CLFC207-35MM CLFC207-20 CLFC207-22 CLFC207-23	35	 1-1/4 1-3/8 1-7/16	135 5.31	34 1.34	9 0.35	110 4.33	11 0.43	12.5 0.49	8 0.31	46.0 1.81	90 3.54	CL207-35MM CL207-20 CL207-22 CL207-23	FC207	1.3
CLFC208-40MM CLFC208-24	40	 1-1/2	145 5.71	36 1.42	9 0.35	120 4.72	11 0.43	12.5 0.49	10 0.39	52.8 2.08	100 3.94	CL208-40MM CL208-24	FC208	1.6
CLFC209-45MM CLFC209-26 CLFC209-27 CLFC209-28	45	 1-5/8 1-11/16 1-3/4	160 6.30	38 1.50	14 0.55	132 5.20	10 0.39	14 0.55	12 0.47	53.8 2.09	105 4.13	CL209-45MM CL209-26 CL209-27 CL209-28	FC209	2.3
CLFC210-50MM CLFC210-31 CLFC210-32	50	 1-15/16 2	165 6.50	40 1.57	14 0.55	138 5.43	10 0.39	13.5 0.53	12 0.47	56.1 2.21	110 4.33	CL210-50MM CL210-31 CL210-32	FC210	2.6
CLFC211-55MM CLFC211-32 CLFC211-34 CLFC211-35	55	 2 2-1/8 2-3/16	185 7.28	43 1.69	15 0.59	150 5.91	13 0.51	17.5 0.69	12 0.47	59.9 2.36	125 4.92	CL211-55MM CL211-32 CL211-34 CL211-35	FC211	3.1
CLFC212-60MM CLFC212-36 CLFC212-38 CLFC212-39	60	 2-1/4 2-3/8 2-7/16	195 7.68	48 1.89	15 0.59	160 6.30	17 0.67	17.5 0.69	12 0.47	70.3 2.77	135 5.31	CL212-60MM CL212-36 CL212-38 CL212-39	FC212	3.9

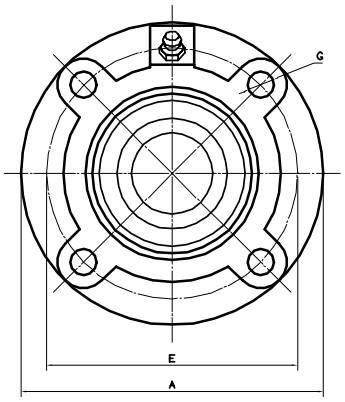
Note: Other sizes available on request.

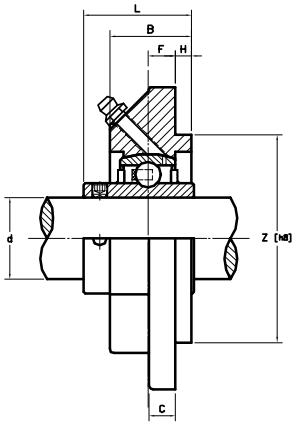
Medium Duty Piloted 4-Bolt Flange

UCFCX 00 Silver Series

Medium Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







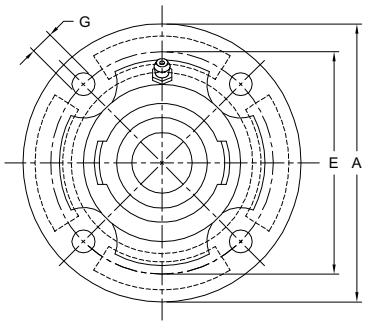
Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
UCFCX05-25MM UCFCX05-16	25	 1	111 4.37	30 1.18	9.5 0.37	92 3.622	10 0.39	9.5 0.37	6 0.236	38.2 1.496	76.2 3.000	UCX05-25MM UCX05-16	FCX05	1.0
UCFCX06-30MM UCFCX06-18 UCFCX06-19 UCFCX06-20	30	 1-1/8 1-3/16 1-1/4	127 5.00	32 1.26	9.5 0.37	105 4.134	8 0.31	12 0.47	9.5 0.374	42.9 1.684	85.7 3.374	UCX06-30MM UCX06-18 UCX06-19 UCX06-20	FCX06	1.5
UCFCX07-35MM UCFCX07-20 UCFCX07-23	35	 1-1/4 1-7/16	133 5.24	37 1.46	11 0.43	111 4.370	9 0.35	12 0.47	11 0.433	50.2 1.973	92.1 3.626	UCX07-35MM UCX07-20 UCX07-23	FCX07	1.9
UCFCX08-40MM UCFCX08-24	40	 1-1/2	133 5.24	37 1.46	11 0.43	111 4.370	9 0.35	12 0.47	11 0.433	50.2 1.973	92.1 3.626	UCX08-40MM UCX08-24	FCX08	1.9
UCFCX09-45MM UCFCX09-27 UCFCX09-28	45	 1-11/16 1-3/4	155 6.10	37 1.46	11 0.43	130 5.118	8 0.31	14 0.55	12 0.472	52.6 2.062	108 4.252	UCX09-45MM UCX09-27 UCX09-28	FCX09	2.7
UCFCX10-50MM UCFCX10-31 UCFCX10-32	50	 1-15/16 2	162 6.38	39 1.61	11 0.43	136 5.354	7 0.27	14 0.55	16 0.623	56.4 2.203	114.3 4.500	UCX10-50MM UCX10-31 UCX10-32	FCX10	3.2
UCFCX11-55MM UCFCX11-35 UCFCX11-36	55	 2-3/16 2-1/4	180 7.09	48 1.89	13 0.51	152 5.984	4 0.16	16 0.63	22 0.866	65.7 2.586	127 5.000	UCX11-55MM UCX11-35 UCX11-36	FCX11	4.2
UCFCX12-60MM UCFCX12-39	60	 2-7/16	194 7.64	53 2.09	14 0.55	165 6.496	11 0.43	16 0.63	20 0.787	70.7 2.777	139.7 5.500	UCX12-60MM UCX12-39	FCX12	5.3
UCFCX13-60MM UCFCX13-65MM UCFCX13-39 UCFCX13-40	60 65	 2-7/8 2-1/2	194 7.64	53 2.09	14 0.55	165 6.496	11 0.43	16 0.63	20 0.787	75.4 2.967	139.7 5.500	UCX13-60MM UCX13-65MM UCX13-39 UCX13-40	FCX13	5.5
UCFCX14-70MM UCFCX14-43	70	 2-11/16	222 8.74	56 2.20	14 0.55	190 7.480	14 0.55	19 0.74	20 0.787	78.5 3.087	161.9 6.374	UCX14-70MM UCX14-43	FCX14	7.2
UCFCX15-75MM UCFCX15-47 UCFCX15-48	75	 2-15/16 3	222 8.74	57 2.24	16 0.63	190 7.480	12 0.47	19 0.74	22 0.866	83.3 3.276	161.9 6.374	UCX15-75MM UCX15-47 UCX15-48	FCX15	8.0
UCFCX16-80MM UCFCX16-50	80	 3-1/8	260 10.24	61 2.40	19 0.74	219 8.622	10 0.39	23 0.90	25 0.984	86.6 3.41	187.3 7.374	UCX16-80MM UCX16-50	FCX16	11.3
UCFCX17-85MM UCFCX17-55 UCFCX17-56	85	 3-7/16 3-1/2	260 10.24	61 2.40	19 0.74	219 8.62	10 0.39	23 0.90	25 0.98	91.3 3.590	187.3 7.37	UCX17-85MM UCX17-55 UCX17-56	FCX17	12.0
UCFCX18-90MM UCFCX18-56	90	 3-1/2	260 10.24	71 2.80	19 0.74	219 8.220	12 0.47	23 0.90	28 1.102	101.1 3.982	187.3 7.374	UCX18-90MM UCX18-56	FCX18	12.1
UCFCX20-100MM UCFCX20-63 UCFCX20-64	100	 3-15/16 4	276 10.87	94 3.70	22 0.86	238 9.370	22 0.86	23 0.90	28 1.102	119.1 4.68	206.4 8.126	UCX20-100MM UCX20-63 UCX20-64	FCX20	16.2

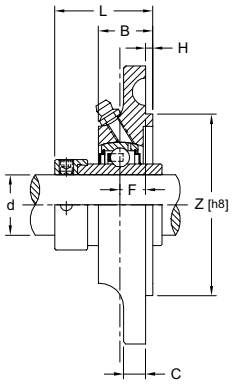
Piloted 4-Bolt Flange

FWSN 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
FWSN204 x 20AMM	20		100	25.5	7.0	78	10.0	9.5	5	41.6	62	HC204 x 20MM	FWSN204	0.9
FWSN204 x 3/4A		3/4	3.94	1.00	0.28	3.07	0.39	0.37	0.20	1.64	2.44	HC204 x 3/4		
FWSN205 x 25AMM	25		115	22.0	9.0	92	9.5	9.5	3	39.4	75	HC205 x 25MM	FWSN205	1.0
FWSN205 x 7/8A		7/8	4.53	0.87	0.35	3.62	0.37	0.37	0.12	1.55	2.95	HC205 x 7/8		
FWSN205 x 15/16A		15/16										HC205 x 15/16		
FWSN205 x 1A		1										HC205 x 1		
FWSN206 x 30AMM	30		125	22.5	9.5	105	10.5	9.5	3	43.6	85	HC206 x 30MM	FWSN206	1.2
FWSN206 x 1-1/8A		1-1/8	4.92	0.89	0.37	4.13	0.41	0.37	0.12	1.72	3.35	HC206 x 1-1/8		
FWSN206 x 1-3/16A		1-3/16										HC206 x 1-3/16		
FWSN206 x 1-1/4A		1-1/4										HC206 x 1-1/4		
FWSN207 x 35AMM	35		135	22.5	10.0	110	9.0	11.5	4	45.3	90	HC207 x 35MM	FWSN207	1.5
FWSN207 x 1-1/4A		1-1/4	5.31	0.89	0.39	4.33	0.35	0.45	0.16	1.78	3.54	HC207 x 1-1/4		
FWSN207 x 1-3/8A		1-3/8										HC207 x 1-3/8		
FWSN207 x 1-7/16A		1-7/16										HC207 x 1-7/16		
FWSN208 x 40AMM	40		145	26.0	11.5	120	11.5	11.5	4	50.4	100	HC208 x 40MM	FWSN208	1.9
FWSN208 x 1-1/2A		1-1/2	5.71	1.02	0.45	4.72	0.45	0.45	0.16	1.98	3.94	HC208 x 1-1/2		
FWSN209 x 45AMM	45		155	26.5	12.0	130	11.5	14.0	4	50..4	105	HC209 x 45MM	FWSN209	2.5
FWSN209 x 1-5/8A		1-5/8	6.10	1.04	0.47	5.12	0.45	0.55	0.16	1.98	4.13	HC209 x 1-5/8		
FWSN209 x 1-11/16A		1-11/16										HC209 x 1-11/16		
FWSN209 x 1-3/4A		1-3/4										HC209 x 1-3/4		
FWSN210 x 50AMM	50		165	28	13.0	136	12.5	14.0	4	54.6	115	HC210 x 50MM	FWSN210	2.8
FWSN210 x 1-7/8A		1-7/8	6.50	1.10	0.51	5.35	0.49	0.55	0.16	2.15	4.53	HC210 x 1-7/8		
FWSN210 x 1-15/16A		1-15/16										HC210 x 1-15/16		
FWSN210 x 2A		2										HC210 x 2		
FWSN211 x 55AMM	55		185	43.0	15.0	150	13.0	18.0	12	68.6	125	HC211 x 55MM	FWSN211	3.5
FWSN211 x 2A		2	7.28	1.69	0.59	5.91	0.51	0.71	0.47	2.7	4.92	HC211 x 2		
FWSN211 x 2-1/8A		2-1/8										HC211 x 2-1/8		
FWSN211 x 2-3/16A		2-3/16										HC211 x 2-3/16		
FWSN212 x 60AMM	60		195	33.0	16.0	165	17.0	14.0	4	67.8	140	HC212 x 60MM	FWSN212	4.4
FWSN212 x 2-1/4A		2-1/4	7.68	1.30	0.63	6.50	0.67	0.55	0.16	2.67	5.51	HC212 x 2-1/4		
FWSN212 x 2-3/8A		2-3/8										HC212 x 2-3/8		
FWSN212 x 2-7/16A		2-7/16										HC212 x 2-7/16		
FWSN213 x 65AMM	65		205	50.0	15.0	170	16.0	19.0	14	81.6	145	HC213 x 65MM	FWSN213	6.0
FWSN213 x 2-1/2A		2-1/2	8.07	1.97	0.59	6.69	0.63	0.75	0.55	3.21	5.71	HC213 x 2-1/2		
FWSN214 x 70AMM	70		215	54.0	18.0	177	17.0	19.0	14	82.6	150	HC214 x 70MM	FWSN214	7.1
FWSN214 x 2-11/16A		2-11/16	8.46	2.13	0.71	6.97	0.67	0.75	0.55	3.25	5.91	HC214 x 2-11/16		
FWSN214 x 2-3/4A		2-3/4										HC214 x 2-3/4		
FWSN215 x 75AMM	75		220	56.0	18.0	184	18.0	19.0	16	88.8	160	HC215 x 75MM	FWSN215	7.7
FWSN215 x 2-15/16A		2-15/16	8.66	2.20	0.71	7.24	0.71	0.75	0.63	3.50	6.30	HC215 x 2-15/16		
FWSN215 x 3A		3										HC215 x 3		
FWSN216 x 80AMM	80		240	58.0	18.0	200	18.0	23.0	16	81.6	170	HC216 x 80MM	FWSN216	9.0
FWSN216 x 3-1/8A		3-1/8	9.45	2.28	0.71	7.87	0.71	0.91	0.71	3.21	6.69	HC216 x 3-1/8		

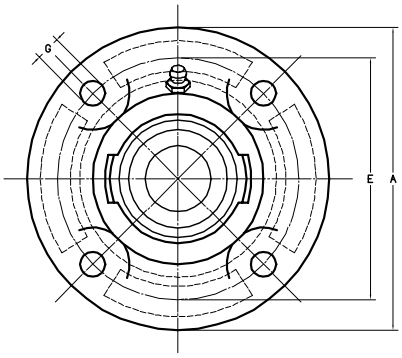
Note: Set Screw and Adapter Lock Bearings also available from stock. SA insert available for flush mounting.

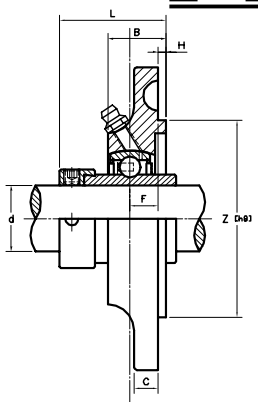
Piloted 4-Bolt Flange

FWSN 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	H	L	Z(h8)			
FWSN204-20AMM	20		100	25.5	7.0	78	10.0	9.5	5	41.6	62	HC204-20MM	FWSN204	0.9
FWSN204-12A		3/4	3.94	1.00	0.28	3.07	0.39	0.37	0.20	1.64	2.44	HC204-12		
FWSN205-25AMM	25		115	22.0	9.0	92	9.5	9.5	3	39.4	75	HC205-25MM	FWSN205	1.0
FWSN205-14A		7/8	4.53	0.87	0.35	3.62	0.37	0.37	0.12	1.55	2.95	HC205-14		
FWSN205-15/A		15/16										HC205-15		
FWSN205-16A		1										HC205-16		
FWSN206-30AMM	30		125	22.5	9.5	105	10.5	9.5	3	43.6	85	HC206-30MM	FWSN206	1.2
FWSN206-18A		1-1/8	4.92	0.89	0.37	4.13	0.41	0.37	0.12	1.72	3.35	HC206-18		
FWSN206-19A		1-3/16										HC206-19		
FWSN206-20A		1-1/4										HC206-20		
FWSN207-35AMM	35		135	22.5	10.0	110	9.0	11.5	4	45.3	90	HC207-35MM	FWSN207	1.5
FWSN207-20A		1-1/4	5.31	0.89	0.39	4.33	0.35	0.45	0.16	1.78	3.54	HC207-20		
FWSN207-22A		1-3/8										HC207-22		
FWSN207-23A		1-7/16										HC207-23		
FWSN208-40AMM	40		145	26.0	11.5	120	11.5	11.5	4	50.4	100	HC208-40MM	FWSN208	1.9
FWSN208-24A		1-1/2	5.71	1.02	0.45	4.72	0.45	0.45	0.16	1.98	3.94	HC208-24		
FWSN209-45AMM	45		155	26.5	12.0	130	11.5	14.0	4	50..4	105	HC209-45MM	FWSN209	2.5
FWSN209-26A		1-5/8	6.10	1.04	0.47	5.12	0.45	0.55	0.16	1.98	4.13	HC209-26		
FWSN209-27A		1-11/16										HC209-27		
FWSN209-28A		1-3/4										HC209-28		
FWSN210-50AMM	50		165	28	13.0	136	12.5	14.0	4	54.6	115	HC210-50MM	FWSN210	2.8
FWSN210-30A		1-7/8	6.50	1.10	0.51	5.35	0.49	0.55	0.16	2.15	4.53	HC210-30		
FWSN210-31A		1-15/16										HC210-31		
FWSN210-32A		2										HC210-32		
FWSN211-55AMM	55		185	43.0	15.0	150	13.0	18.0	12	68.6	125	HC211-55MM	FWSN211	3.5
FWSN211-32A		2	7.28	1.69	0.59	5.91	0.51	0.71	0.47	2.7	4.92	HC211-32		
FWSN211-34A		2-1/8										HC211-34		
FWSN211-35A		2-3/16										HC211-35		
FWSN212-60AMM	60		195	33.0	16.0	165	17.0	14.0	4	67.8	140	HC212-60MM	FWSN212	4.4
FWSN212-36A		2-1/4	7.68	1.30	0.63	6.50	0.67	0.55	0.16	2.67	5.51	HC212-36		
FWSN212-38A		2-3/8										HC212-38		
FWSN212-39A		2-7/16										HC212-39		
FWSN213-65AMM	65		205	50.0	15.0	170	16.0	19.0	14	81.6	145	HC213-65MM	FWSN213	6.0
FWSN213-40A		2-1/2	8.07	1.97	0.59	6.69	0.63	0.75	0.55	3.21	5.71	HC213-40		
FWSN214-70AMM	70		215	54.0	18.0	177	17.0	19.0	14	82.6	150	HC214-70MM	FWSN214	7.1
FWSN214-43A		2-11/16	8.46	2.13	0.71	6.97	0.67	0.75	0.55	3.25	5.91	HC214-43		
FWSN214-44A		2-3/4										HC214-44		
FWSN215-75AMM	75		220	56.0	18.0	184	18.0	19.0	16	88.8	160	HC215-75MM	FWSN215	7.7
FWSN215-47A		2-15/16	8.66	2.20	0.71	7.24	0.71	0.75	0.63	3.50	6.30	HC215-47		
FWSN215-48A		3										HC215-48		
FWSN216-80AMM	80		240	58.0	18.0	200	18.0	23.0	16	81.6	170	HC216-80MM	FWSN216	9.0
FWSN216-50A		3-1/8	9.45	2.28	0.71	7.87	0.71	0.91	0.71	3.21	6.69	HC216-50		

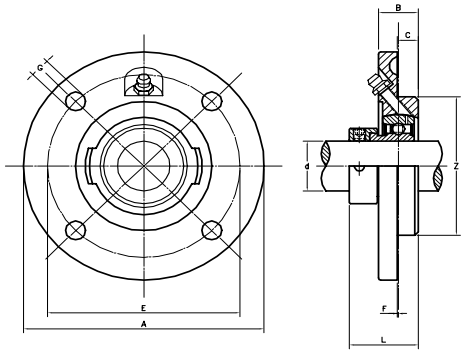
Note: Set Screw and Adapter Lock Bearings also available from stock. SA insert available for flush mounting.

Piloted 4-Bolt Flange

RVFW 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L	Z(h8)			
RVFW204 x 20MM RVFW204 x 3/4	20	 3/4	100 3.94	18.5 0.73	9.0 0.35	78 3.07	0.08 0.003	9.5 0.37	32.4 1.28	62 2.440	SA204 x 20MM SA204 x 3/4	RVFW204	0.6
RVFW205 x 25MM RVFW205 x 7/8 RVFW205 x 15/16 RVFW205 x 1	25	 7/8 15/16 1	115 4.53	19 0.75	10 0.39	90 3.543	0.58 0.02	9.5 0.37	32.9 1.30	70 2.755	SA205 x 25MM SA205 x 7/8 SA205 x 15/16 SA205 x 1	RVFW205	0.8
RVFW206 x 30MM RVFW206 x 1-1/8 RVFW206 x 1-3/16 RVFW206 x 1-1/4	30	 1-1/8 1-3/16 1-1/4	125 4.92	20.5 0.81	11 0.43	100 3.937	0.82 0.03	11.5 0.45	36.9 1.45	80 3.149	SA206 x 30MM SA206 x 1-1/8 SA206 x 1-3/16 SA206 x 1-1/4	RVFW206	1.0
RVFW207 x 35MM RVFW207 x 1-1/4 RVFW207 x 1-3/8 RVFW207 x 1-7/16	35	 1-1/4 1-3/8 1-7/16	135 5.31	20.5 0.81	10.5 0.41	110 4.33	1.12 0.04	11.5 0.45	38.8 1.53	90 3.543	SA207 x 35MM SA207 x 1-1/4 SA207 x 1-3/8 SA207 x 1-7/16	RVFW207	1.3
RVFW208 x 40MM RVFW208 x 1-1/2	40	 1-1/2	145 5.71	23 0.91	11.5 0.45	120 4.724	0.64 0.03	11.5 0.45	43.6 1.71	100 3.937	SA208 x 40MM SA208 x 1-1/2	RVFW208	1.6
RVFW209 x 45MM RVFW209 x 1-5/8 RVFW209 x 1-11/16 RVFW209 x 1-3/4	45	 1-5/8 1-11/16 1-3/4	155 6.10	25 0.98	13 0.51	130 5.118	1.16 0.05	14 0.55	44.5 1.75	105 4.133	SA209 x 45MM SA209 x 1-5/8 SA209 x 1-11/16 SA209 x 1-3/4	RVFW209	1.9
RVFW210 x 50MM RVFW210 x 1-7/8 RVFW210 x 1-15/16 RVFW210 x 2	50	 1-7/8 1-15/16 2	165 6.50	25 0.98	11 0.43	135 5.315	1.36 0.05	14 0.55	43.3 1.70	110 4.330	SA210 x 50MM SA210 x 1-7/8 SA210 x 1-15/16 SA210 x 2	RVFW210	2.4
RVFW212 x 60MM RVFW212 x 2-1/4 RVFW212 x 2-3/8 RVFW212 x 2-7/16	60	 2-1/4 2-3/8 2-7/16	195 7.68	24 0.94	16 0.63	160 6.299	— —	18 0.71	55.6 2.19	135 5.315	SA212 x 60MM SA212 x 2-1/4 SA212 x 2-3/8 SA212 x 2-7/16	RVFW212	3.8
RVFW213 x 65AMM RVFW213 x 2-1/2A	65	 2-1/2	215 8.46	32 1.26	14 0.55	177 6.97	— —	18 0.71	66.1 2.60	150 5.91	HC213 x 65MM HC213 x 2-1/2	RVFW213	5.8
RVFW214 x 70AMM RVFW214 x 2-11/16A RVFW214 x 2-3/4A	70	 2-11/16 2-3/4	215 8.46	32 1.26	14 0.55	177 6.97	— —	18 0.71	66.1 2.60	150 5.91	HC214 x 70MM HC214 x 2-11/16 HC214 x 2-3/4	RVFW214	5.6
RVFW216 x 80AMM RVFW216 x 3-1/8A	80	 3-1/8	220 8.66	31 1.22	13 0.51	184 7.24	2.0 0.08	18 0.71	71 2.76	160 6.3	HC216 x 80MM HC216 x 3-1/8	RVFW216	5.7
RVFW218 x 90AMM	90	—	265	32	12	220	4.0	23	69.5	190	HC218 x 90MM	RVFW218	8.8
RVFW220 x 100AMM	100	—	295	36	14	245	4.0	23	75	210	HC220 x 100MM	RVFW220	11.5
RVFW224 x 120AMM	120	—	350	40	16	295	4.0	27	81	250	HC224 x 120MM	RVFW224	17.5

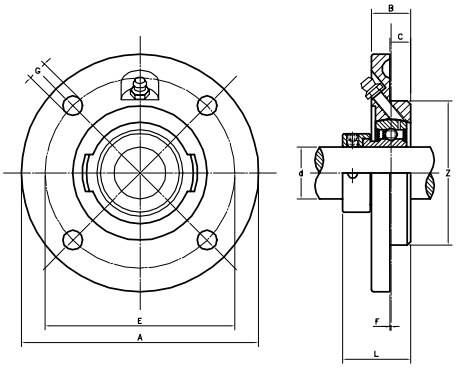
Note: Set Screw and Adapter Lock Bearings also available from stock.

Piloted 4-Bolt Flange

RVFW 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L	Z(h8)			
RVFW204-20MM RVFW204-12	20	 3/4	100 3.94	18.3 0.73	9. 0.35	78 3.07	0.08 0.003	9.5 0.37	32.4 1.28	62 2.440	SA204-20MM SA204-12	RVFW204	0.6
RVFW205-25MM RVFW205-14 RVFW205-15 RVFW205-16	25	 7/8 15/16 1	115 4.53	10 0.39	10 0.39	90 3.543	0.58 0.02	9.5 0.37	32.8 1.29	70 2.755	SA205-25MM SA205-14 SA205-15 SA205-16	RVFW205	0.8
RVFW206-30MM RVFW206-18 RVFW206-19 RVFW206-20	30	 1-1/8 1-3/16 1-1/4	125 4.92	11 0.43	11 0.43	100 3.937	0.82 0.03	11.5 0.45	36.9 1.45	80 3.149	SA206-30MM SA206-18 SA206-19 SA206-20	RVFW206	1.0
RVFW207-35MM RVFW207-20 RVFW207-22 RVFW207-23	35	 1-1/4 1-3/8 1-7/16	135 5.31	20.5 0.81	10.5 0.41	110 4.33	1.12 0.04	11.5 0.45	38.8 1.53	90 3.543	SA207-35MM SA207-20 SA207-22 SA207-23	RVFW207	1.3
RVFW208-40MM RVFW208-24	40	 1-1/2	145 5.71	23 0.91	11.5 0.45	120 4.724	0.64 0.03	11.5 0.45	42.5 1.67	100 3.937	SA208-40MM SA208-24	RVFW208	1.6
RVFW209-45MM RVFW209-26 RVFW209-27 RVFW209-28	45	 1-5/8 1-11/16 1-3/4	155 6.10	25 0.98	13 0.51	130 5.118	1.16 0.05	14 0.55	44.5 1.75	105 4.133	SA209-45MM SA209-26 SA209-27 SA209-28	RVFW209	1.9
RVFW210-50MM RVFW210-30 RVFW210-31 RVFW210-32	50	 1-7/8 1-15/16 2	165 6.50	25 0.98	11 0.43	135 5.315	1.36 0.05	14 0.55	43.3 1.70	110 4.330	SA210-50MM SA210-30 SA210-31 SA210-32	RVFW210	2.4
RVFW212-60MM RVFW212-36 RVFW212-38 RVFW212-39	60	 2-1/4 2-3/8 2-7/16	195 7.68	16 0.63	16 0.63	160 6.299	— —	18 0.71	55.8 2.20	135 5.315	SA212-60MM SA212-36 SA212-38 SA212-39	RVFW212	3.8
RVFW213-65AMM RVFW213-40A	65	 2-1/2	215 8.46	14 0.55	14 0.55	177 6.97	— —	18 0.71	66.1 2.60	150 5.91	HC213-65MM HC213-40	RVFW213	5.6
RVFW214-70AMM RVFW214-43A RVFW214-44A	70	 2-11/16 2-3/4	215 8.46	14 0.55	14 0.55	177 6.97	— —	18 0.71	66.1 2.60	150 5.91	HC214-70MM HC214-43 HC214-44	RVFW214	5.6
RVFW216-80AMM RVFW216-50A	80	 3-1/8	220 8.66	31 1.22	13 0.51	184 7.24	2.0 0.08	18 0.71	71 2.76	160 6.3	HC216-80MM HC216-50	RVFW216	5.7
RVFW218-90AMM	90	—	265	32	12	220	4.0	23	69.5	190	HC218-90MM	RVFW218	8.8
RVFW220-100AMM	100	—	295	36	14	245	4.0	23	75	210	HC220-100MM	RVFW220	11.5
RVFW224-120AMM	120	—	350	40	16	295	4.0	27	81	250	HC224-120MM	RVFW224	17.5

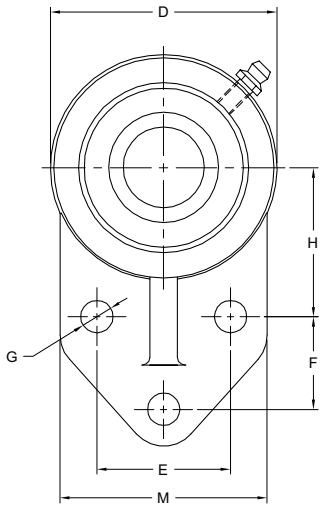
Note: Set Screw and Adapter Lock Bearings also available from stock.

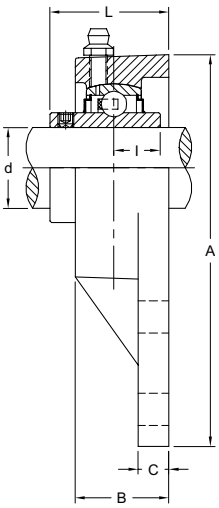
3-Bolt Flanged Bracket

FB 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
FB201 x 12UMM	12		108	25.5	8	64	38.1	22.2	10	43	16	34.3	60	UC201 x 12MM		
FB202 x 15UMM	15													UC202 x 15MM		
FB203 x 17UMM	17													UC203 x 17MM	FB204	0.7
FB201 x 1/2U		1/2	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.35	2.36	UC201 x 1/2		
FB202 x 5/8U		5/8												UC202 x 5/8		
FB203 x 11/16U		11/16												UC203 x 11/16		
FB204 x 20UMM	20		108	25.5	8	64	38.1	22.2	10	43	16	34.3	60	UC204 x 20MM	FB204	0.7
FB204 x 3/4U		3/4	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.35	2.36	UC204 x 3/4		
FB205 x 25UMM	25		121	29	9.5	70	41.3	28.6	10	46	17	36.8	64	UC205 x 25MM		
FB205 x 7/8U		7/8	4.76	1.16	0.37	2.76	1.625	1.125	0.40	1.812	0.67	1.45	2.52	UC205 x 7/8	FB205	0.8
FB205 x 15/16U		15/16												UC205 x 15/16		
FB205 x 1U		1												UC205 x 1		
FB206 x 30UMM	30		137	32	9.5	83	47.6	31.8	10	52.4	19	41.2	70	UC206 x 30MM		
FB206 x 1-1/8U		1-1/8	5.39	1.26	0.37	3.27	1.875	1.250	0.40	2.063	0.75	1.62	2.76	UC206 x 1-1/8	FB206	1.3
FB206 x 1-3/16U		1-3/16												UC206 x 1-3/16		
FB206 x 1-1/4U		1-1/4												UC206 x 1-1/4		
FB207 x 35UMM	35		156	37	13	95	50.8	31.8	10	60	21	46.4	83	UC207 x 35MM		
FB207 x 1-1/4U		1-1/4	6.14	1.46	0.51	3.74	2.000	1.250	0.40	2.375	0.83	1.83	3.27	UC207 x 1-1/4	FB207	1.7
FB207 x 1-3/8U		1-3/8												UC207 x 1-3/8		
FB207 x 1-7/16U		1-7/16												UC207 x 1-7/16		
FB208 x 40UMM	40		164	34	16	100	50	41	12	60	21	51.2	78	UC208 x 40MM	FB208	2.0
FB208 x 1-1/2U		1-1/2	6.46	1.34	0.63	3.93	1.968	1.625	0.47	2.375	0.83	2.02	3.08	UC208 x 1-1/2		
FB209 x 45UMM	45		174	34	18	106	54	43	12	65	21	51.2	80	UC209 x 45MM		
FB209 x 1-5/8U		1-5/8	6.85	1.34	0.63	4.17	2.125	1.688	0.47	2.563	0.83	2.02	3.15	UC209 x 1-5/8	FB209	2.3
FB209 x 1-11/16U		1-11/16												UC209 x 1-11/16		
FB209 x 1-3/4U		1-3/4												UC209 x 1-3/4		
FB210 x 50UMM	50		191	38	13	118	70	41.3	12	74.6	21	53.6	102	UC210 x 50MM		
FB210 x 1-7/8U		1-7/8	7.52	1.50	0.51	4.65	2.750	1.625	0.47	2.938	0.83	2.11	4.02	UC210 x 1-7/8	FB210	2.9
FB210 x 1-15/16U		1-15/16												UC210 x 1-15/16		
FB210 x 2U		2												UC210 x 2		

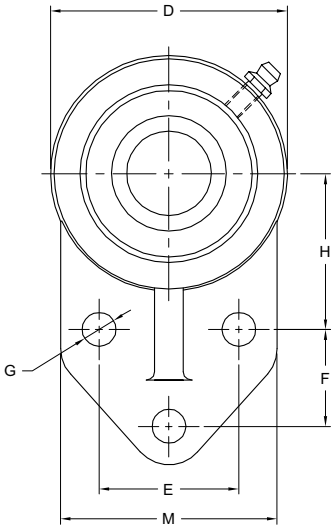
Note: Eccentric Collar and Adapter Lock Bearings also available from stock.

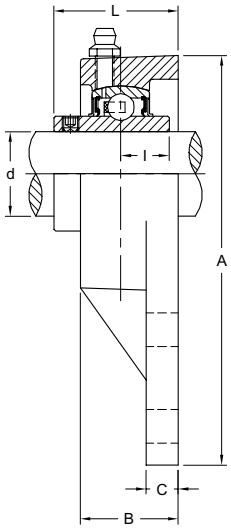
3-Bolt Flanged Bracket

FB 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
FB201-12UMM	12		108	25.5	8	64	38.1	22.2	10	43	16	34.3	60	UC201-12MM		
FB202-15UMM	15													UC202-15MM		
FB203-17UMM	17													UC203-17MM	FB204	0.7
FB201-8U		1/2	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.35	2.36	UC201-8		
FB202-10U		5/8												UC202-10		
FB203-11U		11/16												UC203-11		
FB204-20UMM	20		108	25.5	8	64	38.1	22.2	10	43	16	34.3	60	UC204-20MM	FB204	0.7
FB204-12U		3/4	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.35	2.36	UC204-12		
FB205-25UMM	25		121	29	9.5	70	41.3	28.6	10	46	17	36.8	64	UC205-25MM		
FB205-14U		7/8	4.76	1.16	0.37	2.76	1.625	1.125	0.40	1.812	0.67	1.45	2.52	UC205-14	FB205	0.8
FB205-15U		15/16												UC205-15		
FB205-16U		1												UC205-16		
FB206-30UMM	30		137	32	9.5	83	47.6	31.8	10	52.4	19	41.2	70	UC206-30MM		
FB206-18U		1-1/8	5.39	1.26	0.37	3.27	1.875	1.250	0.40	2.063	0.75	1.62	2.76	UC206-18	FB206	1.3
FB206-19U		1-3/16												UC206-19		
FB206-20U		1-1/4												UC206-20		
FB207-35UMM	35		156	37	13	95	50.8	31.8	10	60	21	46.4	83	UC207-35MM		
FB207-20U		1-1/4	6.14	1.46	0.51	3.74	2.000	1.250	0.40	2.375	0.83	1.83	3.27	UC207-20	FB207	1.7
FB207-22U		1-3/8												UC207-22		
FB207-23U		1-7/16												UC207-23		
FB208-40UMM	40		164	34	16	100	50	41	12	60	21	51.2	78	UC208-40MM	FB208	2.0
FB208-24U		1-1/2	6.46	1.34	0.63	3.93	1.968	1.625	0.47	2.375	0.83	2.02	3.08	UC208-24		
FB209-45UMM	45		174	34	18	106	54	43	12	65	21	51.2	80	UC209-45MM		
FB209-26U		1-5/8	6.85	1.34	0.63	4.17	2.125	1.688	0.47	2.563	0.83	2.02	3.15	UC209-26	FB209	2.3
FB209-27U		1-11/16												UC209-27		
FB209-28U		1-3/4												UC209-28		
FB210-50UMM	50		191	38	13	118	70	41.3	12	74.6	21	53.6	102	UC210-50MM		
FB210-30U		1-7/8	7.52	1.50	0.51	4.65	2.750	1.625	0.47	2.938	0.83	2.11	4.02	UC210-30	FB210	2.9
FB210-31U		1-15/16												UC210-31		
FB210-32U		2												UC210-32		

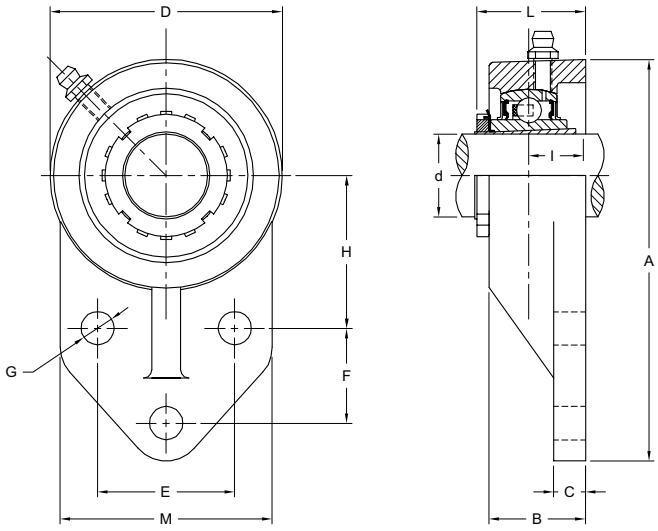
Note: Eccentric Collar and Adapter Lock Bearings also available from stock.

3-Bolt Flanged Bracket

GSHFB 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M				
GSHFB204-20MM	20		108	25.5	8	64	38.1	22.2	10	43	16	34.9	60	GSH204	H204GSH-20MM	FB204	0.7
GSHFB204-12		3/4	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.37	2.36		H204GSH-12		
GSHFB205-25MM	25		121	29	9.5	70	41.3	28.6	10	46	17	34.0	64		H205GSH-25MM		
GSHFB205-15		15/16	4.76	1.16	0.37	2.76	1.625	1.125	0.40	1.812	0.67	1.34	2.52	GSH205	H205GSH-15	FB205	0.8
GSHFB205-16		1													H205GSH-16		
GSHFB206-30MM	30		137	32	9.5	83	47.6	31.8	10	52.4	19	41.7	70	GSH206	H206GSH-30MM	FB206	1.3
GSHFB206-19		1-3/16	5.39	1.26	0.37	3.27	1.875	1.250	0.40	2.063	0.75	1.64	2.76		H206GSH-19		
GSHFB207-35MM	35		156	37	13	95	50.8	31.8	10	60	21	45.6	83		H207GSH-35MM		
GSHFB207-20		1-1/4	6.14	1.46	0.51	3.74	2.000	1.250	0.40	2.375	0.83	1.80	3.27	GSH207	H207GSH-20	FB207	1.7
GSHFB207-22		1-3/8													H207GSH-22		
GSHFB208-40MM	40		164	34	16	100	50	41	12	60	21	48.9	78	GSH208	H208GSH-40MM	FB208	2.0
GSHFB208-24		1-1/2	6.46	1.34	0.63	3.93	1.968	1.625	0.47	2.375	0.83	1.93	3.08		H208GSH-24		
GSHFB209-45MM	45		174	34	18	106	54	43	12	65	21	48.6	80	GSH209	H209GSH-45MM	FB209	2.4
GSHFB209-28		1-3/4	6.85	1.34	0.63	4.17	2.125	1.688	0.47	2.563	0.83	1.91	3.15		H209GSH-28		
GSHFB210-50MM	50		191	38	13	118	70	41.3	12	74.6	21	47.4	102		H210GSH-50MM		
GSHFB210-31		1-15/16	7.52	1.50	0.51	4.65	2.750	1.625	0.47	2.938	0.83	1.87	4.02	GSH210	H210GSH-31	FB210	3.0
GSHFB210-32		2													H210GSH-32		

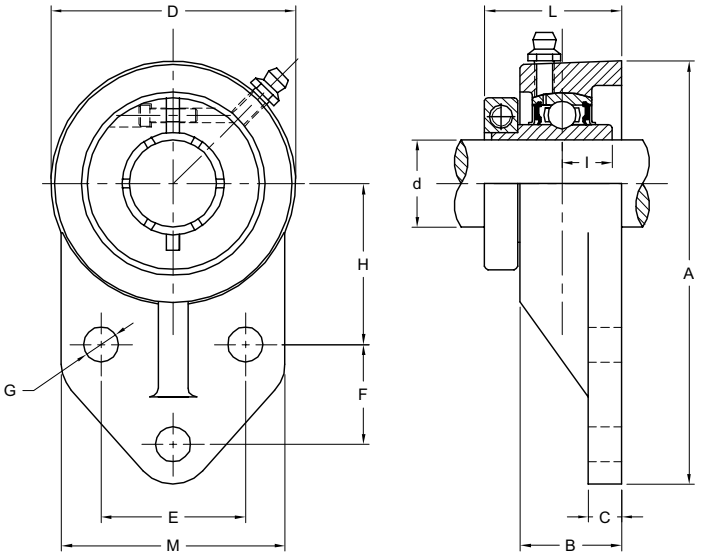
3-Bolt Flanged Bracket

CLFB 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
CLFB204-20MM	20		108	25.5	8	64	38.1	22.2	10	43	16	35.8	60	CL204-20MM	FB204	0.7
CLFB204-12		3/4	4.25	1.0	0.31	2.52	1.500	0.875	0.40	1.688	0.63	1.41	2.36	CL204-12		
CLFB205-25MM	25		121	29	9.5	70	41.3	28.6	10	46	17	39.2	64	CL205-25MM	FB205	0.8
CLFB205-14		7/8	4.76	1.16	0.37	2.76	1.625	1.125	0.40	1.812	0.67	1.54	2.52	CL205-14		
CLFB205-15		15/16												CL205-15		
CLFB205-16		1												CL205-16		
CLFB206-30MM	30		137	32	9.5	83	47.6	31.8	10	52.4	19	42.8	70	CL206-30 MM	FB206	1.3
CLFB206-18		1-1/8	5.39	1.26	0.37	3.27	1.875	1.250	0.40	2.063	0.75	1.69	2.76	CL206-18		
CLFB206-19		1-3/16												CL206-19		
CLFB206-20		1-1/4												CL206-20		
CLFB207-35MM	35		156	37	13	95	50.8	31.8	10	60	21	48.0	83	CL207-35MM	FB207	1.7
CLFB207-20		1-1/4	6.14	1.46	0.51	3.74	2.000	1.250	0.40	2.375	0.83	1.89	3.27	CL207-20		
CLFB207-22		1-3/8												CL207-22		
CLFB207-23		1-7/16												CL207-23		
CLFB208-40MM	40		164	34	16	100	50	41	12	60	21	52.8	78	CL208-40MM	FB208	2.0
CLFB208-24		1-1/2	6.46	1.34	0.63	3.93	1.968	1.625	0.47	2.375	0.83	2.08	3.08	CL208-24		
CLFB209-45MM	45		174	34	18	106	54	43	12	65	21	52.8	80	CL209-45MM	FB209	2.3
CLFB209-26		1-5/8	6.85	1.34	0.63	4.17	2.125	1.688	0.47	2.563	0.83	2.08	3.15	CL209-26		
CLFB209-27		1-11/16												CL209-27		
CLFB209-28		1-3/4												CL209-28		
CLFB210-50MM	50		191	38	13	118	70	41.3	12	74.6	21	55.1	102	CL210-50MM	FB210	2.9
CLFB210-30		1-7/8	7.52	1.50	0.51	4.65	2.750	1.625	0.47	2.938	0.83	2.17	4.02	CL210-30		
CLFB210-31		1-15/16												CL210-31		
CLFB210-32		2												CL210-32		

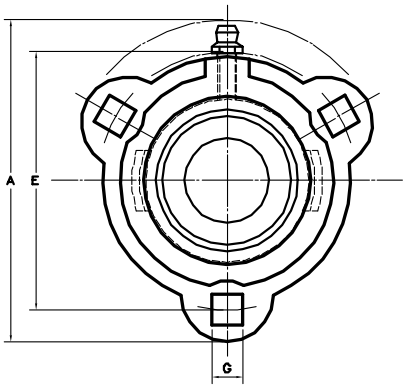
Note: Other sizes available on request.

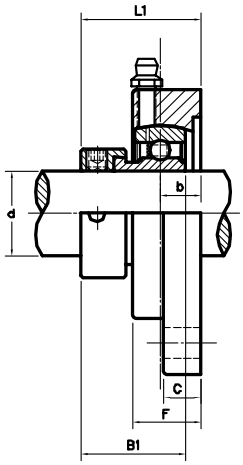
Ductile 3-Bolt Flange

F3X 200 Gold Series

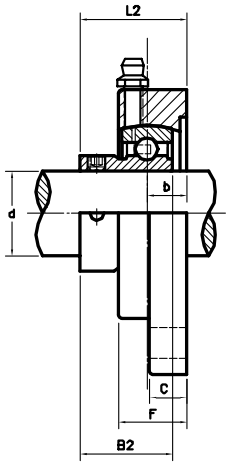
Normal Duty Bearing, Compact, Narrow Profile
Ductile Iron Housing, Square Holes
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B_1	B_2	b	C	E	F	G	L_1	L_2	Eccentric	Set Screw		
F3X201 x 12MM	F3X201 x 12SMM	12		81	28.6	22	9.7	10.3	63.5	17	7.1	31.8	25.7	SA201 x 12MM	SB201 x 12MM		
F3X202 x 15MM	F3X202 x 15SMM	15												SA202 x 15MM	SB202 x 15MM		
F3X203 x 17MM	F3X203 x 17SMM	17												SA203 x 17MM	SB203 x 17MM	F3X203	0.3
F3X201 x 1/2	F3X201 x 1/2S		1/2	3.19	1.13	0.87	0.38	0.41	2.5	0.67	.28	1.25	1.01	SA201 x 1/2	SB201 x 1/2		
F3X202 x 5/8	F3X202 x 5/8S		5/8											SA202 x 5/8	SB202 x 5/8		
F3X203 x 11/16	F3X203 x 11/16S		11/16											SA203 x 11/16	SB203 x 11/16		
F3X204 x 20MM	F3X204 x 20SMM	20		90.5	31	25	11.1	11	71.4	17	8.7	34.6	29.1	SA204 x 20MM	SB204 x 20MM	F3X204	0.4
F3X204 x 3/4	F3X204 x 3/4S		3/4	3.56	1.22	0.98	0.44	0.43	2.81	0.67	0.34	1.36	1.15	SA204 x 3/4	SB204 x 3/4		
F3X205 x 25MM	F3X205 x 25SMM	25		95.3	31	27	11.8	11	76.3	20	9	35.3	31.3	SA205 x 25MM	SB205 x 25MM		
F3X205 x 7/8	F3X205 x 7/8S		7/8	3.75	1.22	1.06	0.46	0.43	3.000	0.79	0.35	1.39	1.23	SA205 x 7/8	SB205 x 7/8	F3X205	0.5
F3X205 x 15/16	F3X205 x 15/16S		15/16											SA205 x 15/16	SB205 x 15/16		
F3X205 x 1	F3X205 x 1S		1											SA205 x 1	SB205 x 1		
F3X206 x 30MM	F3X206 x 30SMM	30		116	35.7	30	12.4	12	90.5	23	10.3	39.1	33.4	SA206 x 30MM	SB206 x 30MM		
F3X206 x 1-1/8	F3X206 x 1-1/8S		1-1/8	4.56	1.41	1.18	0.49	0.47	3.563	0.9	0.41	1.54	1.31	SA206 x 1-1/8	SB206 x 1-1/8	F3X206	0.7
F3X206 x 1-3/16	F3X206 x 1-3/16S		1-3/16											SA206 x 1-3/16	SB206 x 1-3/16		
F3X206 x 1-1/4	F3X206 x 1-1/4S		1-1/4											SA206 x 1-1/4	SB206 x 1-1/4		
F3X207 x 35MM	F3X207 x 35SMM	35		122	38.9	32	12.7	13	100	25	10.3	42.1	38.2	SA207 x 35MM	SB207 x 35MM		
F3X207 x 1-1/4	F3X207 x 1-1/4S		1-1/4	4.81	1.53	1.26	0.5	0.5	3.938	0.98	0.41	1.66	1.50	SA207 x 1-1/4	SB207 x 1-1/4	F3X207	0.9
F3X207 x 1-3/8	F3X207 x 1-3/8S		1-3/8											SA207 x 1-3/8	SB207 x 1-3/8		
F3X207 x 1-7/16	F3X207 x 1-7/16S		1-7/16											SA207 x 1-7/16	SB207 x 1-7/16		

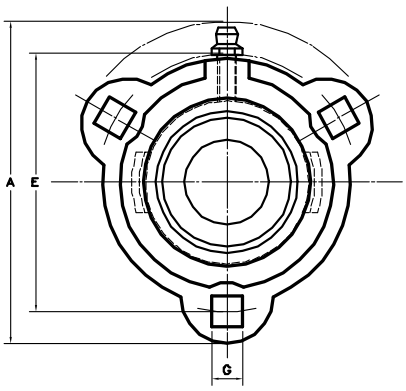
Note: Adapter Lock Bearings also available from stock.

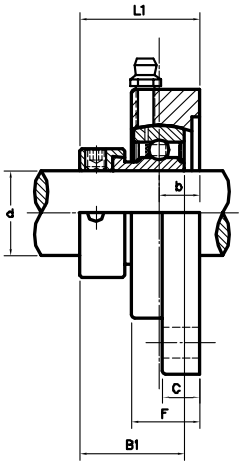
Ductile 3-Bolt Flange

F3X 200 Silver Series

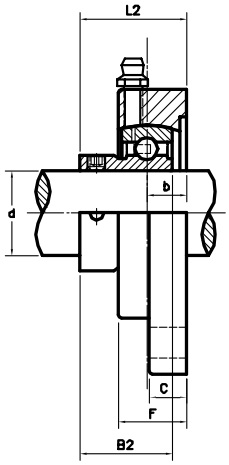
Normal Duty Bearing, Compact, Narrow Profile
Ductile Iron Housing, Square Holes
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B_1	B_2	b	C	E	F	G	L_1	L_2	Eccentric	Set Screw		
F3X201-12MM	F3X201-12SMM	12		81	28.6	22	9.7	10.3	63.5	17	7.1	32.3	25.7	SA201-12MM	SB201-12MM		
F3X202-15MM	F3X202-15SMM	15												SA202-15MM	SB202-15MM		
F3X203-17MM	F3X203-17SMM	17												SA203-17MM	SB203-17MM	F3X203	0.3
F3X201-8	F3X201-8S		1/2	3.19	1.13	0.87	0.38	0.41	2.5	0.67	.28	1.27	1.01	SA201-8	SB201-8		
F3X202-10	F3X202-10S		5/8											SA202-10	SB202-10		
F3X203-11	F3X203-11S		11/16											SA203-11	SB203-11		
F3X204-20MM	F3X204-20SMM	20		90.5	31	25	11.1	11	71.4	17	8.7	35.1	29.1	SA204-20MM	SB204-20MM	F3X204	0.4
F3X204-12	F3X204-12S		3/4	3.56	1.22	0.98	0.44	0.43	2.81	0.67	0.34	1.38	1.15	SA204-12	SB204-12		
F3X205-25MM	F3X205-25SMM	25		95.3	31	27	11.8	11	76.3	20	9	35.3	31.3	SA205-25MM	SB205-25MM		
F3X205-14	F3X205-14S		7/8	3.75	1.22	1.06	0.46	0.43	3.000	0.79	0.35	1.39	1.23	SA205-14	SB205-14	F3X205	0.5
F3X205-15	F3X205-15S		15/16											SA205-15	SB205-15		
F3X205-16	F3X205-16S		1											SA205-16	SB205-16		
F3X206-30MM	F3X206-30SMM	30		116	35.7	30	12.4	12	90.5	23	10.3	40.1	34.4	SA206-30MM	SB206-30MM		
F3X206-18	F3X206-18S		1-1/8	4.56	1.41	1.18	0.49	0.47	3.563	0.9	0.41	1.58	1.35	SA206-18	SB206-18	F3X206	0.7
F3X206-19	F3X206-19S		1-3/16											SA206-19	SB206-19		
F3X206-20	F3X206-20S		1-1/4											SA206-20	SB206-20		
F3X207-35MM	F3X207-35SMM	35		122	38.9	32	12.7	13	100	25	10.3	43.1	36.2	SA207-35MM	SB207-35MM		
F3X207-20	F3X207-20S		1-1/4	4.81	1.53	1.26	0.5	0.5	3.938	0.98	0.41	1.7	1.43	SA207-20	SB207-20	F3X207	0.9
F3X207-22	F3X207-22S		1-3/8											SA207-22	SB207-22		
F3X207-23	F3X207-23S		1-7/16											SA207-23	SB207-23		

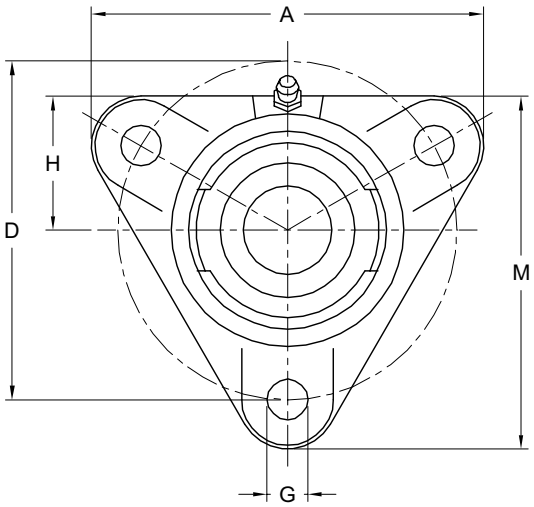
Note: Adapter Lock Bearings also available from stock.

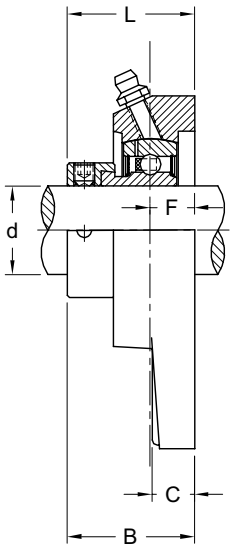
3-Bolt Flange

DFW 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	F	G	H	L	M			
DFW204 x 20MM	20		105	20	10	90	10.6	11.5	35	34.2	93	SA204 x 20MM	DFW204	0.5
DFW204 x 3/4		3/4	4.13	0.79	0.39	3.54	0.42	0.45	1.38	1.35	3.66	SA204 x 3/4		
DFW205 x 25MM	25		110	23	12	96	12.6	11.5	38	36.2	100	SA205 x 25MM	DFW205	0.6
DFW205 x 7/8		7/8	4.33	0.91	0.47	3.78	0.5	0.45	1.5	1.43	3.94	SA205 x 7/8		
DFW205 x 15/16		15/16										SA205 x 15/16		
DFW205 x 1		1										SA205 x 1		
DFW206 x 30MM	30		130	24	12	116	13.5	11.5	44	40.2	117	SA206 x 30MM	DFW206	1.0
DFW206 x 1-1/8		1-1/8	5.12	0.94	0.47	4.57	0.53	0.45	1.73	1.58	4.61	SA206 x 1-1/8		
DFW206 x 1-3/16		1-3/16										SA206 x 1-3/16		
DFW206 x 1-1/4		1-1/4										SA206 x 1-1/4		
DFW207 x 35MM	35		145	27	12	130	15.7	14	48.5	45.0	130	SA207 x 35MM	DFW207	1.3
DFW207 x 1-1/4		1-1/4	5.71	1.06	0.47	5.12	0.62	0.55	1.81	1.77	5.12	SA207 x 1-1/4		
DFW207 x 1-3/8		1-3/8										SA207 x 1-3/8		
DFW207 x 1-7/16		1-7/16										SA207 x 1-7/16		
DFW208 x 40MM	40		160	31	12	140	16.5	14	54	49.2	143	SA208 x 40MM	DFW208	1.8
DFW208 x 1-1/2		1-1/2	6.3	1.22	0.47	5.51	0.65	0.55	2.13	1.94	5.63	SA208 x 1-1/2		
DFW209 x 45MM	45		180	33	15	160	19.6	14	60.0	52.3	160	SA209 x 45MM	DFW209	2.3
DFW209 x 1-5/8		1-5/8	7.09	1.3	0.59	6.3	0.77	0.55	2.36	2.06	6.3	SA209 x 1-5/8		
DFW209 x 1-11/16		1-11/16										SA209 x 1-11/16		
DFW209 x 1-3/4		1-3/4										SA209 x 1-3/4		
DFW210 x 50MM	50		180	33	15	160	19.6	14	60	52.3	160	SA210 x 50MM	DFW210	2.4
DFW210 x 1-7/8		1-7/8	7.09	1.3	0.59	6.3	0.77	0.55	2.36	2.06	6.3	SA210 x 1-7/8		
DFW210 x 1-15/16		1-15/16										SA210 x 1-15/16		
DFW210 x 2		2										SA210 x 2		

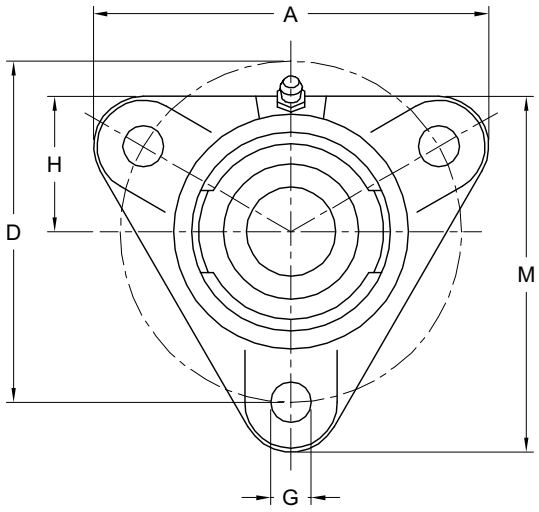
Note: Set Screw and Adapter Lock Bearings also available from stock.

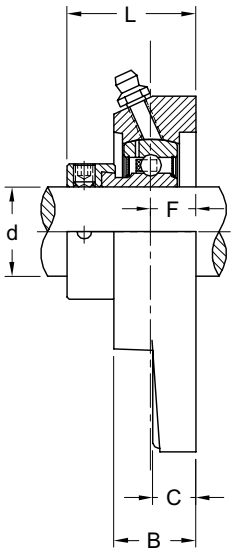
3-Bolt Flange

DFW 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	F	G	H	L	M			
DFW204-20MM	20		105	20	10	90	10.6	11.5	35	34.6	93	SA204-20MM	DFW204	0.5
DFW204-12		3/4	4.13	0.79	0.39	3.54	0.42	0.45	1.38	1.36	3.66	SA204-12		
DFW205-25MM	25		110	23	12	96	12.6	11.5	38	36.1	100	SA205-25MM	DFW205	0.6
DFW205-14		7/8	4.33	0.91	0.47	3.78	0.5	0.45	1.5	1.42	3.94	SA205-14		
DFW205-15		15/16										SA205-15		
DFW205-16		1										SA205-16		
DFW206-30MM	30		130	24	12	116	13.5	11.5	44	41.2	117	SA206-30MM	DFW206	1.0
DFW206-18		1-1/8	5.12	0.94	0.47	4.57	0.53	0.45	1.73	1.62	4.61	SA206-18		
DFW206-19		1-3/16										SA206-19		
DFW206-20		1-1/4										SA206-20		
DFW207-35MM	35		145	27	12	130	15.7	14	48.5	46.1	130	SA207-35MM	DFW207	1.3
DFW207-20		1-1/4	5.71	1.06	0.47	5.12	0.62	0.55	1.81	1.81	5.12	SA207-20		
DFW207-22		1-3/8										SA207-22		
DFW207-23		1-7/16										SA207-23		
DFW208-40MM	40		160	31	12	140	16.5	14	54	51.2	143	SA208-40MM	DFW208	1.8
DFW208-24		1-1/2	6.3	1.22	0.47	5.51	0.65	0.55	2.13	2.02	5.63	SA208-24		
DFW209-45MM	45		180	33	15	160	19.6	14	60.0	53.8	160	SA209-45MM	DFW209	2.3
DFW209-26		1-5/8	7.09	1.3	0.59	6.3	0.77	0.55	2.36	2.12	6.3	SA209-26		
DFW209-27		1-11/16										SA209-27		
DFW209-28		1-3/4										SA209-28		
DFW210-50MM	50		180	33	15	160	19.6	14	60	53.3	160	SA210-50MM	DFW210	2.4
DFW210-30		1-7/8	7.09	1.3	0.59	6.3	0.77	0.55	2.36	2.10	6.3	SA210-30		
DFW210-31		1-15/16										SA210-31		
DFW210-32		2										SA210-32		

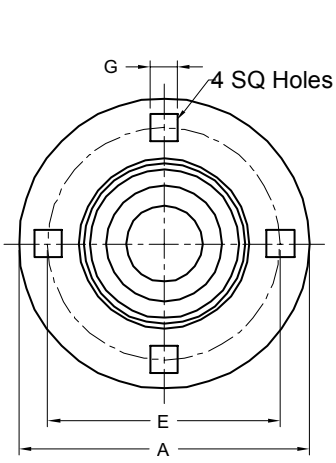
Note: Set Screw and Adapter Lock Bearings also available from stock.

Pressed Steel Flange Units

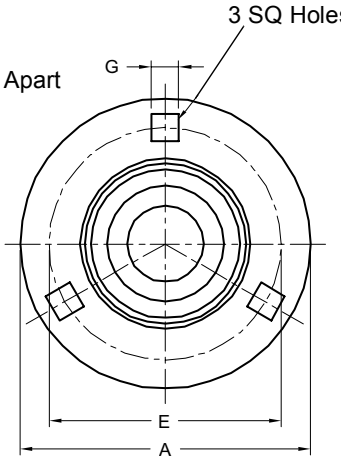
BF Gold Series - 3 & 4 Bolt Round

Normal Duty, 2 pc Steel Housing
Eccentric and Set Screw Locking
Metric and Inch Bores

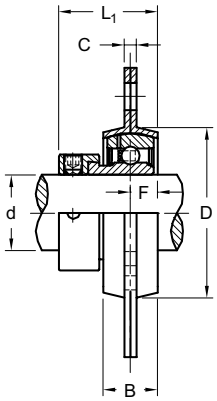




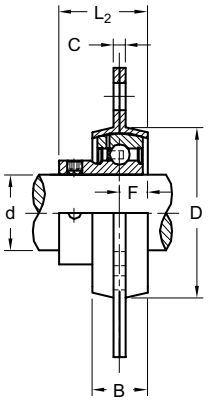
Size: BF 208 & 210



Size: BF 203-208



Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing Part No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
BF201 x 12MM	BF201 x 12SMM	12		81	14	4	48	63.5	7	7.1	29.1	23	SA201 x 12MM	SB201 x 12MM		
BF202 x 15MM	BF202 x 15SMM	15											SA202 x 15MM	SB202 x 15MM		
BF203 x 17MM	BF203 x 17SMM	17											SA203 x 17MM	SB203 x 17MM	BF203	0.2
BF201 x 1/2	BF201 x 1/2S		1/2	3.19	0.55	0.16	1.89	2.500	0.28	0.28	1.15	0.91	SA201 x 1/2	SB201 x 1/2	(PF3)	
BF202 x 5/8	BF202 x 5/8S		5/8										SA202 x 5/8	SB202 x 5/8		
BF203 x 11/16	BF203 x 11/16S		11/16										SA203 x 11/16	SB203 x 11/16		
BF204 x 20MM	BF204 x 20SMM	20		90	17	4	55	71.5	8.5	8.7	31.2	26.5	SA204 x 20MM	SB204 x 20MM	BF204	0.3
BF204 x 3/4	BF204 x 3/4S		3/4	3.54	0.67	0.16	2.17	2.815	0.33	0.34	1.26	1.04	SA204 x 3/4	SB204 x 3/4	(PF4)	
BF205 x 25MM	BF205 x 25SMM	25		95	18	4	60	76	9	8.7	32.5	28.5	SA205 x 25MM	SB205 x 25MM		
BF205 x 7/8	BF205 x 7/8S		7/8	3.74	0.71	0.16	2.36	3.000	0.35	0.34	1.28	1.12	SA205 x 7/8	SB205 x 7/8	BF205	0.4
BF205 x 15/16	BF205 x 15/16S		15/16										SA205 x 15/16	SB205 x 15/16	(PF5)	
BF205 x 1	BF205 x 1S		1										SA205 x 1	SB205 x 1		
BF206 x 30MM	BF206 x 30SMM	30		113	19	5	71	90.5	9.5	10.5	36.2	30.5	SA206 x 30MM	SB206 x 30MM		
BF206 x 1-1/8	BF206 x 1-1/8S		1-1/8	4.45	0.75	0.20	2.80	3.563	0.37	0.41	1.43	1.20	SA206 x 1-1/8	SB206 x 1-1/8	BF206	0.5
BF206 x 1-3/16	BF206 x 1-3/16S		1-3/16										SA206 x 1-3/16	SB206 x 1-3/16	(PF6)	
BF206 x 1-1/4	BF206 x 1-1/4S		1-1/4										SA206 x 1-1/4	SB206 x 1-1/4		
BF207 x 35MM	BF207 x 35SMM	35		122	21	5	81	100	10.5	10.5	39.9	36.0	SA207 x 35MM	SB207 x 35MM		
BF207 x 1-1/4	BF207 x 1-1/4S		1-1/4	4.80	0.83	0.20	3.19	3.937	0.41	0.41	1.57	1.42	SA207 x 1-1/4	SB207 x 1-1/4	BF207	0.7
BF207 x 1-3/8	BF207 x 1-3/8S		1-3/8										SA207 x 1-3/8	SB207 x 1-3/8	(PF7)	
BF207 x 1-7/16	BF207 x 1-7/16S		1-7/16										SA207 x 1-7/16	SB207 x 1-7/16		
BF208 x 40MM	BF208 x 40SMM	40		148	21	7	90	119	10.5	13.5	43.2	39.5	SA208 x 40MM	SB208 x 40MM	BF208	0.8
BF208 x 1-1/2	BF208 x 1-1/2S		1-1/2	5.83	0.83	0.28	3.54	4.687	0.41	0.53	1.70	1.56	SA208 x 1-1/2	SB208 x 1-1/2	(PF8)	
BF208-4B x 40MM	BF208-4B x 40SMM	40		147.6	20.6	6.8	90.40	119.06	10.3	13.5	43.0	39.3	SA208 x 40MM	SB208 x 40MM	BF208-4B	0.9
BF208-4B x 1-1/2	BF208-4B x 1-1/2S		1-1/2	5.81	0.81	0.27	3.56	4.69	0.41	0.53	1.69	1.55	SA208 x 1-1/2	SB208 x 1-1/2	(PF8)	
BF210-4B x 50MM	BF210-4B x 50SMM	50		155.6	25.4	7.6	101.6	127.0	12.7	13.5	45.4	44.7	SA210 x 50MM	SB210 x 50MM		
BF210-4B x 1-7/8	BF210-4B x 1-7/8S		1-7/8	6.13	1.0	0.30	4.0	5.0	0.50	0.53	1.79	1.76	SA210 x 1-7/8	SB210 x 1-7/8	BF210-4B	1.1
BF210-4B x 1-15/16	BF210-4B x 1-15/16S		1-15/16										SA210 x 1-15/16	SB210 x 1-15/16	(PF210)	
BF210-4B x 2	BF210-4B x 2S		2										SA210 x 2	SB210 x 2		

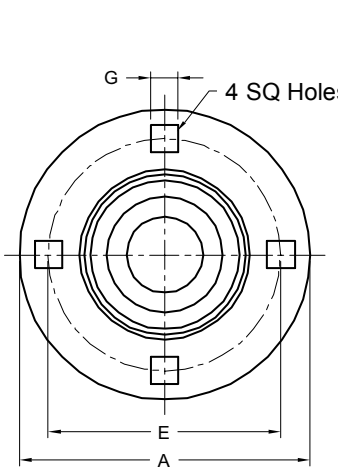
Note: Adapter Lock Bearings also available from stock.

Pressed Steel Flange Units

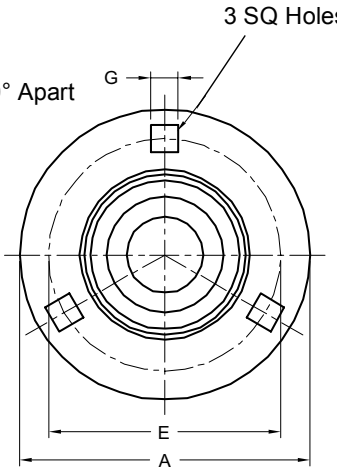
BF Silver Series - 3 & 4 Bolt Round

Normal Duty, 2 pc Steel Housing
Eccentric and Set Screw Locking
Metric and Inch Bores

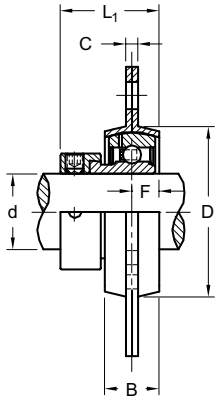




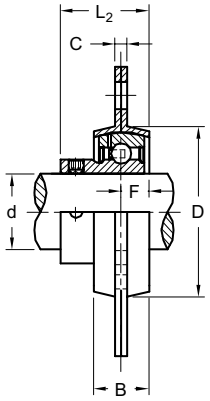
Size: BF 208 & 210



Size: BF 203-208



Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

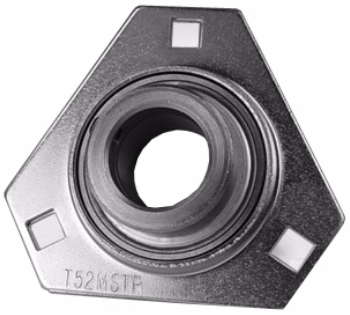
Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing Part No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
BF201-12MM	BF201-12SMM	12		81	14	4	48	63.5	7	7.1	29.1	23	SA201-12MM	SB201-12MM		
BF202-15MM	BF202-15SMM	15											SA202-15MM	SB202-15MM		
BF203-17MM	BF203-17SMM	17											SA203-17MM	SB203-17MM	BF203	0.2
BF201-8	BF201-8S		1/2	3.19	0.55	0.16	1.89	2.500	0.28	0.28	1.17	0.91	SA201-8	SB201-8	(PF3)	
BF202-10	BF202-10S		5/8										SA202-10	SB202-10		
BF203-11	BF203-11S		11/16										SA203-11	SB203-11		
BF204-20MM	BF204-20SMM	20		90	17	4	55	71.5	8.5	8.7	32.5	26.5	SA204-20MM	SB204-20MM	BF204	0.3
BF204-12	BF204-12S		3/4	3.56	0.67	0.16	2.17	2.815	0.33	0.34	1.28	1.04	SA204-12	SB204-12	(PF4)	
BF205-25MM	BF205-25SMM	25		95	18	4	60	76	9	8.7	32.5	28.5	SA205-25MM	SB205-25MM		
BF205-14	BF205-14S		7/8	3.74	0.71	0.16	2.36	3.000	0.35	0.34	1.28	1.12	SA205-14	SB205-14	BF205	0.4
BF205-15	BF205-15S		15/16										SA205-15	SB205-15	(PF5)	
BF205-16	BF205-16S		1										SA205-16	SB205-16		
BF206-30MM	BF206-30SMM	30		113	19	5	71	90.5	9.5	10.5	37.2	31.5	SA206-30MM	SB206-30MM		
BF206-18	BF206-18S		1-1/8	4.45	0.75	0.20	2.80	3.563	0.37	0.41	1.46	1.24	SA206-18	SB206-18	BF206	0.5
BF206-19	BF206-19S		1-3/16										SA206-19	SB206-19	(PF6)	
BF206-20	BF206-20S		1-1/4										SA206-20	SB206-20		
BF207-35MM	BF207-35SMM	35		122	21	5	81	100	10.5	10.5	40.9	34.0	SA207-35MM	SB207-35MM		
BF207-20	BF207-20S		1-1/4	4.80	0.83	0.20	3.19	3.937	0.41	0.41	1.61	1.34	SA207-20	SB207-20	BF207	0.7
BF207-22	BF207-22S		1-3/8										SA207-22	SB207-22	(PF7)	
BF207-23	BF207-23S		1-7/16										SA207-23	SB207-23		
BF208-40MM	BF208-40SMM	40		148	21	7	90	119	10.5	13.5	45.2	35.5	SA208-40MM	SB208-40MM	BF208	0.8
BF208-24	BF208-24S		1-1/2	5.83	0.83	0.28	3.54	4.687	0.41	0.53	1.70	1.40	SA208-24	SB208-24	(PF8)	
BF208-4B-40MM	BF208-4B-40SMM	40		147.6	20.6	6.8	90.49	119.06	10.3	13.5	43.0	39.3	SA208-40MM	SB208-40MM	BF208-4B	0.9
BF208-4B-24	BF208-4B-24S		1-1/2	5.81	0.81	0.27	3.56	4.69	0.41	0.53	1.69	1.55	SA208-24	SB208-24	(PF8)	
BF210-4B-50MM	BF210-4B-50SMM	50		25.4	7.6	101.60	127.0	127.0	12.7	13.5	45.4	44.7	SA210-50MM	SB210-50MM		
BF210-4B-30	BF210-4B-30S		1-7/8	6.13	1.0	0.30	4.0	5.0	0.50	0.53	1.79	1.76	SA210-30	SB210-30	BF210-4B	1.0
BF210-4B-31	BF210-4B-31S		1-15/16										SA210-31	SB210-31	(PF10)	
BF210-4B-32	BF210-4B-32S		2										SA210-32	SB210-32		

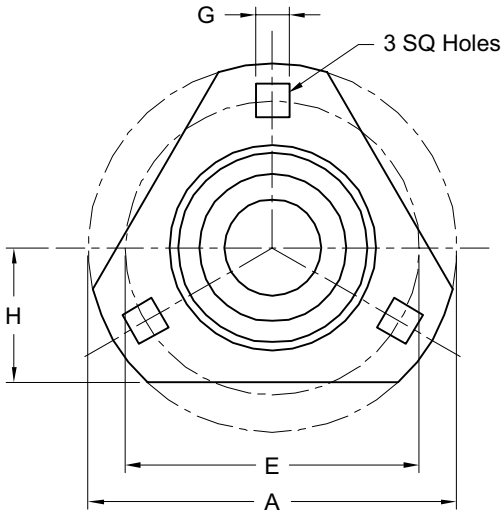
Note: Adapter Lock Bearings also available from stock.

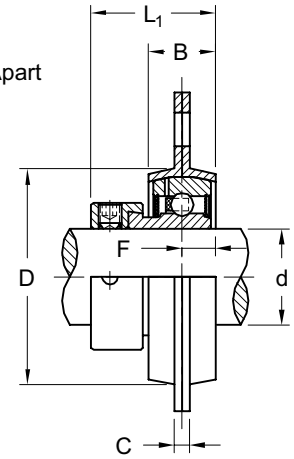
Pressed Steel 3-Bolt Flange

DBF 200 Gold Series

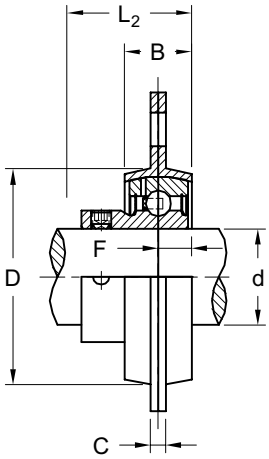
Normal Duty Bearing
Set Screw and Eccentric Lock
Metric and Inch Bores
2 pc Plated Steel Flanges







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

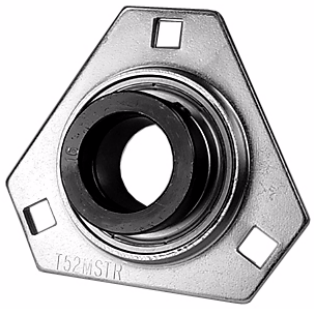
Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	H	L_1	L_2	Eccentric	Set Screw		
DBF201 x 12MM	DBF201 x 12SMM	12		81.0	14	4	48	63.5	7.0	7.0	29	29.1	23.0	SA201 x 12MM	SB201 x 12MM		
DBF202 x 15MM	DBF202 x 15SMM	15												SA202 x 15MM	SB202 x 15MM		
DBF203 x 17MM	DBF203 x 17SMM	17												SA203 x 17MM	SB203 x 17MM	DBF203(40)	0.2
DBF201 x 1/2	DBF201 x 1/2S		1/2	3.19	0.55	0.16	1.89	2.50	0.27	0.27	1.14	1.15	0.91	SA201 x 1/2	SB201 x 1/2		
DBF202 x 5/8	DBF202 x 5/8S		5/8											SA202 x 5/8	SB202 x 5/8		
DBF203 x 11/16	DBF203 x 11/16S		11/16											SA203 x 11/16	SB203 x 11/16		
DBF204 x 20MM	DBF204 x 20SMM	20		90.5	16	4	55	71.5	8.0	8.7	33.3	32.0	26.5	SA204 x 20MM	SB204 x 20MM	DBF204	0.3
DBF204 x 3/4	DBF204 x 3/4S		3/4	3.56	0.63	0.16	2.16	2.81	0.31	0.34	1.31	1.26	1.04	SA204 x 3/4	SB204 x 3/4		
DBF205 x 25MM	DBF205 x 25SMM	25		95.3	17.4	4	60	76.0	8.7	8.7	34.9	32.5	28.5	SA205 x 25MM	SB205 x 25MM		
DBF205 x 7/8	DBF205 x 7/8S		7/8	3.75	0.69	0.16	2.36	3.00	0.34	0.34	1.37	1.28	1.12	SA205 x 7/8	SB205 x 7/8	DBF205	0.4
DBF205 x 15/16	DBF205 x 15/16S		15/16											SA205 x 15/16	SB205 x 15/16		
DBF205 x 1	DBF205 x 1S		1											SA205 x 1	SB205 x 1		
DBF206 x 30MM	DBF206 x 30SMM	30		112.7	17.4	5.2	71	90.5	8.7	10.5	38.1	36.2	30.5	SA206 x 30MM	SB206 x 30MM		
DBF206 x 1-1/8	DBF206 x 1-1/8S		1-1/8	4.44	0.69	0.2	2.8	3.56	0.34	0.41	1.50	1.43	1.20	SA206 x 1-1/8	SB206 x 1-1/8	DBF206	0.6
DBF206 x 1-3/16	DBF206 x 1-3/16S		1-3/16											SA206 x 1-3/16	SB206 x 1-3/16		
DBF206 x 1-1/4	DBF206 x 1-1/4S		1-1/4											SA206 x 1-1/4	SB206 x 1-1/4		
DBF207 x 35MM	DBF207 x 35SMM	35		127	19	5.2	81	100.0	9.5	10.5	44.5	39.9	36	SA207 x 35MM	SB207 x 35MM		
DBF207 x 1-1/4	DBF207 x 1-1/4S		1-1/4	5.00	0.75	0.2	3.19	3.94	0.37	0.41	1.75	1.57	1.42	SA207 x 1-1/4	SB207 x 1-1/4	DBF207	0.7
DBF207 x 1-3/8	DBF207 x 1-3/8S		1-3/8											SA207 x 1-3/8	SB207 x 1-3/8		
DBF207 x 1-7/16	DBF207 x 1-7/16S		1-7/16											SA207 x 1-7/16	SB207 x 1-7/16		

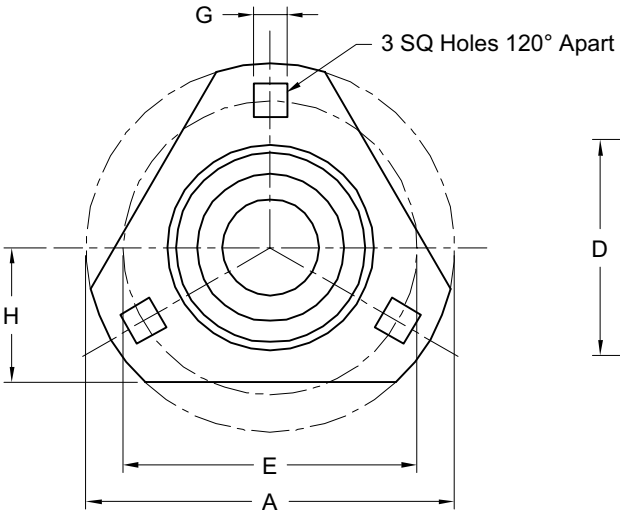
Note: Adapter Lock Bearings also available from stock.

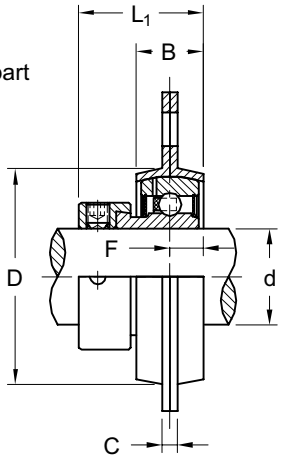
Pressed Steel 3-Bolt Flange

DBF 200 Silver Series

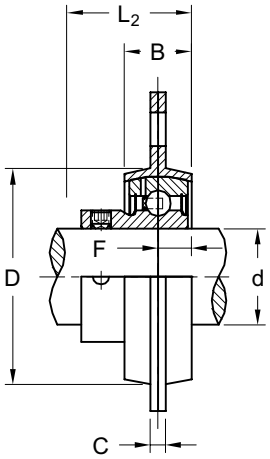
Normal Duty Bearings
Set Screw and Eccentric Lock
Metric and Inch Bores
2 pc Plated Steel Flanges







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	H	L_1	L_2	Eccentric	Set Screw		
DBF201-12MM	DBF201-12SMM	12		81.0	14	4	48	63.5	7.0	7.0	29	29.6	23.0	SA201-12MM	SB201-12MM		
DBF202-15MM	DBF202-15SMM	15												SA202-15MM	SB202-15MM		
DBF203-17MM	DBF203-17SMM	17												SA203-17MM	SB203-17MM	DBF203(40)	0.2
DBF201-8	DBF201-8S		1/2	3.19	0.55	0.16	1.89	2.50	0.27	0.27	1.14	1.17	0.91	SA201-8	SB201-8		
DBF202-10	DBF202-10S		5/8											SA202-10	SB202-10		
DBF203-11	DBF203-11S		11/16											SA203-11	SB203-11		
DBF204-20MM	DBF204-20SMM	20		90.5	16	4	55	71.5	8.0	8.7	33.3	32.5	26.5	SA204-20MM	SB204-20MM	DBF204	0.3
DBF204-12	DBF204-12S		3/4	3.56	0.63	0.16	2.16	2.81	0.31	0.34	1.31	1.28	1.04	SA204-12	SB204-12		
DBF205-25MM	DBF205-25SMM	25		95.3	17.4	4	60	76.0	8.7	8.7	34.9	32.5	28.5	SA205-25MM	SB205-25MM		
DBF205-14	DBF205-14S		7/8	3.75	0.69	0.16	2.36	3.00	0.34	0.34	1.37	1.28	1.12	SA205-14	SB205-14	DBF205	0.4
DBF205-15	DBF205-15S		15/16											SA205-15	SB205-15		
DBF205-16	DBF205-16S		1											SA205-16	SB205-16		
DBF206-30MM	DBF206-30SMM	30		112.7	17.4	5.2	71	90.5	8.7	10.5	38.1	37.2	31.5	SA206-30MM	SB206-30MM		
DBF206-18	DBF206-18S		1-1/8	4.44	0.69	0.2	2.8	3.56	0.34	0.41	1.50	1.46	1.24	SA206-18	SB206-18	DBF206	0.6
DBF206-19	DBF206-19S		1-3/16											SA206-19	SB206-19		
DBF206-20	DBF206-20S		1-1/4											SA206-20	SB206-20		
DBF207-35MM	DBF207-35SMM	35		127	19	5.2	81	100.0	9.5	10.5	44.5	40.9	34	SA207-35MM	SB207-35MM		
DBF207-20	DBF207-20S		1-1/4	5.00	0.75	0.2	3.19	3.94	0.37	0.41	1.75	1.61	1.34	SA207-20	SB207-20	DBF207	0.7
DBF207-22	DBF207-22S		1-3/8											SA207-22	SB207-22		
DBF207-23	DBF207-23S		1-7/16											SA207-23	SB207-23		

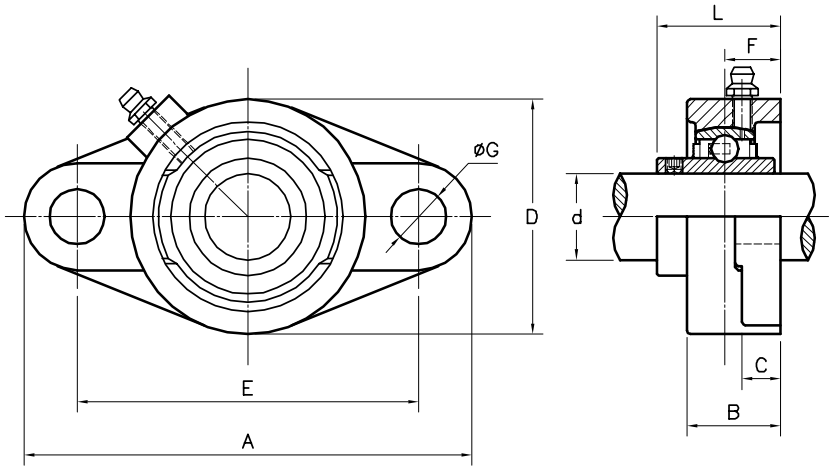
Note: Adapter Lock Bearings also available from stock.

2-Bolt Flange

UCFL 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFL204 x 20MM UCFL204 x 3/4	20	 3/4	113 4.45	25.5 1.00	11 0.43	60 2.36	90 3.54	15 0.59	12 0.47	33.3 1.31	UC204 x 20MM UC204 x 3/4	FL204	0.5
UCFL205 x 25MM UCFL205 x 7/8 UCFL205 x 15/16 UCFL205 x 1	25	 7/8 15/16 1	130 5.12	27 1.06	13 0.51	68 2.68	99 3.90	16 0.63	16 0.63	35.8 1.41	UC205 x 25MM UC205 x 7/8 UC205 x 15/16 UC205 x 1	FL205	0.7
UCFL206 x 30MM UCFL206 x 1-1/8 UCFL206 x 1-3/16 UCFL206 x 1-1/4	30	 1-1/8 1-3/16 1-1/4	148 5.83	31 1.22	13 0.51	80 3.15	117 4.61	18 0.71	16 0.63	40.2 1.58	UC206 x 30MM UC206 x 1-1/8 UC206 x 1-3/16 UC206 x 1-1/4	FL206	1.0
UCFL207 x 35MM UCFL207 x 1-1/4 UCFL207 x 1-3/8 UCFL207 x 1-7/16	35	 1-1/4 1-3/8 1-7/16	161 6.34	34 1.34	15 0.59	90 3.54	130 5.12	19 0.75	16 0.63	44.4 1.75	UC207 x 35MM UC207 x 1-1/4 UC207 x 1-3/8 UC207 x 1-7/16	FL207	1.3
UCFL208 x 40MM UCFL208 x 1-1/2	40	 1-1/2	175 6.89	36 1.42	15 0.59	100 3.94	144 5.67	21 0.83	16 0.63	51.2 2.02	UC208 x 40MM UC208 x 1-1/2	FL208	1.6
UCFL209 x 45MM UCFL209 x 1-5/8 UCFL209 x 1-11/16 UCFL209 x 1-3/4	45	 1-5/8 1-11/16 1-3/4	188 7.40	38 1.50	16 0.63	108 4.25	148 5.83	22 0.87	19 0.75	52.2 2.06	UC209 x 45MM UC209 x 1-5/8 UC209 x 1-11/16 UC209 x 1-3/4	FL209	2.0
UCFL210 x 50MM UCFL210 x 1-7/8 UCFL210 x 1-15/16 UCFL210 x 2	50	 1-7/8 1-15/16 2	197 7.76	40 1.58	16 0.63	115 4.53	157 6.18	22 0.87	19 0.75	54.6 2.15	UC210 x 50MM UC210 x 1-7/8 UC210 x 1-15/16 UC210 x 2	FL210	2.3
UCFL211 x 55MM UCFL211 x 2 UCFL211 x 2-1/8 UCFL211 x 2-3/16	55	 2 2-1/8 2-3/16	224 8.82	43 1.69	18 0.71	130 5.12	184 7.24	25 0.98	19 0.75	58.4 2.30	UC211 x 55MM UC211 x 2 UC211 x 2-1/8 UC211 x 2-3/16	FL211	3.3
UCFL212 x 60MM UCFL212 x 2-1/4 UCFL212 x 2-3/8 UCFL212 x 2-7/16	60	 2-1/4 2-3/8 2-7/16	250 9.84	48 1.89	18 0.71	140 5.51	202 7.95	29 1.14	23 0.91	68.7 2.70	UC212 x 60MM UC212 x 2-1/4 UC212 x 2-3/8 UC212 x 2-7/16	FL212	4.2
UCFL213 x 65MM UCFL213 x 2-1/2	65	 2-1/2	258 10.16	50 1.97	22 0.87	153 6.02	210 8.27	30 1.18	23 0.91	69.7 2.74	UC213 x 65MM UC213 x 2-1/2	FL213	5.18
UCFL214 x 70MM UCFL214 x 2-3/4	70	 2-3/4	265 10.43	54 2.13	22 0.87	157 6.18	216 8.5	31 1.22	23 0.91	75.4 2.97	UC214 x 70MM UC214 x 2-3/4	FL214	5.9
UCFL215 x 75MM UCFL215 x 2-15/16 UCFL215 x 3	75	 2-15/16 3	275 10.83	56 2.2	22 0.87	162 6.38	225 8.86	34 1.34	23 0.91	78.5 3.09	UC215 x 75MM UC215 x 2-15/16 UC215 x 3	FL215	6.14

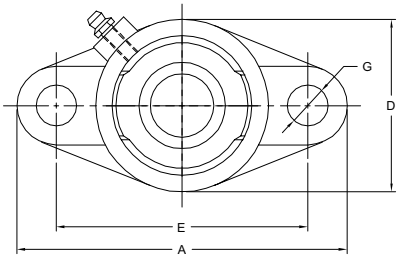
Note: Eccentric Collar SA Bearings with Narrow Inner Ring are also available from stock.

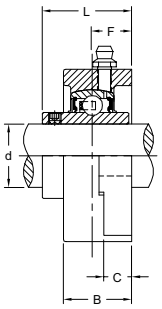
2-Bolt Flange

UCFL 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFL201-12MM UCFL202-15MM UCFL203-17MM UCFL201-8 UCFL202-10 UCFL203-11	12 15 17	 1/2 5/8 11/16	99 3.9	25.5 1.0	11 0.43	57 2.24	76.5 3.01	15 0.59	11.5 0.45	30.9 1.22	UC201-12MM UC202-15MM UC203-17MM UC201-8 UC202-10 UC203-11	FL203	0.4
UCFL204-20MM UCFL204-12	20	 3/4	113 4.45	25.5 1.00	11 0.43	60 2.36	90 3.54	15 0.59	12 0.47	33.3 1.31	UC204-20MM UC204-12	FL204	0.5
UCFL205-25MM UCFL205-14 UCFL205-15 UCFL205-16	25	 7/8 15/16 1	130 5.12	27 1.06	13 0.51	68 2.68	99 3.90	16 0.63	16 0.63	35.8 1.41	UC205-25MM UC205-14 UC205-15 UC205-16	FL205	0.7
UCFL206-30MM UCFL206-18 UCFL206-19 UCFL206-20	30	 1-1/8 1-3/16 1-1/4	148 5.83	31 1.22	13 0.51	80 3.15	117 4.61	18 0.71	16 0.63	40.2 1.58	UC206-30MM UC206-18 UC206-19 UC206-20	FL206	1.0
UCFL207-35MM UCFL207-20 UCFL207-22 UCFL207-23	35	 1-1/4 1-3/8 1-7/16	161 6.34	34 1.34	15 0.59	90 3.54	130 5.12	19 0.75	16 0.63	44.4 1.75	UC207-35MM UC207-20 UC207-22 UC207-23	FL207	1.3
UCFL208-40MM UCFL208-24	40	 1-1/2	175 6.89	36 1.42	15 0.59	100 3.94	144 5.67	21 0.83	16 0.63	51.2 2.02	UC208-40MM UC208-24	FL208	1.6
UCFL209-45MM UCFL209-26 UCFL209-27 UCFL209-28	45	 1-5/8 1-11/16 1-3/4	188 7.40	38 1.50	16 0.63	108 4.25	148 5.83	22 0.87	19 0.75	52.2 2.06	UC209-45MM UC209-26 UC209-27 UC209-28	FL209	2.0
UCFL210-50MM UCFL210-30 UCFL210-31 UCFL210-32	50	 1-7/8 1-15/16 2	197 7.76	40 1.58	16 0.63	115 4.53	157 6.18	22 0.87	19 0.75	54.6 2.15	UC210-50MM UC210-30 UC210-31 UC210-32	FL210	2.3
UCFL211-55MM UCFL211-32 UCFL211-34 UCFL211-35	55	 2 2-1/8 2-3/16	224 8.82	43 1.69	18 0.71	130 5.12	184 7.24	25 0.98	19 0.75	58.4 2.30	UC211-55MM UC211-32 UC211-34 UC211-35	FL211	3.3
UCFL212-60MM UCFL212-36 UCFL212-38 UCFL212-39	60	 2-1/4 2-3/8 2-7/16	250 9.84	48 1.89	18 0.71	140 5.51	202 7.95	29 1.14	23 0.91	68.7 2.70	UC212-60MM UC212-36 UC212-38 UC212-39	FL212	4.2
UCFL213-65MM UCFL213-40	65	 2-1/2	258 10.16	50 1.97	22 0.87	153 6.02	210 8.27	30 1.18	23 0.91	69.7 2.74	UC213-65MM UC213-40	FL213	5.18
UCFL214-70MM UCFL214-44	70	 2-3/4	265 10.43	54 2.13	22 0.87	157 6.18	216 8.5	31 1.22	23 0.91	75.4 2.97	UC214-70MM UC214-44	FL214	5.9
UCFL215-75MM UCFL215-47 UCFL215-48	75	 2-15/16 3	275 10.83	56 2.2	22 0.87	162 6.38	225 8.86	34 1.34	23 0.91	78.5 3.09	UC215-75MM UC215-47 UC215-48	FL215	6.14

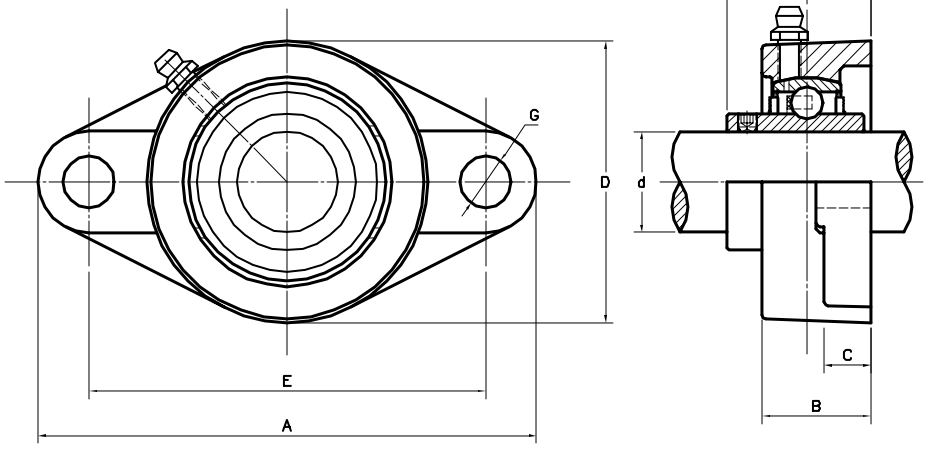
Note: Eccentric Collar SA Bearings with Narrow Inner Ring are also available from stock.

2-Bolt Flange

UCFT 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFT201 x 12MM	12		99	24.6	11	54	76.2	17.06	10.3	35.5	UC201 x 12MM		
UCFT202 x 15MM	15										UC202 x 15MM		
UCFT203 x 17MM	17										UC203 x 17MM	FT203	0.5
UCFT201 x 1/2		1/2	3.90	0.96	0.43	2.13	3.0	0.67	0.41	1.4	UC201 x 1/2		
UCFT202 x 5/8		5/8									UC202 x 5/8		
UCFT203 x 11/16		11/16									UC203 x 11/16		
UCFT204 x 20MM	20		112.0	24.6	11	60.3	89.2	14.29	10.3	32.6	UC204 x 20MM	FT204	0.6
UCFT204 x 3/4		3/4	4.41	0.97	0.44	2.38	3.51	0.56	0.4	1.28	UC204 x 3/4		
UCFT205 x 25MM	25		124.0	27	13.5	70	98.8	15.87	12.7	35.6	UC205 x 25MM		
UCFT205 x 7/8		7/8	4.87	1.06	0.53	2.75	3.89	0.63	0.5	1.4	UC205 x 7/8	FT205	0.7
UCFT205 x 15/16		15/16									UC205 x 15/16		
UCFT205 x 1		1									UC205 x 1		
UCFT206 x 30MM	30		141	30	13.5	83	116.7	17.86	12.7	40	UC206 x 30MM		
UCFT206 x 1-1/8		1-1/8	5.56	1.19	0.53	3.25	4.59	0.7	0.5	1.58	UC206 x 1-1/8	FT206	1.0
UCFT206 x 1-3/16		1-3/16									UC206 x 1-3/16		
UCFT206 x 1-1/4		1-1/4									UC206 x 1-1/4		
UCFT207 x 35MM	35		155	34	14.3	95	130	19.05	14	44.5	UC207 x 35MM		
UCFT207 x 1-1/4		1-1/4	6.13	1.34	0.56	3.75	5.12	0.75	0.55	1.75	UC207 x 1-1/4	FT207	1.4
UCFT207 x 1-3/8		1-3/8									UC207 x 1-3/8		
UCFT207 x 1-7/16		1-7/16									UC207 x 1-7/16		
UCFT208 x 40MM	40		171	38	14.3	105	143.7	21.03	14	51.2	UC208 x 40MM	FT208	1.8
UCFT208 x 1-1/2		1-1/2	6.75	1.5	0.56	4.13	5.65	0.83	0.55	2.02	UC208 x 1-1/2		
UCFT209 x 45MM	45		179	40	14.3	111	148.4	21.83	16	52	UC209 x 45MM		
UCFT209 x 1-5/8		1-5/8	7.06	1.56	0.56	4.38	5.84	0.86	0.63	2.05	UC209 x 1-5/8	FT209	2.0
UCFT209 x 1-11/16		1-11/16									UC209 x 1-11/16		
UCFT209 x 1-3/4		1-3/4									UC209 x 1-3/4		
UCFT210 x 50MM	50		189	40	14.3	116	157	22.22	16	54.8	UC210 x 50MM		
UCFT210 x 1-7/8		1-7/8	7.4	1.56	0.56	4.56	6.19	0.88	0.63	2.16	UC210 x 1-7/8	FT210	2.1
UCFT210 x 1-15/16		1-15/16									UC210 x 1-15/16		
UCFT210 x 2		2									UC210 x 2		
UCFT211 x 55MM	55		216	44	20.6	133	184	25.4	18	58.8	UC211 x 55MM		
UCFT211 x 2		2	8.5	1.75	0.81	5.25	7.25	1	0.7	2.31	UC211 x 2	FT211	3.2
UCFT211 x 2-1/8		2-1/8									UC211 x 2-1/8		
UCFT211 x 2-3/16		2-3/16									UC211 x 2-3/16		

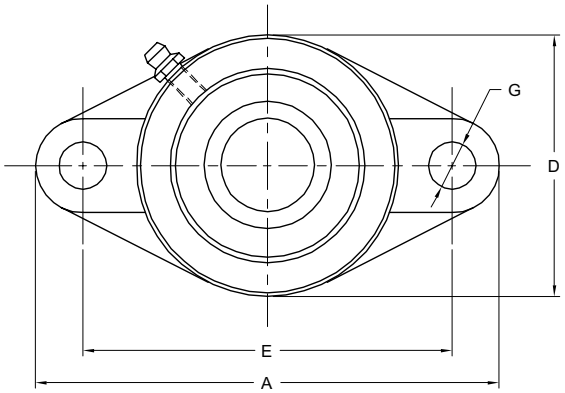
Note: Eccentric Collar SA Bearings with Narrow Inner Ring are also available from stock.

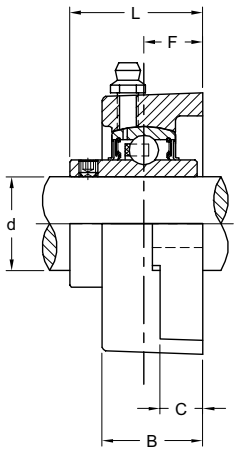
2-Bolt Flange

UCFT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFT201-12MM	12		99	24.6	11	54	76.2	17.06	10.3	35.5	UC201-12MM		
UCFT202-15MM	15										UC202-15MM		
UCFT203-17MM	17										UC203-17MM		
UCFT201-8		1/2	3.90	0.96	0.43	2.13	3.0	0.67	0.41	1.4	UC201-8	FT203	0.5
UCFT202-10		5/8									UC202-10		
UCFT203-11		11/16									UC203-11		
UCFT204-20MM	20		112.0	24.6	11	60.3	89.2	14.29	10.3	32.6	UC204-20MM	FT204	0.6
UCFT204-12		3/4	4.41	0.97	0.44	2.38	3.51	0.56	0.4	1.28	UC204-12		
UCFT205-25MM	25		124.0	27	13.5	70	98.8	15.87	12.7	35.6	UC205-25MM		
UCFT205-14		7/8	4.87	1.06	0.53	2.75	3.89	0.63	0.5	1.4	UC205-14	FT205	0.7
UCFT205-15		15/16									UC205-15		
UCFT205-16		1									UC205-16		
UCFT206-30MM	30		141	30	13.5	83	116.7	17.86	12.7	40	UC206-30MM		
UCFT206-18		1-1/8	5.56	1.19	0.53	3.25	4.59	0.7	0.5	1.58	UC206-18	FT206	1.0
UCFT206-19		1-3/16									UC206-19		
UCFT206-20		1-1/4									UC206-20		
UCFT207-35MM	35		155	34	14.3	95	130	19.05	14	44.5	UC207-35MM		
UCFT207-20		1-1/4	6.13	1.34	0.56	3.75	5.12	0.75	0.55	1.75	UC207-20	FT207	1.4
UCFT207-22		1-3/8									UC207-22		
UCFT207-23		1-7/16									UC207-23		
UCFT208-40MM	40		171	38	14.3	105	143.7	21.03	14	51.2	UC208-40MM	FT208	1.8
UCFT208-24		1-1/2	6.75	1.5	0.56	4.13	5.65	0.83	0.55	2.02	UC208-24		
UCFT209-45MM	45		179	40	14.3	111	148.4	21.83	16	52	UC209-45MM		
UCFT209-26		1-5/8	7.06	1.56	0.56	4.38	5.84	0.86	0.63	2.05	UC209-26	FT209	2.0
UCFT209-27		1-11/16									UC209-27		
UCFT209-28		1-3/4									UC209-28		
UCFT210-50MM	50		189	40	14.3	116	157	22.22	16	54.8	UC210-50MM		
UCFT210-30		1-7/8	7.4	1.56	0.56	4.56	6.19	0.88	0.63	2.16	UC210-30	FT210	2.1
UCFT210-31		1-15/16									UC210-31		
UCFT210-32		2									UC210-32		
UCFT211-55MM	55		216	44	20.6	133	184	25.4	18	58.8	UC211-55MM		
UCFT211-32		2	8.5	1.75	0.81	5.25	7.25	1	0.7	2.31	UC211-32	FT211	3.2
UCFT211-34		2-1/8									UC211-34		
UCFT211-35		2-3/16									UC211-35		

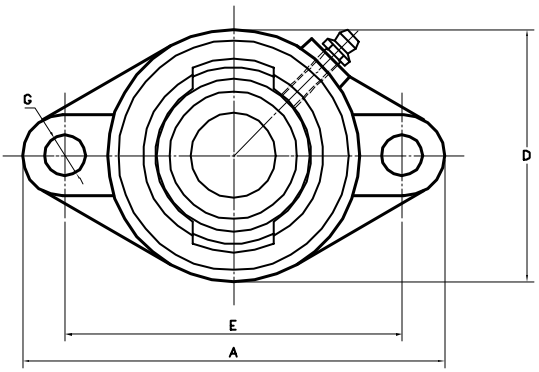
Note: Eccentric Collar SA Bearings with Narrow Inner Ring are also available from stock.

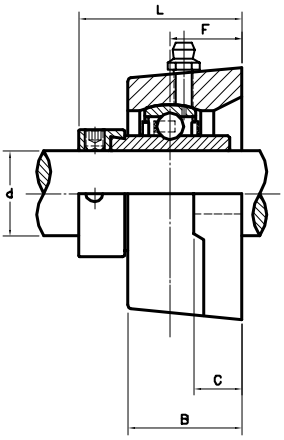
2-Bolt Flange

OWF 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
OWF204 x 20AMM	20		112	34	13.5	63	90.0	21.5	11.5	48.1	HC204 x 20MM	OWF204	0.7
OWF204 x 3/4A		3/4	4.41	1.34	0.53	2.48	3.54	0.85	0.45	1.89	HC204 x 3/4		
OWF205 x 25AMM	25		124	33.3	14	74	99.0	21	11.5	47.9	HC205 x 25MM	OWF205	1.0
OWF205 x 7/8A		7/8	4.88	1.31	0.55	2.91	3.90	0.83	0.45	1.89	HC205 x 7/8		
OWF205 x 15/16A		15/16									HC205 x 15/16		
OWF205 x 1A		1									HC205 x 1		
OWF206 x 30AMM	30		141.5	35.0	13	80.0	116.5	21.8	11.5	51.9	HC206 x 30MM	OWF206	1.2
OWF206 x 1-1/8A		1-1/8	5.57	1.38	0.51	3.15	4.58	0.86	0.45	2.04	HC206 x 1-1/8		
OWF206 x 1-3/16A		1- 3/16									HC206 x 1-3/16		
OWF206 x 1-1/4A		1-1/4									HC206 x 1-1/4		
OWF207 x 35AMM	35		155.5	37.3	14	92.0	130.0	21.5	14	53.8	HC207 x 35MM	OWF207	1.7
OWF207 x 1-1/4A		1-1/4	6.12	1.47	0.55	3.62	5.12	0.85	0.55	2.12	HC207 x 1-1/4		
OWF207 x 1-3/8A		1-3/8									HC207 x 1-3/8		
OWF207 x 1-7/16A		1-7/16									HC207 x 1-7/16		
OWF208 x 40AMM	40		171.5	43.0	14	105.0	143.5	23.8	14	58.7	HC208 x 40MM	OWF208	2.0
OWF208 x 1-1/2A		1-1/2	6.75	1.69	0.55	4.13	5.64	0.94	0.55	2.31	HC208 x 1-1/2		
OWF209 x 45AMM	45		179.5	43.0	13	105.0	148.5	26	44	60.9	HC209 x 45MM	OWF209	2.5
OWF209 x 1-5/8A		1-5/8	7.07	1.69	0.51	4.13	5.85	1.02	0.55	2.4	HC209 x 1-5/8		
OWF209 x 1-11/16A		1-11/16									HC209 x 1-11/16		
OWF209 x 1-3/4A		1-3/4									HC209 x 1-3/4		
OWF210 x 50AMM	50		196	47.5	13.5	117	157.0	28.6	18	66.7	HC210 x 50MM	OWF210	3.1
OWF210 x 1-7/8A		1-7/8	7.72	1.87	0.53	4.61	6.18	1.13	0.71	2.62	HC210 x 1-7/8		
OWF210 x 1-15/16A		1-15/16									HC210 x 1-15/16		
OWF210 x 2A		2									HC210 x 2		
OWF211 x 55AMM	55		224	43.0	18	130.0	184.0	25	18	68.6	HC211 x 55MM	OWF211	3.3
OWF211 x 2A		2	8.82	1.69	0.71	5.12	7.24	0.98	0.71	2.70	HC211 x 2		
OWF211 x 2-1/8A		2-1/8									HC211 x 2-1/8		
OWF211 x 2-3/16A		2-3/16									HC211 x 2-3/16		
OWF212 x 60AMM	60		238	54.0	16	140.0	202.0	35	18	81.8	HC212 x 60MM	OWF212	3.5
OWF212 x 2-1/4A		2-1/4	9.37	2.13	0.63	5.51	7.95	1.38	0.71	3.22	HC212 x 2-1/4		
OWF212 x 2-3/8A		2-3/8									HC212 x 2-3/8		
OWF212 x 2-7/16A		2-7/16									HC212 x 2-7/16		

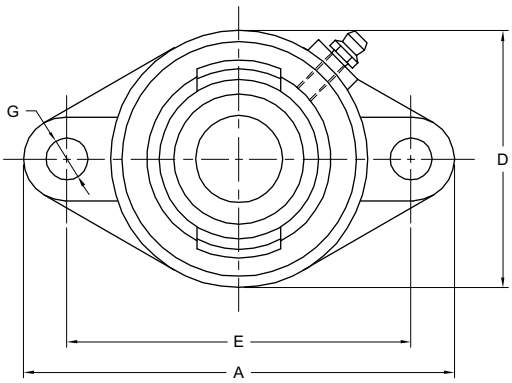
Note: Set Screw and Adapter Lock Bearings also available from stock.

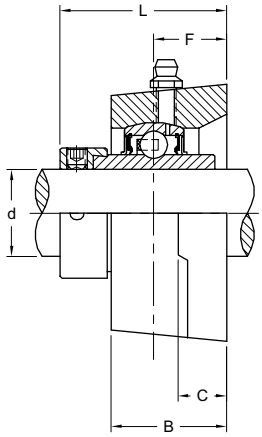
2-Bolt Flange

OWF 200 Silver Series

Normal Duty Bearings
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
OWF204-20AMM	20		112	34	13.5	63	90.0	21.5	11.5	48.1	HC204-20MM	OWF204	0.7
OWF204-12A		3/4	4.41	1.34	0.53	2.48	3.54	0.85	0.45	1.89	HC204-12		
OWF205-25AMM	25		124	33.3	14	74	99.0	21	11.5	47.9	HC205-25MM	OWF205	1.0
OWF205-14A		7/8	4.88	1.31	0.55	2.91	3.90	0.83	0.45	1.89	HC205-14		
OWF205-15A		15/16									HC205-15		
OWF205-16A		1									HC205-16		
OWF206-30AMM	30		141.5	35.0	13	80.0	116.5	21.8	11.5	51.9	HC206-30MM	OWF206	1.2
OWF206-18A		1-1/8	5.57	1.38	0.51	3.15	4.58	0.86	0.45	2.04	HC206-18		
OWF206-19A		1- 3/16									HC206-19		
OWF206-20A		1-1/4									HC206-20		
OWF207-35AMM	35		155.5	37.3	14	92.0	130.0	21.5	14	53.8	HC207-35MM	OWF207	1.7
OWF207-20A		1-1/4	6.12	1.47	0.55	3.62	5.12	0.85	0.55	2.12	HC207-20		
OWF207-22A		1-3/8									HC207-22		
OWF207-23A		1-7/16									HC207-23		
OWF208-40AMM	40		171.5	43.0	14	105.0	143.5	23.8	14	58.7	HC208-40MM	OWF208	2.0
OWF208-24A		1-1/2	6.75	1.69	0.55	4.13	5.64	0.94	0.55	2.31	HC208-24		
OWF209-45AMM	45		179.5	43.0	13	105.0	148.5	26	14	60.9	HC209-45MM	OWF209	2.5
OWF209-26A		1-5/8	7.07	1.69	0.51	4.13	5.85	1.02	0.55	2.4	HC209-26		
OWF209-27A		1-11/16									HC209-27		
OWF209-28A		1-3/4									HC209-28		
OWF210-50AMM	50		196	47.5	13.5	117	157.0	28.6	18	66.7	HC210-50MM	OWF210	3.1
OWF210-30A		1-7/8	7.72	1.87	0.53	4.61	6.18	1.13	0.71	2.62	HC210-30		
OWF210-31A		1-15/16									HC210-31		
OWF210-32A		2									HC210-32		
OWF211-55AMM	55		224	43.0	18	130.0	184.0	25	18	68.6	HC211-55MM	OWF211	3.3
OWF211-32A		2	8.82	1.69	0.71	5.12	7.24	0.98	0.71	2.70	HC211-32		
OWF211-34A		2-1/8									HC211-34		
OWF211-35A		2-3/16									HC211-35		
OWF212-60AMM	60		238	54.0	16	140.0	202.0	35	18	81.8	HC212-60MM	OWF212	3.5
OWF212-36A		2-1/4	9.37	2.13	0.63	5.51	7.95	1.38	0.71	3.22	HC212-36		
OWF212-38A		2-3/8									HC212-38		
OWF212-39A		2-7/16									HC212-39		

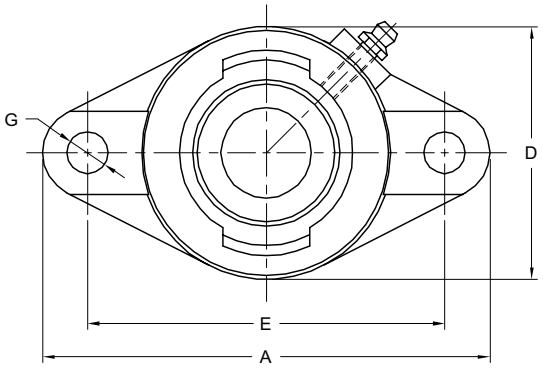
Note: Set Screw and Adapter Lock Bearings also available from stock.

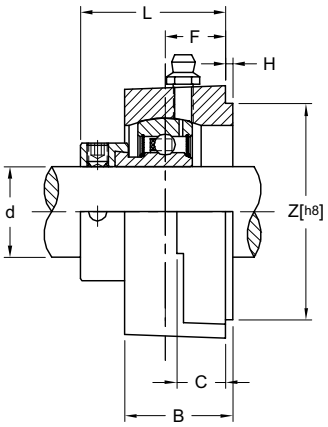
2 Bolt Piloted Flange

OWFZ 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	Z(h8)			
OWFZ204 x 20MM	20		112.0	33	9	61.5	90.0	17.1	11.5	2.8	43.9	55	SA204 x 20MM	OWFZ204	0.7
OWFZ204 x 3/4		3/4	4.41	1.30	0.35	2.42	3.54	0.67	0.45	0.11	1.73	2.17	SA204 x 3/4		
OWFZ205 x 25MM	25		124.0	30.0	13	70.0	99.0	16.7	11.5	2	42.2	60	SA205 x 25MM	OWFZ205	1.0
OWFZ205 x 7/8		7/8	4.88	1.18	0.51	2.76	3.9	0.66	0.45	0.08	1.66	2.36	SA205 x 7/8		
OWFZ205 x 15/16		15/16											SA205 x 15/16		
OWFZ205 x 1		1											SA205 x 1		
OWFZ206 x 30MM	30		141.5	35.0	10.0	83	117.0	19.8	11.5	2	50.5	80	SA206 x 30MM	OWFZ206	1.2
OWFZ206 x 1-1/8		1-1/8	5.57	1.38	0.39	3.27	4.61	0.78	0.45	0.08	1.99	3.15	SA206 x 1-1/8		
OWFZ206 x 1-3/16		1-3/16											SA206 x 1-3/16		
OWFZ206 x 1-1/4		1-1/4											SA206 x 1-1/4		
OWFZ207 x 35MM	35		155.5	37.3	12	93	130.0	18.6	13.5	3	52.2	90	SA207 x 35MM	OWFZ207	1.6
OWFZ207 x 1-1/4		1-1/4	6.12	1.47	0.47	3.60	5.12	0.73	0.53	0.12	2.05	3.54	SA207 x 1-1/4		
OWFZ207 x 1-3/8		1-3/8											SA207 x 1-3/8		
OWFZ207 x 1-7/16		1-7/16											SA207 x 1-7/16		
OWFZ208 x 40MM	40		171.5	43.0	10.0	105.0	144.0	20.8	13.5	3	58.5	100	SA208 x 40MM	OWFZ208	1.9
OWFZ208 x 1-1/2		1-1/2	6.75	1.69	0.39	4.13	5.67	0.82	0.53	0.12	2.30	3.94	SA208 x 1-1/2		
OWFZ209 x 45MM	45		179.5	45.0	12.0	111.0	148.5	20.8	13.5	3	58.0	105	SA209 x 45MM	OWFZ209	2.3
OWFZ209 x 1-5/8		1-5/8	7.07	1.77	0.47	4.37	5.87	0.82	0.53	0.12	2.28	4.13	SA209 x 1-5/8		
OWFZ209 x 1-11/16		1-11/16											SA209 x 1-11/16		
OWFZ209 x 1-3/4		1-3/4											SA209 x 1-3/4		
OWFZ210 x 50MM	50		195	47.5	11	118	157.0	28.7	13.5	3	62.4	105	SA210 x 50MM	OWFZ210	2.8
OWFZ210 x 1-7/8		1-7/8	7.68	1.87	0.43	4.65	6.18	1.13	0.53	0.12	2.46	4.13	SA210 x 1-7/8		
OWFZ210 x 1-15/16		1-15/16											SA210 x 1-15/16		
OWFZ210 x 2		2											SA210 x 2		
OWFZ212 x 60MM	60		238.0	54.0	16.0	140.0	202.0	32.0	17.5	3	77.1	130	SA212 x 60MM	OWFZ212	3.1
OWFZ212 x 2-1/4		2-1/4	9.37	2.13	0.63	5.51	7.95	1.26	0.69	0.12	3.04	5.12	SA212 x 2-1/4		
OWFZ212 x 2-3/8		2-3/8											SA212 x 2-3/8		
OWFZ212 x 2-7/16		2-7/16											SA212 x 2-7/16		

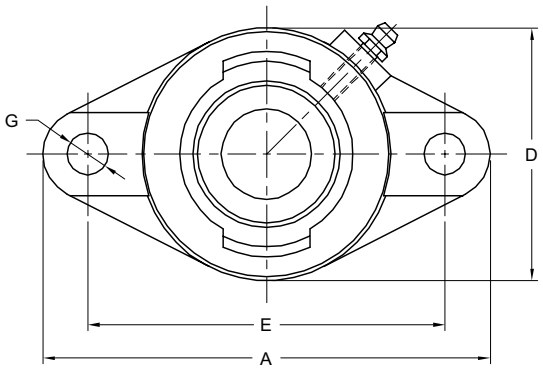
Note: Set Screw and Adapter Lock Bearings also available from stock.

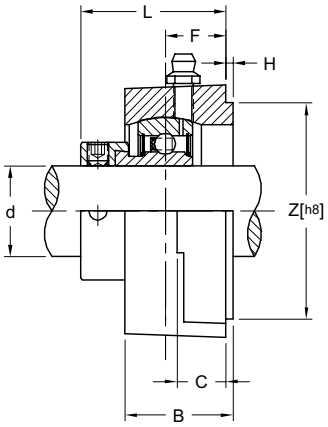
2 Bolt Piloted Flange

OWFZ 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L	Z(h8)			
OWFZ204-20MM	20		112.0	33	9	61.5	90.0	17.1	11.5	2.8	43.9	55	SA204-20MM	OWFZ204	0.7
OWFZ204-12		3/4	4.41	1.30	0.35	2.42	3.54	0.67	0.45	0.11	1.73	2.17	SA204-12		
OWFZ205-25MM	25		124.0	30.0	13.5	70.0	99.0	16.7	11.5	2	42.4	60	SA205-25MM	OWFZ205	1.0
OWFZ205-14		7/8	4.88	1.18	0.51	2.76	3.9	0.66	0.45	0.08	1.66	2.36	SA205-14		
OWFZ205-15		15/16											SA205-15		
OWFZ205-16		1											SA205-16		
OWFZ206-30MM	30		141.5	35.0	10.0	83	117.0	19.8	11.5	2	50.5	80	SA206-30MM	OWFZ206	1.2
OWFZ206-18		1-1/8	5.57	1.38	0.39	3.27	4.61	0.78	0.45	0.08	1.99	3.15	SA206-18		
OWFZ206-19		1-3/16											SA206-19		
OWFZ206-20		1-1/4											SA206-20		
OWFZ207-35MM	35		155.5	37.3	12	93	130.0	18.6	13.5	3	52.0	90	SA207-35MM	OWFZ207	1.6
OWFZ207-20		1-1/4	6.12	1.47	0.47	3.60	5.12	0.73	0.53	0.12	2.05	3.54	SA207-20		
OWFZ207-22		1-3/8											SA207-22		
OWFZ207-23		1-7/16											SA207-23		
OWFZ208-40MM	40		171.5	43.0	10.0	105.0	144.0	20.8	13.5	3	58.5	100	SA208-40MM	OWFZ208	1.9
OWFZ208-24		1-1/2	6.75	1.69	0.39	4.13	5.67	0.82	0.53	0.12	2.30	3.94	SA208-24		
OWFZ209-45MM	45		179.5	45.0	12.0	111.0	148.5	20.8	13.5	3	58.0	105	SA 209-45MM	OWFZ209	2.3
OWFZ209-26		1-5/8	7.07	1.77	0.47	4.37	5.87	0.82	0.53	0.12	2.28	4.13	SA209-26		
OWFZ209-27		1-11/16											SA209-27		
OWFZ209-28		1-3/4											SA209-28		
OWFZ210-50MM	50		195	47.5	11	118	157.0	28.7	13.5	3	62.4	105	SA 210-50MM	OWFZ210	2.8
OWFZ210-30		1-7/8	7.68	1.87	0.43	4.65	6.18	1.31	0.53	0.12	2.46	4.13	SA210-30		
OWFZ210-31		1-15/16											SA210-31		
OWFZ210-32		2											SA210-32		
OWFZ212-60MM	60		238.0	54.0	16.0	140.0	202.0	32.0	17.5	3	77.1	130	SA212-60MM	OWFZ212	3.1
OWFZ212-36		2-1/4	9.37	2.13	0.63	5.51	7.95	1.26	0.69	0.12	3.04	5.12	SA212-36		
OWFZ212-38		2-3/8											SA212-38		
OWFZ212-39		2-7/16											SA212-39		

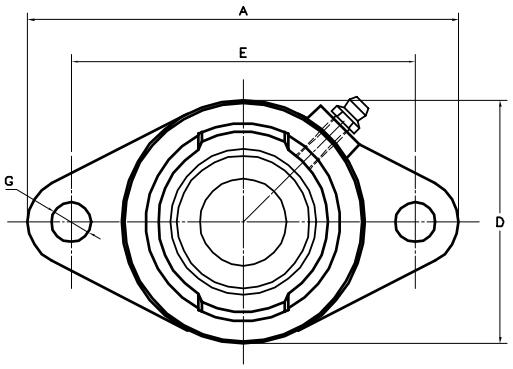
Note: Set Screw and Adapter Lock Bearings also available from stock.

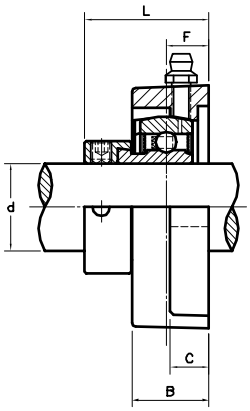
2-Bolt Flange

OWFS 200 Gold Series

Normal Duty Bearing
Narrow Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
OWFS204 x 20MM	20		112.0	20	9.5	61	90.0	11	11.5	34.5	SA204 x 20MM	OWFS204	0.5
OWFS204 x 3/4		3/4	4.41	0.79	0.37	2.46	3.54	0.43	0.45	1.38	SA204 x 3/4		
OWFS205 x 25MM	25		124.0	22	11	70	99	12.2	11.5	35.7	SA205 x 25MM	OWFS205	0.7
OWFS205 x 7/8		7/8	4.88	0.87	0.43	2.76	3.9	0.48	0.45	1.41	SA205 x 7/8		
OWFS205 x 15/16		15/16									SA205 x 15/16		
OWFS205 x 1		1									SA205 x 1		
OWFS206 x 30MM	30		141.5	25.5	12.5	78.5	117.0	13.3	11.5	40.1	SA206 x 30MM	OWFS206	1.0
OWFS206 x 1-1/8		1-1/8	5.57	1.0	0.49	3.09	4.61	0.52	0.45	1.57	SA206 x 1-1/8		
OWFS206 x 1-3/16		1-3/16									SA206 x 1-3/16		
OWFS206 x 1-1/4		1-1/4									SA206 x 1-1/4		
OWFS207 x 35MM	35		155.0	27	13	93	130	15.3	13.5	44.7	SA207 x 35MM	OWFS207	1.2
OWFS207 x 1-1/4		1-1/4	6.1	1.06	0.51	3.66	5.12	0.60	0.53	1.76	SA207 x 1-1/14		
OWFS207 x 1-3/8		1-3/8									SA207 x 1-3/8		
OWFS207 x 1-7/16		1-7/16									SA207 x 1-7/16		
OWFS208 x 40MM	40		171.5	31	13.0	105	144	16.7	13.5	49.3	SA208 x 40MM	OWFS208	1.4
OWFS208 x 1-1/2		1-1/2	3.75	1.22	0.51	4.13	5.67	0.66	0.53	1.94	SA208 x 1-1/2		
OWFS209 x 45MM	45		190	38	14.5	112	148.5	24	13.5	56.7	SA209 x 45MM	OWFS209	1.8
OWFS209 x 1-5/8		1-5/8	7.48	1.50	0.57	4.41	5.85	0.94	0.53	2.23	SA209 x 1-5/8		
OWFS209 x 1-11/16		1-11/16									SA209 x 1-11/16		
OWFS209 x 1-3/4		1-3/4									SA209 x 1-3/4		
OWFS210 x 50MM	50		198	33	16	119	157.0	19.3	13.5	52.0	SA210 x 50MM	OWFS210	2.1
OWFS210 x 1-7/8		1-7/8	7.80	1.3	0.63	4.69	6.18	0.76	0.53	2.05	SA210 x 1-7/8		
OWFS210 x 1-15/16		1-15/16									SA210 x 1-15/16		
OWFS210 x 2		2									SA210 x 2		

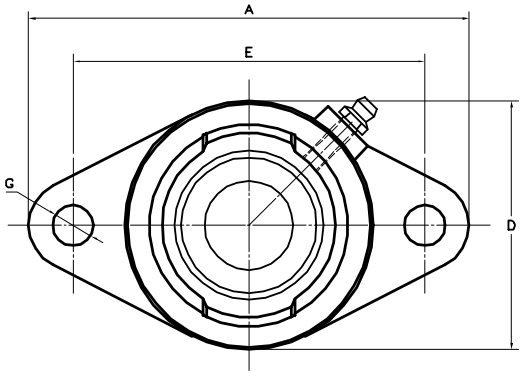
Note: Bearings with Set Screw locking are also available from stock.

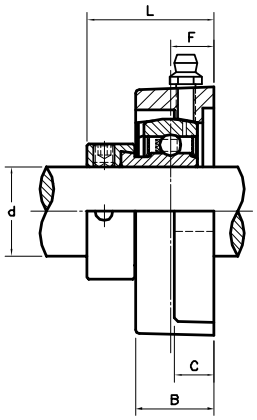
2-Bolt Flange

OWFS 200 Silver Series

Normal Duty Bearing
Narrow Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
OWFS204-20MM	20		112.0	20	9.5	62.5	90	11	11.5	35	SA204-20MM	OWFS204	0.5
OWFS204-12		3/4	4.41	0.79	0.37	2.46	3.54	0.43	0.45	1.38	SA204-12		
OWFS205-25MM	25		124.0	22	11	70	99	12.2	11.5	35.7	SA205-25MM		
OWFS205-14		7/8	4.88	0.87	0.43	2.76	3.9	0.48	0.45	1.41	SA205-14	OWFS205	0.7
OWFS205-15		15/16									SA205-15		
OWFS205-16		1									SA205-16		
OWFS206-30MM	30		141.5	25.5	12.5	78.5	117.0	13.3	11.5	41.0	SA206-30MM		
OWFS206-18		1-1/8	5.57	1.0	0.49	3.09	4.61	0.52	0.45	1.61	SA206-18	OWFS206	1.0
OWFS206-19		1-3/16									SA206-19		
OWFS206-20		1-1/4									SA206-20		
OWFS207-35MM	35		155.0	27	13	93	130	15.3	13.5	45.7	SA207-35MM		
OWFS207-20		1-1/4	6.1	1.06	0.51	3.66	5.12	0.60	0.53	1.80	SA207-20	OWFS207	1.2
OWFS207-22		1-3/8									SA207-22		
OWFS207-23		1-7/16									SA207-23		
OWFS208-40MM	40		171.5	31	13.0	105	144	16.7	13.5	51.3	SA208-40MM	OWFS208	1.4
OWFS208-24		1-1/2	3.75	1.22	0.51	4.13	5.67	0.66	0.53	2.02	SA208-24		
OWFS209-45MM	45		190	38	14.5	112	148.5	24	13.5	58.2	SA209-45MM		
OWFS209-26		1-5/8	7.48	1.50	0.57	4.41	5.85	0.94	0.53	2.29	SA209-26	OWFS209	1.8
OWFS209-27		1-11/16									SA209-27		
OWFS209-28		1-3/4									SA209-28		
OWFS210-50MM	50		198	33	16	119	157.0	19.3	13.5	53.0	SA210-50MM		
OWFS210-30		1-7/8	7.80	1.3	0.63	4.69	6.18	0.76	0.53	2.09	SA210-30	OWFS210	2.1
OWFS210-31		1-15/16									SA210-31		
OWFS210-32		2									SA210-32		

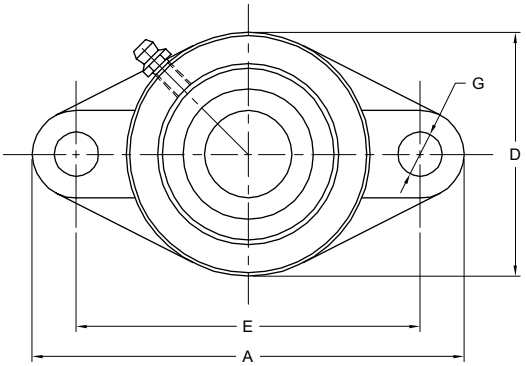
Note: Bearings with Set Screw locking are also available from stock.

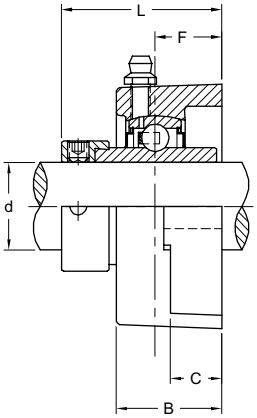
2-Bolt Flange

HCFJT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
HCFJT201-12MM	12		99	28	11	60.3	76.2	19.05	10.7	42.45	HC201-12MM		
HCFJT202-15MM	15										HC202-15MM		
HCFJT203-17MM	17										HC203-17MM	FJT203	0.4
HCFJT201-8		1/2	3.9	1.10	0.43	2.37	3.00	0.75	0.42	1.67	HC201-8		
HCFJT202-10		5/8									HC202-10		
HCFJT203-11		11/16									HC203-11		
HCFJT204-20MM	20		112	29	14.5	60.3	89.7	19.05	10.7	45.65	HC204-20MM	FJT204	0.5
HCFJT204-12		3/4	4.41	1.14	0.57	2.37	3.53	0.75	0.42	1.80	HC204-12		
HCFJT205-25MM	25		124	31	15.5	70	98.8	19.05	11.5	45.95	HC205-25MM		
HCFJT205-14		7/8	4.88	1.22	0.61	2.75	3.90	0.75	0.45	1.81	HC205-14	FJT205	0.7
HCFJT205-15		15/16									HC205-15		
HCFJT205-16		1									HC205-16		
HCFJT206-30MM	30		141	34	16.5	83	116.7	20.64	11.5	50.74	HC206-30MM		
HCFJT206-18		1-1/8	5.55	1.34	0.65	3.27	4.59	0.81	0.45	2.00	HC206-18	FJT206	1.0
HCFJT206-19		1-3/16									HC206-19		
HCFJT206-20		1-1/4									HC206-20		
HCFJT207-35MM	35		156	36	16.5	95	130.2	21.62	13.1	53.92	HC207-35MM		
HCFJT207-20		1-1/4	6.14	1.42	0.65	3.74	5.125	0.85	0.52	2.11	HC207-20	FJT207	1.3
HCFJT207-22		1-3/8									HC207-22		
HCFJT207-23		1-7/16									HC207-23		
HCFJT208-40MM	40		171	37	16.5	105	143.7	23.81	13.1	58.71	HC208-40MM	FJT208	1.6
HCFJT208-24		1-1/2	6.73	1.46	0.65	4.13	5.66	0.94	0.52	2.31	HC208-24		
HCFJT209-45MM	45		179	40	16.5	111	148.4	23.81	13.1	58.71	HC209-45MM		
HCFJT209-26		1-5/8	7.05	1.57	0.65	4.37	5.84	0.94	0.52	2.31	HC209-26	FJT209	2.0
HCFJT209-27		1-11/16									HC209-27		
HCFJT209-28		1-3/4									HC209-28		
HCFJT210-50MM	50		189	45	20.4	116	157.2	23.81	17.1	66.68	HC210-50MM		
HCFJT210-30		1-7/8	7.44	1.77	0.80	4.56	6.19	0.94	0.67	2.63	HC210-30	FJT210	2.3
HCFJT210-31		1-15/16									HC210-31		
HCFJT210-32		2									HC210-32		
HCFJT211-55MM	55		216	48	20.4	133	184.1	28.58	17.1	75.35	HC211-55MM		
HCFJT211-32		2	8.50	1.89	0.80	5.24	7.25	1.13	0.67	2.97	HC211-32	FJT211	3.3
HCFJT211-34		2-1/8									HC211-34		
HCFJT211-35		2-3/16									HC211-35		

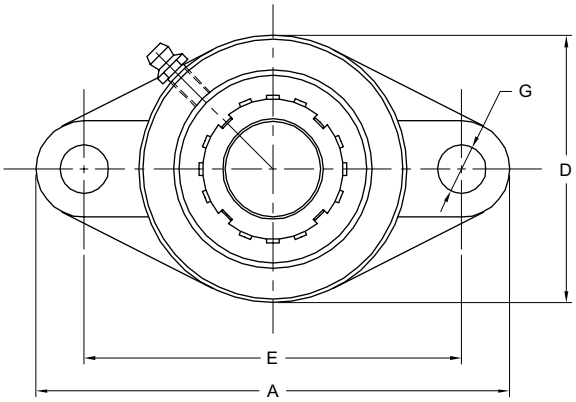
Note: Set Screw and Narrow Ring Eccentric Lock Inserts also available

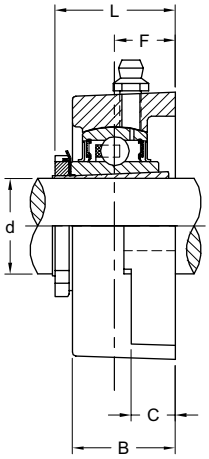
2-Bolt Flange

GSHFJT 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores







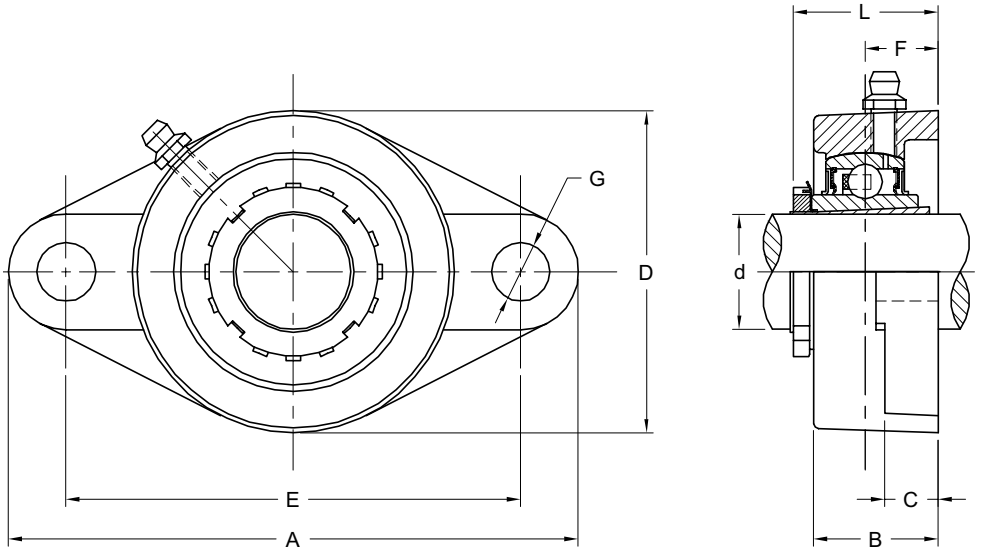
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L				
GSHFJT204-20MM	20		112	29	14.5	60.3	89.7	19.05	10.7	37.9	GSH204	H204GSH-20MM	FJT204	0.5
GSHFJT204-12		3/4	4.41	1.14	.57	2.37	3.53	0.75	0.42	1.49		H204GSH-12		
GSHFJT205-25MM	25		124	31	15.5	70	98.8	19.05	11.5	36.1		H205GSH-25MM		
GSHFJT205-15		15/16	4.88	1.22	0.61	2.75	3.90	0.75	0.45	1.42	GSH205	H205GSH-15	FJT205	0.7
GSHFJT205-16		1										H205GSH-16		
GSHFJT206-30MM	30		141	34	16.5	83	116.7	20.64	11.5	43.3	GSH206	H206GSH-30MM	FJT206	1.0
GSHFJT206-19		1-3/16	5.55	1.34	0.65	3.27	4.59	0.81	0.45	1.71		H206GSH-19		
GSHFJT207-35MM	35		156	36	16.5	95	130.2	21.62	13.1	46.2		H207GSH-35MM		
GSHFJT207-20		1-1/4	6.14	1.42	0.65	3.74	5.125	0.85	0.52	1.82	GSH207	H207GSH-20	FJT207	1.3
GSHFJT207-22		1-3/8										H207GSH-22		
GSHFJT208-40MM	40		171	37	16.5	105	143.7	23.81	13.1	51.7	GSH208	H208GSH-40MM	FJT208	1.6
GSHFJT208-24		1-1/2	6.73	1.46	0.65	4.13	5.66	0.94	0.52	2.03		H208GSH-24		
GSHFJT209-45MM	45		179	40	16.5	111	148.4	23.81	17.1	51.4	GSH209	H209GSH-45MM	FJT209	2.0
GSHFJT209-28		1-3/4	7.05	1.57	0.65	4.37	5.84	0.94	0.67	2.02		H209GSH-28		
GSHFJT210-50MM	50		189	45	20.4	116	157.2	23.81	17.1	50.2		H210GSH-50MM		
GSHFJT210-31		1-15/16	7.44	1.77	0.80	4.56	6.19	0.94	0.67	1.98	GSH210	H210GSH-31	FJT210	2.3
GSHFJT210-32		2										H210GSH-32		

2-Bolt Flange

GSHFT 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores





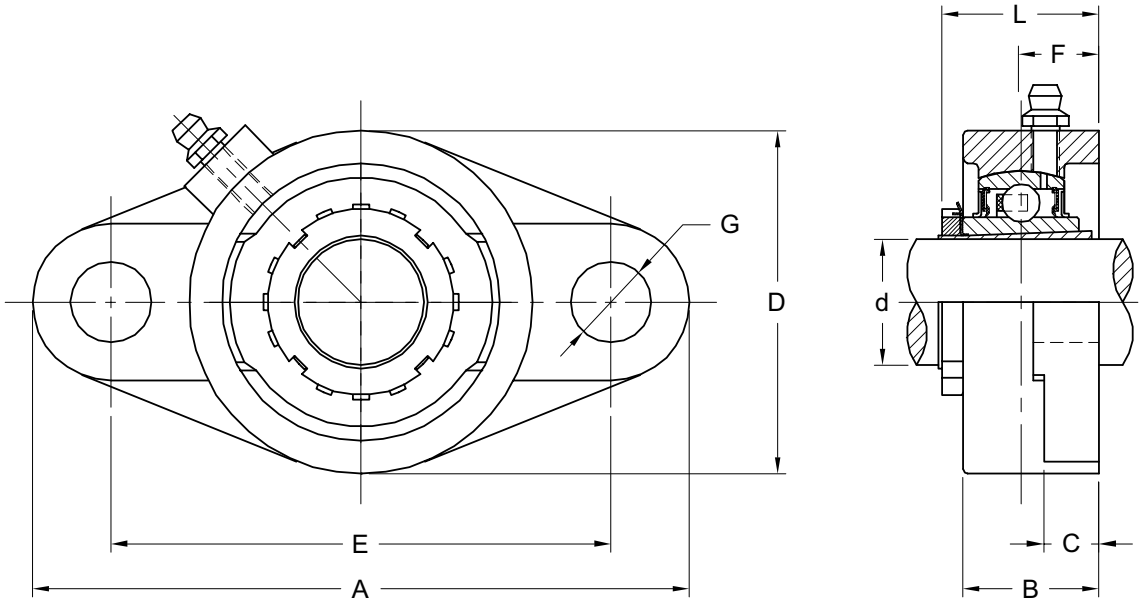
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L				
GSHFT204-20MM	20		112.0	24.6	11	60.3	89.2	14.29	10.3	33.1	GSH204	H204GSH-20MM	FT204	0.6
GSHFT204-12		3/4	4.41	0.97	0.44	2.38	3.51	0.56	0.4	1.30		H204GSH-12		
GSHFT205-25MM	25		124.0	27	13.5	70	98.8	15.87	12.7	32.9		H205GSH-25MM		
GSHFT205-15		15/16	4.87	1.06	0.53	2.75	3.89	0.63	0.5	1.30	GSH205	H205GSH-15	FT205	0.7
GSHFT205-16		1										H205GSH-16		
GSHFT206-30MM	30		141	30	13.5	83	116.7	17.86	12.7	40.6	GSH206	H206GSH-30MM	FT206	1.0
GSHFT206-19		1-3/16	5.56	1.19	0.53	3.25	4.59	0.7	0.5	1.60		H206GSH-19		
GSHFT207-35MM	35		155	34	14.3	95	130	19.05	14	43.7		H207GSH-35MM		
GSHFT207-20		1-1/4	6.13	1.34	0.56	3.75	5.12	0.75	0.55	1.72	GSH207	H207GSH-20	FT207	1.4
GSHFT207-22		1-3/8										H207GSH-22		
GSHFT208-40MM	40		171	38	14.3	105	143.7	21.03	14	48.9	GSH208	H208GSH-40MM	FT208	1.8
GSHFT208-24		1-1/2	6.75	1.5	0.56	4.13	5.65	0.83	0.55	1.92		H208GSH-24		
GSHFT209-45MM	45		179	40	14.3	111	148.4	21.83	16	49.4	GSH209	H209GSH-45MM	FT209	2.0
GSHFT209-28		1-3/4	7.06	1.56	0.56	4.38	5.84	0.86	0.63	1.94		H209GSH-28		
GSHFT210-50MM	50		189	40	14.3	116	157	22.22	16	48.6		H210GSH-50MM		
GSHFT210-31		1-15/16	7.4	1.56	0.56	4.56	6.19	0.88	0.63	1.91	GSH210	H210GSH-31	FT210	2.1
GSHFT210-32		2										H210GSH-32		

2-Bolt Flange

GSHFL 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores





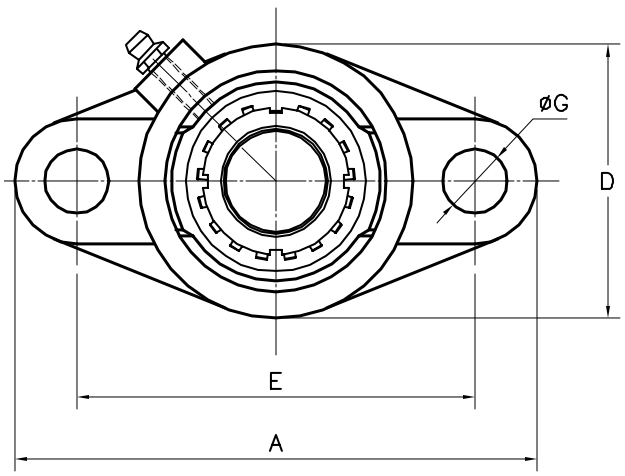
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L				
GSHFL204-20MM GSHFL204-12	20	 3/4	113 4.45	25.5 1.00	11 0.43	60 2.36	90 3.54	15 0.59	12 0.47	33.9 1.33	GSH204	H204GSH-20MM H204GSH-12	FL204	0.5
GSHFL205-25MM GSHFL205-15 GSHFL205-16	25	 15/16 1	130 5.12	27 1.06	13 0.51	68 2.68	99 3.90	16 0.63	16 0.63	33.0 1.30	GSH205	H205GSH-25MM H205GSH-15 H205GSH-16	FL205	0.7
GSHFL206-30MM GSHFL206-19	30	 1-3/16	148 5.83	31 1.22	13 0.51	80 3.15	117 4.61	18 0.71	16 0.63	40.7 1.60	GSH206	H206GSH-30MM H206GSH-19	FL206	1.0
GSHFL207-35MM GSHFL207-20 GSHFL207-22	35	 1-1/4 1-3/8	161 6.34	34 1.34	15 0.59	90 3.54	130 5.12	19 0.75	16 0.63	43.6 1.72	GSH207	H207GSH-35MM H207GSH-20 H207GSH-22	FL207	1.3
GSHFL208-40MM GSHFL208-24	40	 1-1/2	175 6.89	36 1.42	15 0.59	100 3.94	144 5.67	21 0.83	16 0.63	48.9 1.93	GSH208	H208GSH-40MM H208GSH-24	FL208	1.6
GSHFL209-45MM GSHFL209-28	45	 1-3/4	188 7.40	38 1.50	16 0.63	108 4.25	148 5.83	22 0.87	19 0.75	49.6 1.95	GSH209	H209GSH-45MM H209GSH-28	FL209	2.0
GSHFL210-50MM GSHFL210-31 GSHFL210-32	50	 1-15/16 2	197 7.76	40 1.58	16 0.63	115 4.53	157 6.18	22 0.87	19 0.75	48.4 1.91	GSH210	H210GSH-50MM H210GSH-31 H210GSH-32	FL210	2.3

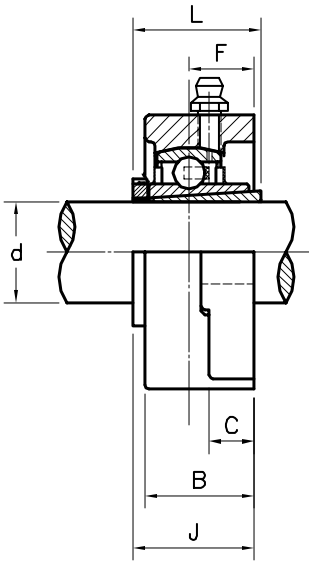
2-Bolt Flange

UKFL 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Adapter Sleeve Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Adapter Sleeve No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	J	L				
UKFL205-20MM UKFL205-12	20	 3/4	130 5.12	27 1.06	13 0.51	68 2.68	99 3.90	16 0.63	16 0.63	35.5 1.39	35 1.38	UK205	H305 x 20MM H305 x 3/4	FL205	0.7
UKFL206-25MM UKFL206-14 UKFL206-15 UKFL206-16	25	 7/8 15/16 1	148 5.83	31 1.22	13 0.51	80 3.15	117 4.61	18 0.71	16 0.63	39 1.54	38 1.50	UK206	H306 x 30MM H306 x 7/8 H306 x 15/16 H306 x 1	FL206	1.0
UKFL207-30MM UKFL207-19	30	 1-3/16	161 6.34	34 1.34	15 0.59	90 3.54	130 5.12	19 0.75	16 0.63	41.5 1.63	43 1.69	UK207	H307 x 30MM H307 x 1-3/16	FL207	1.3
UKFL208-35MM UKFL208-20 UKFL208-22	35	 1-1/4 1-3/8	175 6.89	36 1.42	15 0.59	100 3.94	144 5.67	21 0.83	16 0.63	45.5 1.79	46 1.81	UK208	H308 x 40MM H308 x 1-1/4 H308 x 1-3/8	FL208	1.6
UKFL209-40MM UKFL209-23 UKFL209-24	40	 1-7/16 1-1/2	188 7.40	38 1.50	16 0.63	108 4.25	148 5.83	22 0.87	19 0.75	48 1.89	50 1.97	UK209	H309 x 40MM H309 x 17/16 H309 x 1-1/2	FL209	2.0
UKFL210-45MM UKFL210-27 UKFL210-28	45	 1-11/16 1-3/4	197 7.76	40 1.58	16 0.63	115 4.53	157 6.18	22 0.87	19 0.75	49.5 1.95	55 2.17	UK210	H310 x 45MM H310 x 1-11/16 H310 x 1-3/4	FL210	2.3
UKFL211-50MM UKFL211-30 UKFL211-31 UKFL211-32	50	 1-7/8 1-15/16 2	224 8.82	43 1.69	18 0.71	130 5.12	184 7.24	25 0.98	19 0.75	53.5 2.11	59 2.32	UK211	H311 x 50MM H311 x 1-7/8 H311 x 1-15/16 H311 x 2	FL211	3.3
UKFL212-55MM —	55	 —	250 9.84	48 1.89	18 0.71	140 5.51	202 7.95	29 1.14	23 0.91	60 2.36	62 2.44	UK212	H312 x 55MM	FL212	4.2
UKFL213-60MM UKFL213-35 UKFL213-36 UKFL213-38	60	 2-3/16 2-1/4 2-3/8	258 10.16	50 1.97	22 0.87	153 6.02	210 8.27	30 1.18	23 0.91	63 2.48	65 2.56	UK213	H313 x 60MM H313 x 2-3/16 H313 x 2-1/4 H313 x 2-3/8	FL213	5.18
UKFL215-65MM UKFL215-39 UKFL215-40	65	 2-7/16 2-1/2	275 10.83	56 2.2	22 0.87	162 6.38	225 8.86	34 1.34	23 0.91	69.5 2.74	73 2.87	UK215	H315 x 65MM H315 x 2-7/16 H315 x 2-1/2	FL215	6.14

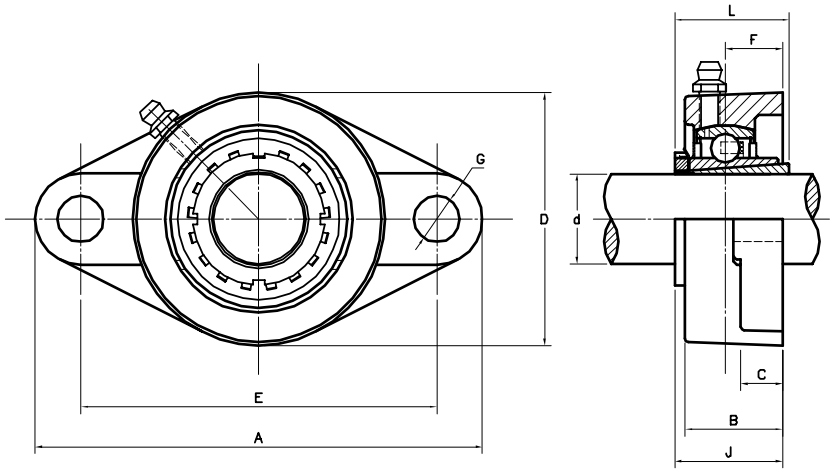
Note: Other housings can also be used with the adapter mounted bearing. Shorter length through bore sizes available using H300 or SNW series adapters.

2-Bolt Flange

UKFT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Adapter Sleeve Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Adapter Sleeve No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	J	L				
UKFT205-20MM	20		124.0	27	13.5	70	98.8	15.9	12.7	35.5	35	UK205	H305 x 20MM	FT205	0.7
UKFT205-12		3/4	4.87	1.06	0.53	2.75	3.89	0.63	0.5	1.39	1.38		H305 x 3/4		
UKFT206-25MM	25		141	30	13.5	83	116.7	17.86	12.7	39	38	UK206	H306 x 25MM	FT206	1.0
UKFT206-14		7/8	5.56	1.19	0.53	3.25	4.59	0.7	0.5	1.54	1.50		H306 x 7/8		
UKFT206-15		15/16											H306 x 15/16		
UKFT206-16		1											H306 x 1		
UKFT207-30MM	30		155	34	14.3	95	130	19	14	41.5	43	UK207	H307 x 30MM	FT207	1.4
UKFT207-19		1-3/16	6.13	1.34	0.56	3.75	5.12	0.75	0.55	1.63	1.69		H307 x 1-3/16		
UKFT208-35MM	35		171	38	14.3	105	143.7	21	14	45.5	46	UK208	H308 x 35MM	FT208	1.8
UKFT208-20		1-1/4	6.75	1.5	0.56	4.13	5.65	0.83	0.55	1.79	1.81		H308 x 1-1/4		
UKFT208-22		1-3/8											H308 x 1-3/8		
UKFT209-40MM	40		179	40	14.3	111	148.4	21.8	16	48	50	UK209	H309 x 40MM	FT209	2.0
UKFT209-23		1-7/16	7.06	1.56	0.56	4.38	5.84	0.86	0.63	1.89	1.97		H309 x 1-7/16		
UKFT209-24		1-1/2											H309 x 1-1/2		
UKFT209-26		1-5/8											H309 x 1-5/8		
UKFT210-45MM	45		189	40	14.3	116	157	22.2	16	49.5	55	UK210	H310 x 45MM	FT210	2.1
UKFT210-27		1-11/16	7.4	1.56	0.56	4.56	6.19	0.88	0.63	1.95	2.17		H310 x 1-11/16		
UKFT210-28		1-3/4											H310 x 1-3/4		
UKFT211-50MM	50		216	44	20.6	133	184	25.4	18	53.5	59	UK211	H311 x 50MM	FT211	3.2
UKFT211-30		1-7/8	8.5	1.75	0.81	5.25	7.25	1	0.7	2.11	2.32		H311 x 1-7/8		
UKFT211-31		1-15/16											H311 x 1-15/16		
UKFT211-32		2											H311 x 2		

Note: Other housings can also be used with the adapter mounted bearing. Shorter length through bore sizes available using H300 or SNW series adapters.

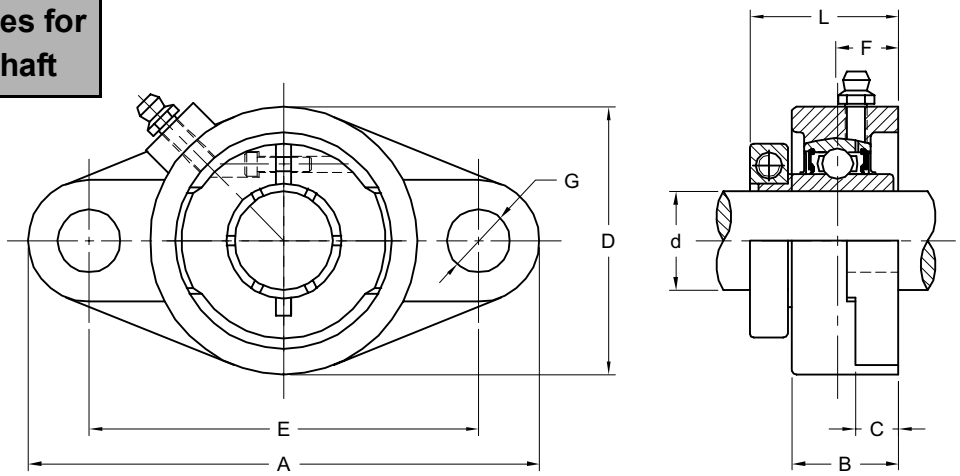
2-Bolt Flange

CLFL 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft



Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
CLFL204-20MM CLFL204-12	20	 3/4	113 4.45	25.5 1.00	11 0.43	60 2.36	90 3.54	15 0.59	12 0.47	34.8 1.37	CL204-20MM CL204-12	FL204	0.4
CLFL205-25MM CLFL205-14 CLFL205-15 CLFL205-16	25	 7/8 15/16 1	130 5.12	27 1.06	13 0.51	68 2.68	99 3.90	16 0.63	16 0.63	38.2 1.50	CL205-25MM CL205-14 CL205-15 CL205-16	FL205	0.6
CLFL206-30MM CLFL206-18 CLFL206-19 CLFL206-20	30	 1-1/8 1-3/16 1-1/4	148 5.83	31 1.22	13 0.51	80 3.15	117 4.61	18 0.71	16 0.63	41.8 1.65	CL206-30MM CL206-18 CL206-19 CL206-20	FL206	0.8
CLFL207-35MM CLFL207-20 CLFL207-22 CLFL207-23	35	 1-1/4 1-3/8 1-7/16	161 6.34	34 1.34	15 0.59	90 3.54	130 5.12	19 0.75	16 0.63	46.0 1.81	CL207-35MM CL207-20 CL207-22 CL207-23	FL207	0.9
CLFL208-40MM CLFL208-24	40	 1-1/2	175 6.89	36 1.42	15 0.59	100 3.94	144 5.67	21 0.83	16 0.63	52.8 2.08	CL208-40MM CL208-24	FL208	1.0
CLFL209-45MM CLFL209-26 CLFL209-27 CLFL209-28	45	 1-5/8 1-11/16 1-3/4	188 7.40	38 1.50	16 0.63	108 4.25	148 5.83	22 0.87	19 0.75	53.8 2.12	CL209-45MM CL209-26 CL209-27 CL209-28	FL209	1.3
CLFL210-50MM CLFL210-31 CLFL210-32	50	 1-15/16 2	197 7.76	40 1.58	16 0.63	115 4.53	157 6.18	22 0.87	19 0.75	56.1 2.21	CL210-50MM CL210-31 CL210-32	FL210	1.6
CLFL211-55MM CLFL211-32 CLFL211-34 CLFL211-35	55	 2 2-1/8 2-3/16	224 8.82	43 1.69	18 0.71	130 5.12	184 7.24	25 0.98	19 0.75	59.9 2.36	CL211-55MM CL211-32 CL211-34 CL211-35	FL211	2.2
CLFL212-60MM CLFL212-36 CLFL212-38 CLFL212-39	60	 2-1/4 2-3/8 2-7/16	250 9.84	48 1.89	18 0.71	140 5.51	202 7.95	29 1.14	23 0.91	70.3 2.77	CL212-60MM CL212-36 CL212-38 CL212-39	FL212	3.3

Note: Other sizes available on request.

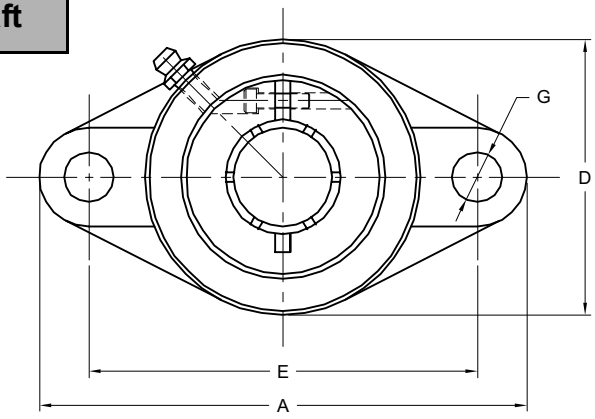
2-Bolt Flange

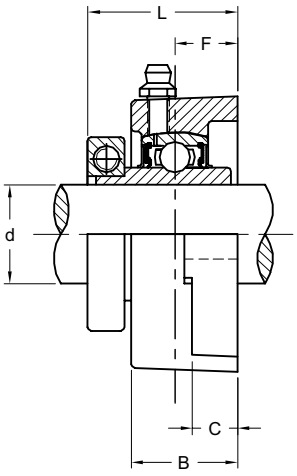
CLFT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores



The locking collar provides for a concentric fit to the shaft





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
CLFT204-20MM	20		112.0	24.6	11	60.3	89.2	14.3	10.3	34.1	CL204-20MM	FT204	0.5
CLFT204-12		3/4	4.41	0.97	0.44	2.38	3.51	0.56	0.4	1.34	CL204-12		
CLFT205-25MM	25		124.0	27	13.5	70	98.8	15.9	12.7	38.1	CL205-25MM	FT205	0.6
CLFT205-14		7/8	4.87	1.06	0.53	2.75	3.89	0.63	0.5	1.50	CL205-14		
CLFT205-15		15/16									CL205-15		
CLFT205-16		1									CL205-16		
CLFT206-30MM	30		141	30	13.5	83	116.7	17.9	12.7	41.7	CL206-30MM	FT206	0.8
CLFT206-18		1-1/8	5.56	1.19	0.53	3.25	4.59	0.7	0.5	1.64	CL206-18		
CLFT206-19		1-3/16									CL206-19		
CLFT206-20		1-1/4									CL206-20		
CLFT207-35MM	35		155	34	14.3	95	130	19.1	14	46.1	CL207-35MM	FT207	1.0
CLFT207-20		1-1/4	6.13	1.34	0.56	3.75	5.12	0.75	0.55	1.81	CL207-20		
CLFT207-22		1-3/8									CL207-22		
CLFT207-23		1-7/16									CL207-23		
CLFT208-40MM	40		171	38	14.3	105	143.7	21.0	14	52.8	CL208-40MM	FT208	1.2
CLFT208-24		1-1/2	6.75	1.5	0.56	4.13	5.65	0.83	0.55	2.08	CL208-24		
CLFT209-45MM	45		179	40	14.3	111	148.4	21.8	16	53.6	CL209-45MM	FT209	1.4
CLFT209-26		1-5/8	7.06	1.56	0.56	4.38	5.84	0.86	0.63	2.11	CL209-26		
CLFT209-27		1-11/16									CL209-27		
CLFT209-28		1-3/4									CL209-28		
CLFT210-50MM	50		189	40	14.3	116	157	22.2	16	56.3	CL210-50MM	FT210	1.8
CLFT210-31		1-15/16	7.4	1.56	0.56	4.56	6.19	0.88	0.63	2.22	CL210-31		
CLFT210-32		2									CL210-32		
CLFT211-55MM	55		216	44	20.6	133	184	25.4	18	60.3	CL211-55MM	FT211	2.3
CLFT211-32		2	8.5	1.75	0.81	5.25	7.25	1	0.7	237	CL211-32		
CLFT211-34		2-1/8									CL211-34		
CLFT211-35		2-3/16									CL211-35		

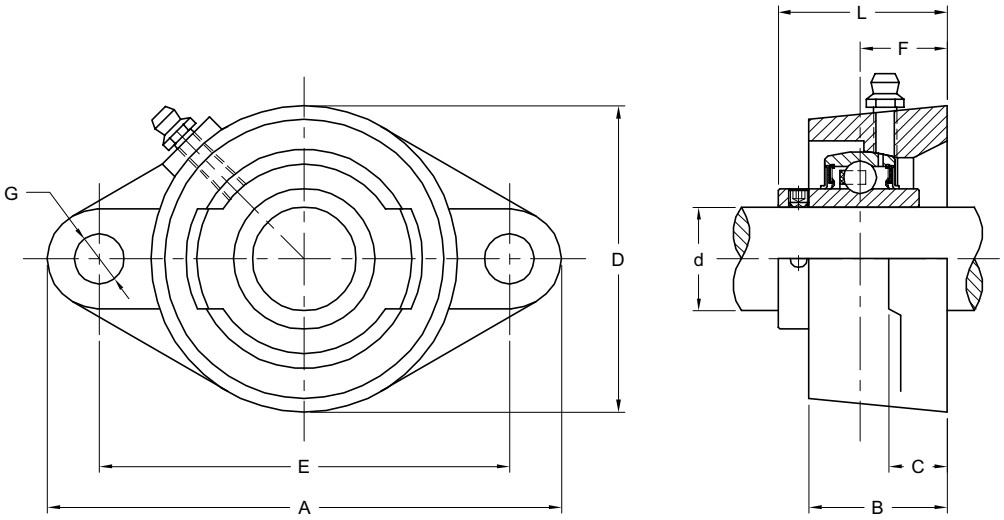
Note: Other sizes available on request.

Medium Duty 2-Bolt Flange

FLX Silver Series

Medium Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





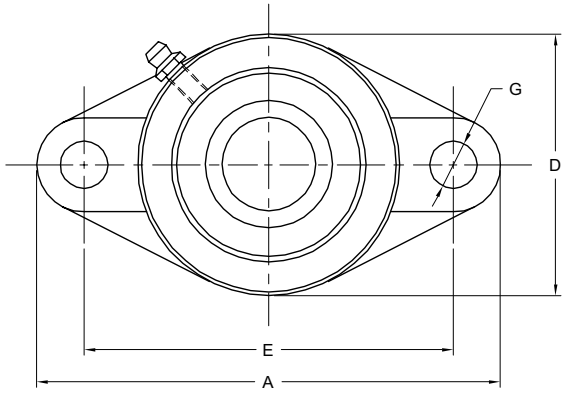
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFLX05-25MM	25		142	30	13	83	117	18	12	40.2	UCX05-25MM	FLX05	1.2
UCFLX05-16		1	5.59	1.18	0.51	3.27	4.61	0.71	0.47	1.58	UCX05-16		
UCFLX06-30MM	30		156	34	15	95	130	19	16	44.4	UCX06-30MM		
UCFLX06-18		1-1/8	6.14	1.34	0.59	3.74	5.12	0.75	0.63	1.75	UCX06-18	FLX06	1.5
UCFLX06-19		1-3/16									UCX06-19		
UCFLX06-20		1-1/4									UCX06-20		
UCFLX07-35MM	35		171	38	16	105.0	144	21	16	51.2	UCX07-35MM		
UCFLX07-20		1-1/4	6.73	1.5	0.63	4.13	5.67	0.83	0.63	2.02	UCX07-20	FLX07	2.1
UCFLX07-23		1-7/16									UCX07-23		
UCFLX08-40MM	40		179	40	16	111	148	22	16	52.2	UCX08-40MM	FLX08	2.3
UCFLX08-24		1-1/2	7.05	1.57	0.63	4.37	5.83	0.87	0.63	2.06	UCX08-24		
UCFLX09-45MM	45		189	40	16	116	157	23	16	55.6	UCX09-45MM		
UCFLX09-27		1-11/16	7.44	1.57	0.63	4.57	6.18	0.91	0.63	2.19	UCX09-27	FLX09	2.5
UCFLX09-28		1-3/4									UCX09-28		
UCFLX10-50MM	50		216	44	18	133	184	26	19	59.4	UCX10-50MM		
UCFLX10-31		1-15/16	8.5	1.73	0.71	5.24	7.24	1.02	0.75	2.34	UCX10-31	FLX10	3.5
UCFLX10-32		2									UCX10-32		

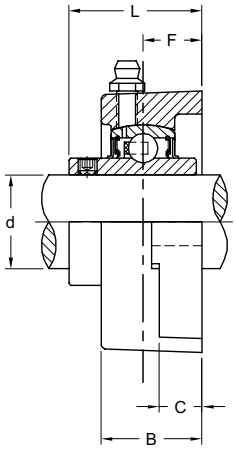
Heavy Duty 2-Bolt Flange

UCFL 300 Silver Series

Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







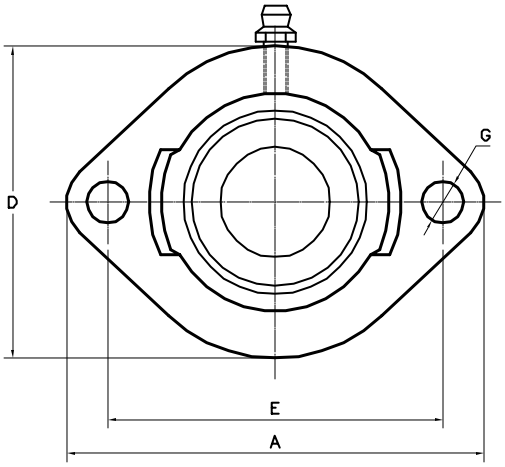
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
UCFL305-25MM	25		150	29	13	80	113	16	19	39	UC305-25MM	FL305	1.1
UCFL305-16		1	5.91	1.14	0.50	3.15	4.45	0.63	0.75	1.54	UC305-16		
UCFL306-30MM	30		180	32	15	90	134	18	23	44	UC306-30MM	FL306	1.7
UCFL306-18		1-1/8	7.09	1.26	0.60	3.54	5.28	0.71	0.91	1.73	UC306-18		
UCFL306-19		1-3/16									UC306-19		
UCFL307-35MM	35		185	36	16	100	141	20	23	49	UC307-35MM	FL307	2..0
UCFL307-20		1-1/4	7.28	1.42	0.63	3.94	5.51	0.79	0.91	1.93	UC307-20		
UCFL307-22		1-3/8									UC307-22		
UCFL307-23		1-7/16									UC307-23		
UCFL308-40MM	40		200	40	17	112	158	23	23	56	UC308-40MM	FL308	2.6
UCFL308-24		1-1/2	7.87	1.57	0.67	4.41	6.22	0.91	0.91	2.20	UC308-24		
UCFL309-45MM	45		230	44	18	125	177	25	25	60	UC309-45MM	FL309	3.5
UCFL309-27		1-11/16	9.06	1.73	0.70	4.92	6.97	0.98	0.98	2.36	UC309-27		
UCFL309-28		1-3/4									UC309-28		
UCFL310-50MM	50		240	48	19	140	187	28	25	67	UC310-50MM	FL310	4.5
UCFL310-30		1-7/8	9.45	1.89	0.75	5.51	7.36	1.10	0.98	2.64	UC310-30		
UCFL310-31		1-15/16									UC310-31		
UCFL311-55MM	55		250	52	20	150	198	30	25	71	UC311-55MM	FL311	5.5
UCFL311-32		2	9.84	2.05	0.79	5.91	7.80	1.18	0.98	2.80	UC311-32		
UCFL311-35		2-3/16									UC311-35		
UCFL312-60MM	60		270	56	22	160	212	33	31	78	UC312-60MM	FL312	5.9
UCFL312-39		2-7/16	10.63	2.20	0.87	6.30	8.35	1.30	1.22	3.07	UC312-39		
UCFL313-65MM	65		295	58	25	175	240	33	31	78	UC313-65MM	FL313	8.6
UCFL313-40		2-1/2	11.61	2.28	0.98	6.89	9.45	1.30	1.22	3.07	UC313-40		
UCFL314-70MM	70		315	61	28	185	250	36	35	81	UC314-70MM	FL314	10.0
UCFL314-44		2-3/4	12.40	2.40	1.10	7.28	9.84	1.42	1.38	3.19	UC314-44		

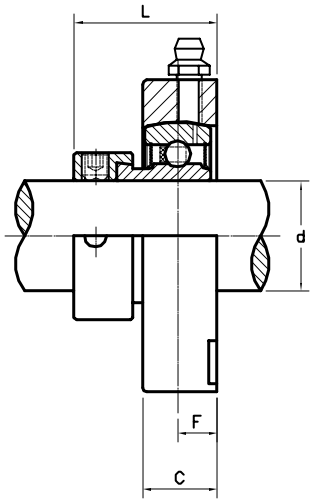
2-Bolt Flange

OWFK 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Compact Housing
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	C	D	E	F	G	L			
OWFK201 x 12MM	12		81	15	59	63.5	7.5	7.0	29.6	SA201 x 12MM		
OWFK202 x 15MM	15									SA202 x 15MM		
OWFK203 x 17MM	17									SA203 x 17MM	OWFK203	0.3
OWFK201 x 1/2		1/2	3.19	0.59	2.32	2.50	.30	0.28	1.17	SA201 x 1/2		
OWFK202 x 5/8		5/8								SA202 x 5/8		
OWFK203 x 11/16		11/16								SA203 x 11/16		
OWFK204 x 20MM	20		90.5	16	66.5	71.4	9.5	9.0	33.0	SA204 x 20MM	OWFK204	0.4
OWFK204 x 3/4		3/4	3.56	0.63	2.61	2.81	0.37	0.35	1.30	SA204 x 3/4		
OWFK205 x 25MM	25		95	17	71.0	76.2	9	9.0	32.5	SA205 x 25MM		
OWKF205 x 7/8		7/8	3.74	0.67	2.80	3.00	0.35	0.35	1.28	SA205 x 7/8	OWFK205	0.5
OWFK205 x 15/16		15/16								SA205 x 15/16		
OWFK205 x 1		1								SA205 x 1		
OWFK206 x 30MM	30		112.5	20	84.0	90.5	9.5	11.5	36.2	SA206 x 30MM		
OWFK206 x 1-1/8		1-1/8	4.43	0.79	3.31	3.56	0.37	0.45	1.43	SA206 x 1-1/8	OWFK206	1.0
OWFK206 x 1-3/16		1-3/16								SA206 x 1-3/16		
OWFK206 x 1-1/4		1-1/4								SA206 x 1-1/4		
OWFK207 x 35MM	35		125	22.0	94.0	100.0	10	11.5	39.4	SA207 x 35MM		
OWFK207 x 1-1/4		1-1/4	4.92	0.87	3.70	3.93	0.39	0.45	1.55	SA207 x 1-1/4	OWFK207	1.2
OWFK207 x 1-3/8		1-3/8								SA207 x 1-3/8		
OWFK207 x 1-7/16		1-7/16								SA207 x 1-7/16		
OWFK208 x 40MM	40		148	25	104	119.0	12.5	14.0	45.2	SA208 x 40MM	OWFK208	1.3
OWFK208 x 1-1/2		1-1/2	5.83	0.98	4.09	4.69	0.49	0.55	1.78	SA208 x 1-1/2		

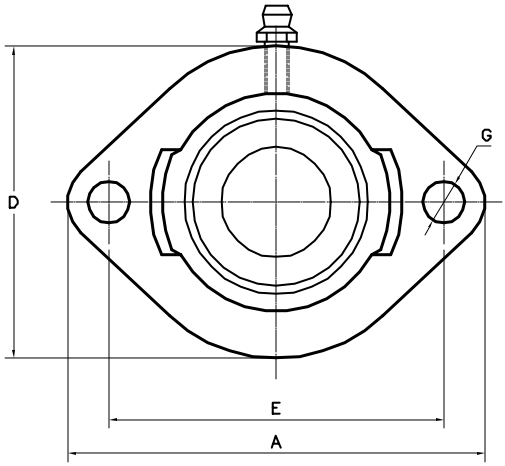
Note: Set Screw Bearings also available from stock.

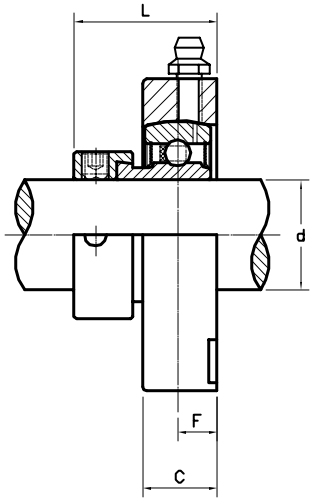
2-Bolt Flange Units

OWFK 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Compact Housing
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	C	D	E	F	G	L			
OWFK201-12MM	12		81	15	59	63.5	7.5	7.0	29.6	SA201-12MM		
OWFK202-15MM	15									SA202-15MM		
OWFK203-17MM	17									SA203-17MM	OWFK203	0.3
OWFK201-8		1/2	3.19	0.59	2.32	2.50	.30	0.28	1.01	SA201-8		
OWFK202-10		5/8								SA202-10		
OWFK203-11		11/16								SA203-11		
OWFK204-20MM	20		90.5	16	66.5	71.4	9.5	9.0	33.0	SA204-20MM	OWFK204	0.4
OWFK204-12		3/4	3.56	0.63	2.61	2.81	0.37	0.35	1.30	SA204-12		
OWFK205-25MM	25		95	17	71.0	76.2	9	9.0	32.5	SA205-25MM		
OWKF205-14		7/8	3.74	0.67	2.80	3.00	0.35	0.35	1.28	SA205-14	OWFK205	0.5
OWFK205-15		15/16								SA205-15		
OWFK205-16		1								SA205-16		
OWFK206-30MM	30		112.5	20	84.0	90.5	9.5	11.5	36.2	SA206-30MM		
OWFK206-18		1-1/8	4.43	0.79	3.31	3.56	0.37	0.45	1.43	SA206-18	OWFK206	1.0
OWFK206-19		1-3/16								SA206-19		
OWFK206-20		1-1/4								SA206-20		
OWFK207-35MM	35		125	22.0	94.0	100.0	10	11.5	39.4	SA207-35MM		
OWFK207-20		1-1/4	4.92	0.87	3.70	3.93	0.39	0.45	1.55	SA207-20	OWFK207	1.2
OWFK207-22		1-3/8								SA207-22		
OWFK207-23		1-7/16								SA207-23		
OWFK208-40MM	40		148	25	104	119.0	12.5	14.0	45.2	SA208-40MM	OWFK208	1.3
OWFK208-24		1-1/2	5.83	0.98	4.09	4.69	0.49	0.55	1.78	SA208-24		

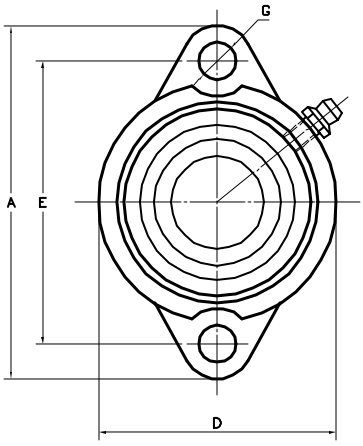
Note: Set Screw Bearings also available from stock.

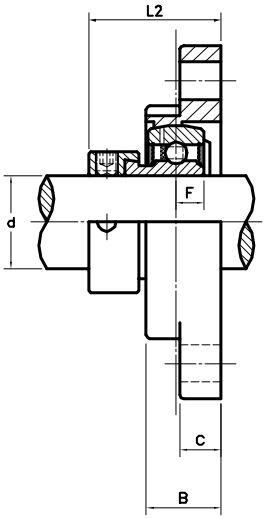
2-Bolt Flange

LF 200 Gold Series

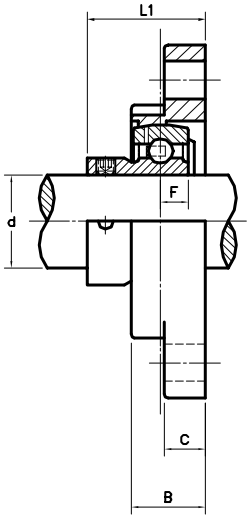
Normal Duty Bearing, Narrow Profile
Compact Cast Iron Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
LF201 x 12MM	LF201 x 12SMM	12		81.0	18.0	9.5	56	63.5	9.5	8	25.5	31.6	SA201 x 12MM	SB201 x 12MM		
LF202 x 15MM	LF202 x 15SMM	15											SA202 x 15MM	SB202 x 15MM		
LF203 x 17MM	LF203 x 17SMM	17											SA203 x 17MM	SB203 x 17MM	LF203	0.7
LF201 x 1/2	LF201 x 1/2S		1/2	3.19	0.71	0.37	2.20	2.50	0.37	0.32	1.0	1.24	SA201 x 1/2	SB201 x 1/2		
LF202 x 5/8	LF202 x 5/8S		5/8										SA202 x 5/8	SB202 x 5/8		
LF203 x 11/16	LF203 x 11/16S		11/16										SA203 x 11/16	SB203 x 11/16		
LF204 x 20MM	LF204 x 20SMM	20		90	20	11	61	71.4	11	10	29	34.5	SA204 x 20MM	SB204 x 20MM	LF204	0.8
LF204 x 3/4	LF204 x 3/4S		3/4	3.54	0.79	0.43	2.4	2.81	0.43	0.39	1.14	1.36	SA204 x 3/4	SB204 x 3/4		
LF205 x 25MM	LF205 x 25SMM	25		95	20	11	64	76.0	11	10	30.5	34.5	SA205 x 25MM	SB205 x 25MM		
LF205 x 7/8	LF205 x 7/8S		7/8	3.74	0.79	0.43	2.52	3.00	0.43	0.39	1.20	1.36	SA205 x 7/8	SB205 x 7/8	LF205	1.0
LF205 x 15/16	LF205 x 15/16S		15/16										SA205 x 15/16	SB205 x 15/16		
LF205 x 1	LF205 x 1S		1										SA205 x 1	SB205 x 1		
LF206 x 30MM	LF206 x 30SMM	30		113	22	12	76	90.5	12	12	33	38.7	SA206 x 30MM	SB206 x 30MM		
LF206 x 1-1/8	LF206 x 1-1/8S		1-1/8	4.45	0.97	0.47	3.00	3.56	0.47	0.47	1.30	1.52	SA206 x 1-1/8	SB206 x 1-1/8	LF206	1.4
LF206 x 1-3/16	LF206 x 1-3/16S		1-3/16										SA206 x 1-3/16	SB206 x 1-3/16		
LF206 x 1-1/4	LF206 x 1-1/4S		1-1/4										SA206 x 1-1/4	SB206 x 1-1/4		
LF207 x 35MM	LF207 x 35SMM	35		122	24	13	89	100.0	13	12	38.4	42.4	SA207 x 35MM	SB207 x 35MM		
LF207 x 1-1/4	LF207 x 1-1/4S		1-1/4	4.80	0.95	0.51	3.50	3.94	0.51	0.47	1.51	1.67	SA207 x 1-1/4	SB207 x 1-1/4	LF207	2.0
LF207 x 1-3/8	LF207 x 1-3/8S		1-3/8										SA207 x 1-3/8	SB207 x 1-3/8		
LF207 x 1-7/16	LF207 x 1-7/16S		1-7/16										SA207 x 1-7/16	SB207 x 1-7/16		

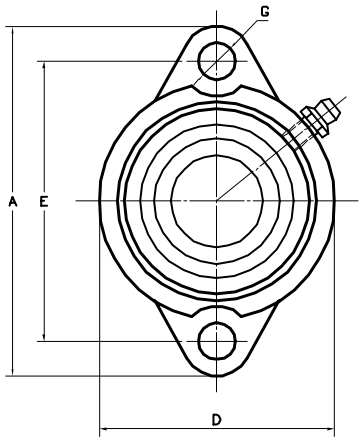
Note: Adapter Lock Bearings also available from stock.

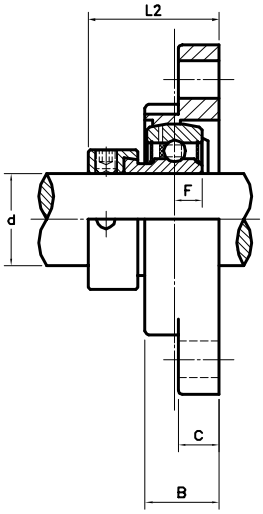
2-Bolt Flange

LF 200 Silver Series

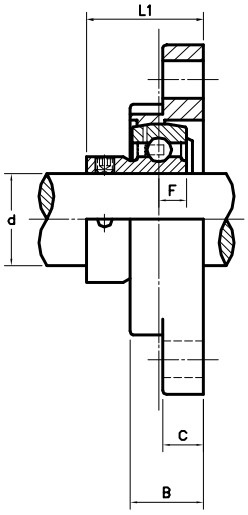
Normal Duty Bearing, Narrow Profile
Compact Cast Iron Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
LF201-12MM	LF201-12SMM	12		81.0	18.0	9.5	56	63.5	9.5	8	25.5	31.6	SA201-12MM	SB201-12MM		
LF202-15MM	LF202-15SMM	15											SA202-15MM	SB202-15MM		
LF203-17MM	LF203-17SMM	17											SA203-17MM	SB203-17MM	LF203	0.7
LF201-8	LF201-8S		1/2	3.19	0.71	0.37	2.20	2.50	0.37	.32	1.0	1.24	SA201-8	SB201-8		
LF202-10	LF202-10S		5/8										SA202-10	SB202-10		
LF203-11	LF203-11S		11/16										SA203-11	SB203-11		
LF204-20MM	LF204-20SMM	20		90	20	11	61	71.4	11	10	29	34.5	SA204-20MM	SB204-20MM	LF204	0.8
LF204-12	LF204-12S		3/4	3.54	0.79	0.43	2.4	2.81	0.43	0.39	1.14	1.36	SA204-12	SB204-12		
LF205-25MM	LF205-25SMM	25		95	20	11	64	76.0	11	10	30.5	34.5	SA205-25MM	SB205-25MM		
LF205-14	LF205-14S		7/8	3.74	0.79	0.43	2.52	3.00	0.43	0.39	1.20	1.36	SA205-14	SB205-14	LF205	1.0
LF205-15	LF205-15S		15/16										SA205-15	SB205-15		
LF205-16	LF205-16S		1										SA205-16	SB205-16		
LF206-30MM	LF206-30SMM	30		113	22	12	76	90.5	12	12	33	38.7	SA206-30MM	SB206-30MM		
—	LF206-17S		1-1/16	4.45	0.97	0.47	3.00	3.56	0.47	0.47	1.30	1.52	—	SB206-17		
LF206-18	LF206-18S		1-1/8										SA206-18	SB206-18	LF206	1.4
LF206-19	LF206-19S		1-3/16										SA206-19	SB206-19		
LF206-20	LF206-20S		1-1/4										SA206-20	SB206-20		
LF207-35MM	LF207-35SMM	35		122	24	13	89	100.0	13	12	38.4	42.4	SA207-35MM	SB207-35MM		
LF207-20	LF207-20S		1-1/4	4.80	0.95	0.51	3.50	3.94	0.51	0.47	1.51	1.67	SA207-20	SB207-20	LF207	2.0
LF207-22	LF207-22S		1-3/8										SA207-22	SB207-22		
LF207-23	LF207-23S		1-7/16										SA207-23	SB207-23		

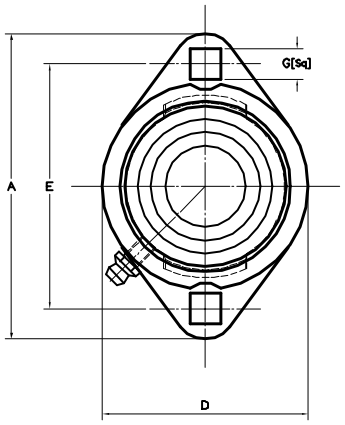
Note: Adapter Lock Bearings also available from stock.

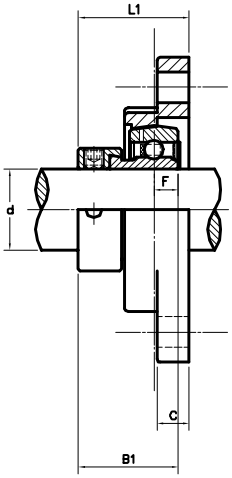
Ductile 2-Bolt Flange

FX 200 Gold Series

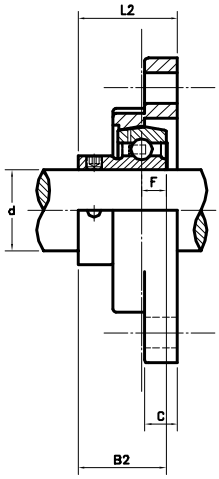
Normal Duty Bearing, Narrow Profile
Compact Ductile Iron Housing, Square Holes
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B_1	B_2	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
FX201 x 12MM	FX201 x 12SMM	12		81	28.6	22	10.3	56	63.5	10	7.1	32.6	26	SA201 x 12MM	SB202 x 12MM		
FX202 x 15MM	FX202 x 15SMM	15												SA202 x 15MM	SB202 x 15MM		
FX203 x 17MM	FX203 x 17SMM	17												SA203 x 17MM	SB203 x 17MM	FX203	0.3
FX201 x 1/2	FX201 x 1/2S		1/2	3.19	1.13	0.87	0.4	2.20	2.500	0.39	0.28	1.28	1.02	SA201 x 1/2	SB201 x 1/2		
FX202 x 5/8	FX202 x 5/8S		5/8											SA202 x 5/8	SB202 x 5/8		
FX203 x 11/16	FX203 x 11/16S		11/16											SA203 x 11/16	SB203 x 11/16		
FX204 x 20MM	FX204 x 20SMM	20		90.5	31	25	11	61	71.4	11.1	9	35.1	29.1	SA204 x 20MM	SB204 x 20MM	FX204	0.3
FX204 x 3/4	FX204 x 3/4S		3/4	3.56	1.22	0.98	0.43	2.40	2.813	0.44	0.35	1.38	1.15	SA204 x 3/4	SB204 x 3/4		
FX205 x 25MM	FX205 x 25SMM	25		95.3	31	27	11	64	76.3	11.1	9.5	34.6	30.6	SA205 x 25MM	SB205 x 25MM		
FX205 x 7/8	FX205 x 7/8S		7/8	3.75	1.22	1.06	0.43	2.52	3.000	0.44	0.37	1.36	1.21	SA205 x 7/8	SB205 x 7/8	FX205	0.4
FX205 x 15/16	FX205 x 15/16S		15/16											SA205 x 15/16	SB205 x 15/16		
FX205 x 1	FX205 x 1S		1											SA205 x 1	SB205 x 1		
FX206 x 30MM	FX206 x 30SMM	30		113	35.7	30	11.9	76	90.5	12.1	11	39.8	34.1	SA206 x 30MM	SB206 x 30MM		
FX206 x 1-1/8	FX206 x 1-1/8S		1-1/8	4.45	1.41	1.18	0.47	2.99	3.563	0.48	0.43	1.57	1.34	SA206 x 1-1/8	SB206 x 1-1/8	FX206	0.6
FX206 x 1-3/16	FX206 x 1-3/16S		1-3/16											SA206 x 1-3/16	SB206 x 1-3/16		
FX206 x 1-1/4	FX206 x 1-1/4S		1-1/4											SA206 x 1-1/4	SB206 x 1-1/4		
FX207 x 35MM	FX207 x 35SMM	35		122	38.9	32	12.7	89	100	13	11	43.4	36.5	SA207 x 35MM	SB207 x 35MM		
FX207 x 1-1/4	FX207 x 1-1/4S		1-1/4	4.81	1.53	1.26	0.5	3.5	3.938	0.51	0.43	1.71	1.44	SA207 x 1-1/4	SB207 x 1-1/4	FX207	0.9
FX207 x 1-3/8	FX207 x 1-3/8S		1-3/8											SA207 x 1-3/8	SB207 x 1-3/8		
FX207 x 1-7/16	FX207 x 1-7/16S		1-7/16											SA207 x 1-7/16	SB207 x 1-7/16		

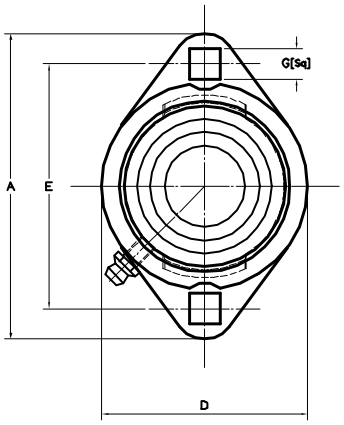
Note: Adapter Lock Bearings also available from stock.

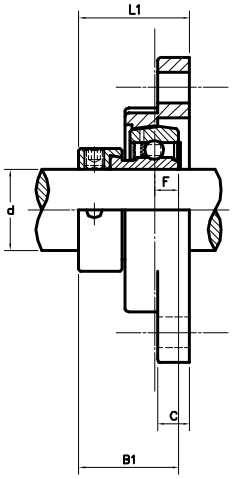
Ductile 2-Bolt Flange

FX 200 Silver Series

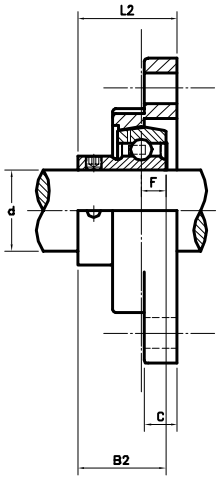
Normal Duty Bearing, Narrow Profile
Compact Ductile Iron Housing, Square Holes
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

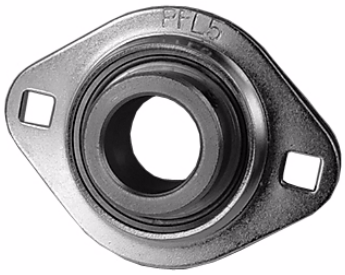
Part No.		Shaft Size d		Dimensions (mm) (in)										Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B_1	B_2	C	D	E	F	G	L_1	L_2	Eccentric	Set Screw		
FX201-12MM	FX201-12SMM	12		81	28.6	22	10.3	56	63.5	10	7.1	32.6	26	SA201-12MM	SB202-12MM		
FX202-15MM	FX202-15SMM	15												SA202-15MM	SB202-15MM		
FX203-17MM	FX203-17SMM	17												SA203-17MM	SB203-17MM	FX203	0.3
FX201-8	FX201-8S		1/2	3.19	1.13	0.87	0.4	2.20	2.500	0.39	0.28	1.28	1.02	SA201-8	SB201-8		
FX202-10	FX202-10S		5/8											SA202-10	SB202-10		
FX203-11	FX203-11S		11/16											SA203-11	SB203-11		
FX204-20MM	FX204-20SMM	20		90.5	31	25	11	61	71.4	11.1	9	35.1	29.1	SA204-20MM	SB204-20MM	FX204	0.3
FX204-12	FX204-12S		3/4	3.56	1.22	0.98	0.43	2.40	2.813	0.44	0.35	1.38	1.15	SA204-12	SB204-12		
FX205-25MM	FX205-25SMM	25		95.3	31	27	11	64	76.3	11.1	9.5	34.6	30.6	SA205-25MM	SB205-25MM		
FX205-14	FX205-14S		7/8	3.75	1.22	1.06	0.43	2.52	3.000	0.44	0.37	1.36	1.21	SA205-14	SB205-14	FX205	0.4
FX205-15	FX205-15S		15/16											SA205-15	SB205-15		
FX205-16	FX205-16S		1											SA205-16	SB205-16		
FX206-30MM	FX206-30SMM	30		113	35.7	30	11.9	76	90.5	12.1	11	39.8	34.1	SA206-30MM	SB206-30MM		
FX206-18	FX206-18S		1-1/8	4.45	1.41	1.18	0.47	2.99	3.563	0.48	0.43	1.57	1.34	SA206-18	SB206-18	FX206	0.6
FX206-19	FX206-19S		1-3/16											SA206-19	SB206-19		
FX206-20	FX206-20S		1-1/4											SA206-20	SB206-20		
FX207-35MM	FX207-35SMM	35		122	38.9	32	12.7	89	100	13	11	43.4	36.5	SA207-35MM	SB207-35MM		
FX207-20	FX207-20S		1-1/4	4.81	1.53	1.26	0.5	3.5	3.938	0.51	0.43	1.71	1.44	SA207-20	SB207-20	FX207	0.9
FX207-22	FX207-22S		1-3/8											SA207-22	SB207-22		
FX207-23	FX207-23S		1-7/16											SA207-23	SB207-23		

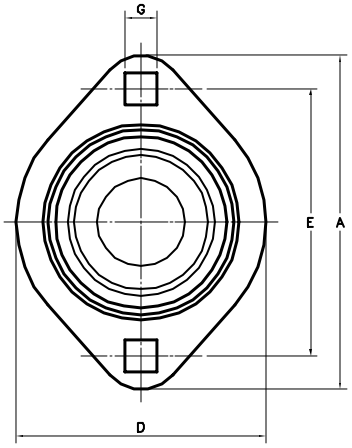
Note: Adapter Lock Bearings also available from stock.

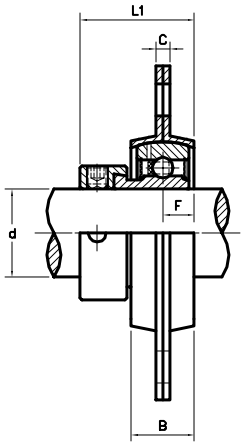
Pressed Steel Flange

OBF 200 Gold Series

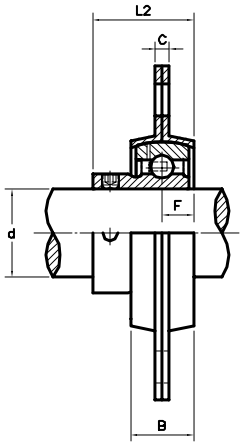
Normal Duty Bearing
2 pcs Steel Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2		
OBF201 x 12MM	OBF201 x 12SMM	12		81	14	4.0	59	63.5	7.0	7.5	29.6	23		
OBF202 x 15MM	OBF202 x 15SMM	15												
OBF203 x 17MM	OBF203 x 17SMM	17											OBF203 (PFL3)	0.2
OBF201 x 1/2	OBF201 x 1/2S		1/2	3.19	0.55	0.16	2.32	2.50	.28	.30	1.16	1.0		
OBF202 x 5/8	OBF202 x 5/8S		5/8											
OBF203 x 11/16	OBF203 x 11/16S		11/16											
OBF204 x 20MM	OBF204 x 20SMM	20		90.5	16	4.0	67	71.5	8.0	8.7	32	26	OBF204 (PFL4)	0.3
OBF204 x 3/4	OBF204 x 3/4S		3/4	3.56	0.63	0.16	2.64	2.81	0.31	0.34	1.26	1.02		
OBF205 x 25MM	OBF205 x 25SMM	25		95.2	18	4.0	71	76	9.0	8.7	32.5	28.5		
OBF205 x 7/8	OBF205 x 7/8S		7/8	3.75	0.71	0.16	2.80	3.0	0.35	0.34	1.28	1.12	OBF205 (PFL5) OBFLT25*	0.5
OBF205 x 15/16	OBF205 x 15/16S		15/16											
OBF205 x 1	OBF205 x 1S		1											
OBF206 x 30MM	OBF206 x 30SMM	30		112.7	19	5.2	84	90.5	9.0	10.5	35.7	30		
OBF206 x 1-1/8	OBF206 x 1-1/8S		1-1/8	4.44	0.75	0.21	3.31	3.56	0.35	0.41	1.41	1.18	OBF206 (PFL6)	0.7
OBF206 x 1-3/16	OBF206 x 1-3/16S		1-3/16											
OBF206 x 1-1/4	OBF206 x 1-1/4S		1-1/4											
OBF207 x 35MM	OBF207 x 35SMM	35		123	22	5.2	93.7	100	10.5	10.5	39.9	36		
OBF207 x 1-1/4	OBF207 x 1-1/4S		1-1/4	4.84	0.87	0.21	3.69	3.94	0.41	0.41	1.57	1.42	OBF207 (PFL7)	0.9
OBF207 x 1-3/8	OBF207 x 1-3/8S		1-3/8											
OBF207 x 1-7/16	OBF207 x 1-7/16S		1-7/16											

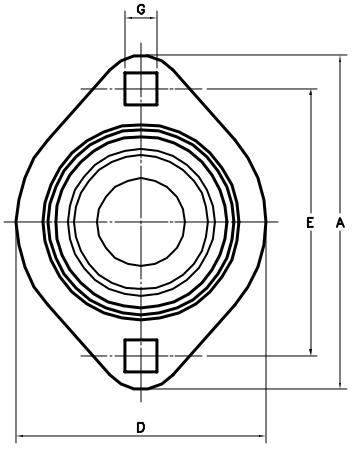
*Note: Flat back OBFLT25 housing available this size only.

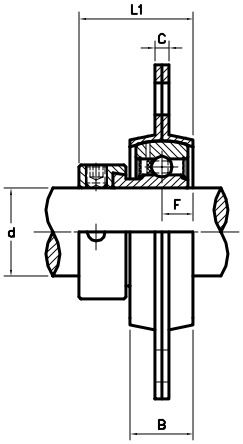
Pressed Steel Flange

OBF 200 Silver Series

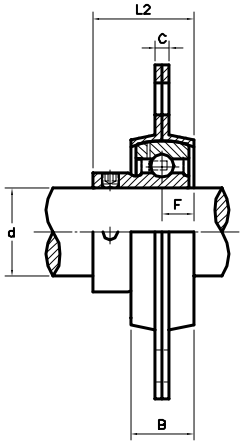
Normal Duty
2 pcs Steel Housing
Set Screw and Eccentric Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2		
OBF201-12MM	OBF201-12SMM	12		81	14	4.0	59	63.5	7.0	7.5	29.6	23		
OBF202-15MM	OBF202-15SMM	15												
OBF203-17MM	OBF203-17SMM	17											OBF203 (PFL3)	0.2
OBF201-8	OBF201-8S		1/2	3.19	0.55	0.16	2.32	2.50	.28	.30	1.16	.91		
OBF202-10	OBF202-10S		5/8											
OBF203-11	OBF203-11S		11/16											
OBF204-20MM	OBF204-20SMM	20		90.5	16	4.0	67	71.5	8.0	8.7	32	26	OBF204 (PFL4)	0.3
OBF204-12	OBF204-12S		3/4	3.56	0.63	0.16	2.64	2.81	0.31	0.34	1.26	1.02		
OBF205-25MM	OBF205-25SMM	25		95.2	18	4.0	71	76	9.0	8.7	32.5	28.5		
OBF205-14	OBF205-14S		7/8	3.75	0.71	0.16	2.80	3.0	0.35	0.34	1.28	1.12	OBF205 (PFL5) OBFLT25*	0.5
OBF205-15	OBF205-15S		15/16											
OBF205-16	OBF205-16S		1											
OBF206-30MM	OBF206-30SMM	30		112.7	19	5.2	84	90.5	9.0	10.5	36.7	31		
OBF206-18	OBF206-18S		1-1/8	4.44	0.75	0.21	3.31	3.56	0.35	0.41	1.44	1.22	OBF206 (PFL6)	0.7
OBF206-19	OBF206-19S		1-3/16											
OBF206-20	OBF206-20S		1-1/4											
OBF207-35MM	OBF207-35SMM	35		123	22	5.2	93.7	100	10.5	10.5	40.9	34		
OBF207-20	OBF207-20S		1-1/4	4.84	0.87	0.21	3.69	3.94	0.41	0.41	1.61	1.34	OBF207 (PFL7)	0.9
OBF207-22	OBF207-22S		1-3/8											
OBF207-23	OBF207-23S		1-7/16											

*Note: Flat back OBFLT25 housing available this size only.

Pressed Steel Flange with Rubber Isolator

OBFR 200 Silver Series

Normal Duty

Rubber Isolated Insert: Non-Conductive

2 pcs Steel Housing

Set Screw and Eccentric Lock

Metric and Inch Bores

The Non-Conductive Rubber Isolator fits snugly over the bearing and is clamped between the flanges to cushion vibration.



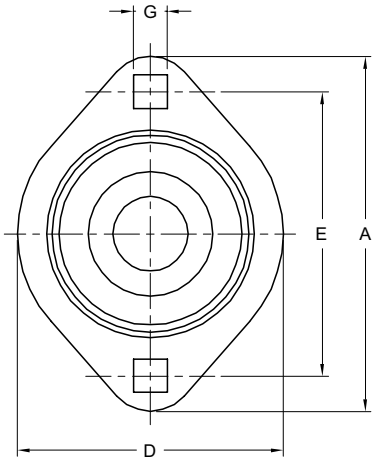
Rubber Isolater

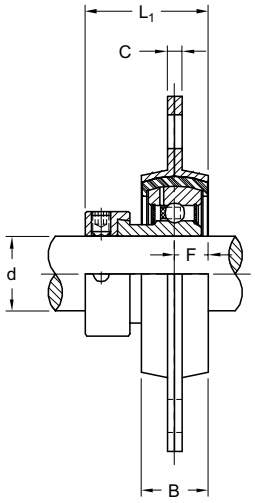
Eccentric Lock



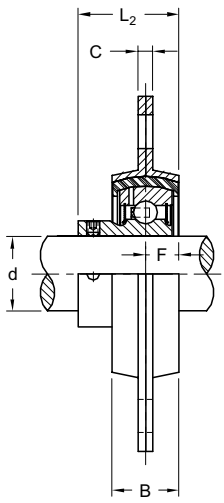
Set Screw Lock







Eccentric Lock
SA Bearing



Set Screw Lock
SB Bearing

Part No.		Shaft Size d		Dimensions (mm) (in)									Housing No.	Rubber Isolator Part No.	Eccentric Lock Bearing	Set Screw Bearing	Wt. kg
Eccentric	Set Screw	mm	in	A	B	C	D	E	F	G	L_1	L_2					
OBFR204-20MM	OBFR204-20SMM	20		95.2	18	4.0	71	76	9.0	8.7	32.5	28.5	OBF205 (PFL5)	RBR4	SA204-20MM	SB204-20MM	0.3
OBFR204-12	OBFR204-12S		3/4	3.75	0.72	0.16	2.80	3.0	0.35	0.34	1.28	1.12			SA204-12	SB204-12	
OBFR205-25MM	OBFR205-25SMM	25		112.7	19	5.2	84	90.5	9.0	10.5	36.7	31	OBF206 (PFL6)	RBR5	SA205-25MM	SB205-25MM	0.5
OBFR205-14	OBFR205-14S		7/8	4.44	0.75	0.21	3.31	3.56	0.35	0.41	1.44	1.22			SA205-14	SB205-14	
OBFR205-15	OBFR205-15S		15/16												SA205-15	SB205-15	
OBFR205-16	OBFR205-16S		1												SA205-16	SB205-16	
OBFR206-30MM	OBFR206-30SMM	30		123	22	5.2	93.7	100	10.5	10.5	40.9	34	OBF207 (PFL7)	RBR6	SA206-30MM	SB206-30MM	0.7
OBFR206-18	OBFR206-18S		1-1/8	4.84	0.87	0.21	3.69	3.94	0.41	0.41	1.61	1.34			SA206-18	SB206-18	
OBFR206-19	OBFR206-19S		1-3/16												SA206-19	SB206-19	
OBFR206-20	OBFR206-20S		1-1/4												SA206-20	SB206-20	

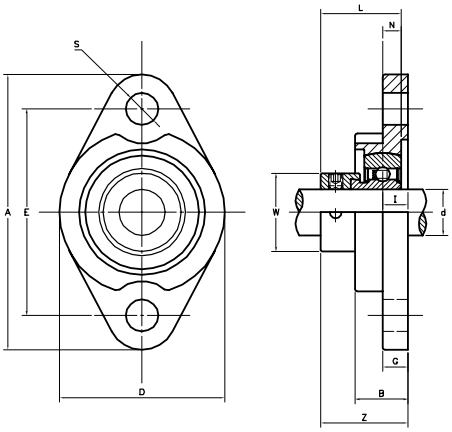
Light Duty 2-Bolt Flange

UFL 000 Silver Series

Extra Narrow Width Eccentric Collar Lock

Rustproof zinc alloy housings.
Bearings are high carbon chromium bearing steel.





Part No.	Shaft Size d		Dimensions - (mm)											Bolt Size mm	Bearing No.	Housing No.	Wt. kg
	mm	in	A	E	I	G	B	S	D	Z	L	N	W				
UFL000-10MM	10	—	60	45	5.5	5.5	11.5	7	36	19	17.5	4	17	M 6	U000-10MM	FL000	0.1
UFL001-12MM	12	—	63	48	5.5	5.5	11.5	7	38	19	17.5	4	19	M 6	U001-12MM	FL001	0.1
UFL002-15MM	15	—	67	53	6.5	6.5	13	7	42	20.5	18.5	4.5	22	M 6	U002-15MM	FL002	0.1
UFL003-17MM	17	—	71	56	7	7	14	7	46	22.5	20.5	5	25	M 6	U003-17MM	FL003	0.2
UFL004-20MM	20	—	90	71	8	8	16	10	55	26.5	24.5	6	30	M 8	U004-20MM	FL004	0.2
UFL004-12		3/4													U004-12		
UFL005-25MM	25	—	95	75	8	8	16	10	60	27.5	25.5	6	36	M 8	U005-25MM	FL005	0.2
UFL005-16		1													U005-16		
UFL006-30MM	30	—	112	85	9	9	18	13	70	29	26.5	6.5	42	M 10	U006-30MM	FL006	0.3

KFL 000 Silver Series

Extra Narrow Width Set Screw Lock

Stainless Steel Option

Rustproof zinc alloy housings.
Bearings are high carbon chromium bearing steel.

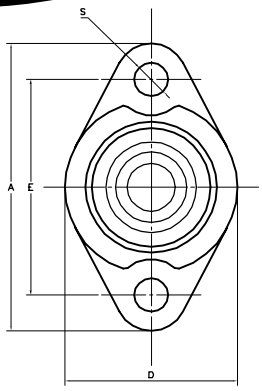


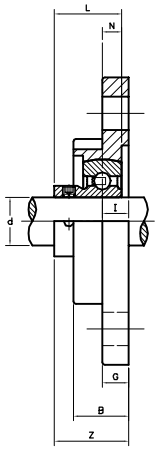
Standard



Corrosion Resistant

Corrosion Resistant Plated Housing & Stainless Steel Insert also available. Add "CR" suffix to part no. when ordering.





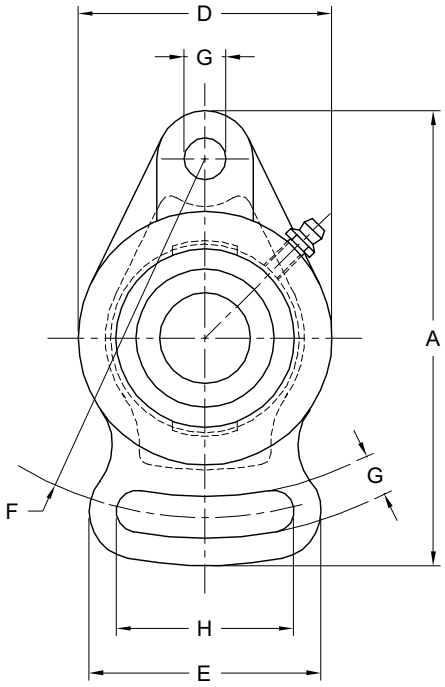
Standard Part No.	Corrosion Resistant Part No.	Shaft d		Dimensions (mm)										Bolt Size mm	Standard Bearing No.	Stainless Bearing No.	Hsg No.	Wt. kg
		mm	in	A	E	I	G	B	S	D	Z	L	N					
KFL000-10MM	KFL000-10MM-CR	10	—	60	45	5.5	5.5	11.5	7	36	15.5	14	4	M 6	K000-10MM	K000-10MM-CR	FL000	0.1
KFL001-12MM	KFL001-12MM-CR	12	—	63	48	5.5	5.5	11.5	7	38	16	14.5	4	M 6	K001-12MM	K001-12MM-CR	FL001	0.1
KFL002-15MM	KFL002-15MM-CR	15	—	67	53	6.5	6.5	13	7	42	18.6	16.5	4.5	M 6	K002-15MM	K002-15MM-CR	FL002	0.1
KFL003-17MM	KFL003-17MM-CR	17	—	71	56	7	7	14	7	46	19.5	17.5	5	M 6	K003-17MM	K003-17MM-CR	FL003	0.2
KFL004-20MM	KFL004-20MM-CR	20	—	90	71	8	8	16	10	55	23	21	6	M 8	K004-20MM	K004-20MM-CR	FL004	0.2
KFL004-12	KFL004-12-CR		3/4												K004-12	K004-12-CR		
KFL005-25MM	KFL005-25MM-CR	25	—	95	75	8	8	16	10	60	24.5	22.5	6	M 8	K005-25MM	K005-25MM-CR	FL005	0.2
KFL005-16	KFL005-16-CR		1												K005-16	K005-16-CR		
KFL006-30MM	KFL006-30MM-CR	30	—	112	85	9	9	18	13	70	27	24.5	6.5	M 10	K006-30MM	K006-30MM-CR	FL006	0.3

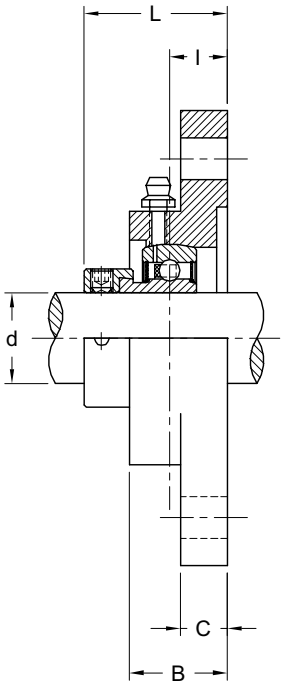
Swivel Flange

WSFL 200 Gold Series

Normal Duty Beairng
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L			
WSFL204 x 20MM	20		112	26	12	60	50	90	11	40	12.8	36.8	SA204 x 20MM	WSFL204	0.6
WSFL204 x 3/4		3/4	4.41	1.02	0.47	2.36	1.97	3.54	0.43	1.57	0.50	1.45	SA204 x 3/4		
WSFL205 x 25MM	25		124	27	13	70	65	96	13	49	14.4	37.9	SA205 x 25MM	WSFL205	0.7
WSFL205 x 7/8		7/8	4.88	1.06	0.51	2.76	2.56	3.78	0.51	1.93	0.57	1.49	SA205 x 7/8		
WSFL205 x 15/16		15/16											SA205 x 15/16		
WSFL205 x 1		1											SA205 x 1		
WSFL206 x 30MM	30		141	31	14	80	68	117	13	53	16.1	43.8	SA206 x 30MM	WSFL206	1.0
WSFL206 x 1-1/8		1-1/8	5.55	1.22	0.55	3.15	2.67	4.60	0.51	2.09	0.63	1.72	SA206 x 1-1/8		
WSFL206 x 1-3/16		1-3/16											SA206 x 1-3/16		
WSFL206 x 1-1/4		1-1/4											SA206 x 1-1/4		
WSFL207 x 35MM	35		155	34	15	90	75	128	15	60	17.6	48.0	SA207 x 35MM	WSFL207	1.4
WSFL207 x 1-1/4		1-1/4	6.10	1.34	0.59	3.54	2.95	5.04	0.59	2.36	0.69	1.89	SA207 x 1-1/4		
WSFL207 x 1-3/8		1-3/8											SA207 x 1-3/8		
WSFL207 x 1-7/16		1-7/16											SA207 x 1-7/16		
WSFL208 x 40MM	40		171	36	16	100	84	142	15	69	19.1	53.8	SA208 x 40MM	WSFL208	1.7
WSFL208 x 1-1/2		1-1/2	6.73	1.42	0.63	3.94	3.31	5.59	0.59	2.72	0.75	2.12	SA208 x 1-1/2		

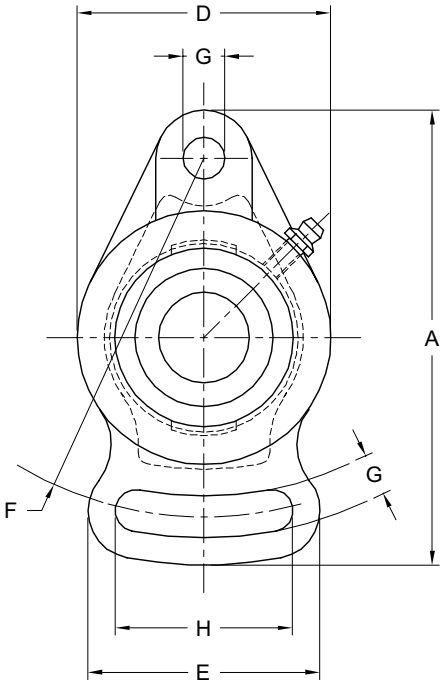
Note: Set Screw and Adapter Lock Bearings also available from stock.

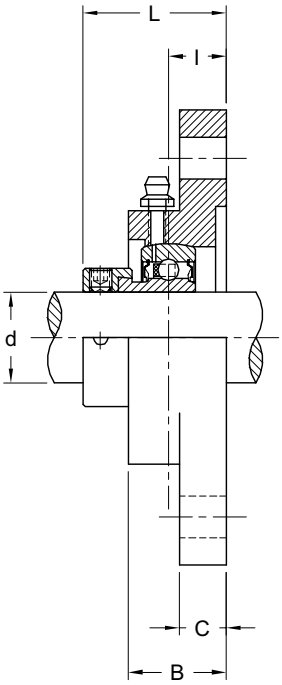
Swivel Flange

WSFL 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L			
WSFL204-20MM	20		112	26	12	60	50	90	11	40	12.8	36.8	SA204-20MM	WSFL204	0.6
WSFL204-12		3/4	4.41	1.02	0.47	2.36	1.97	3.54	0.43	1.57	0.50	1.45	SA204-12		
WSFL205-25MM	25		124	27	13	70	65	96	13	49	14.4	37.9	SA205-25MM	WSFL205	0.7
WSFL205-14		7/8	4.88	1.06	0.51	2.76	2.56	3.78	0.51	1.93	0.57	1.49	SA205-14		
WSFL205-15		15/16											SA205-15		
WSFL205-16		1											SA205-16		
WSFL206-30MM	30		141	31	14	80	68	117	13	53	16.1	43.8	SA206-30MM	WSFL206	1.0
WSFL206-18		1-1/8	5.55	1.22	0.55	3.15	2.67	4.60	0.51	2.09	0.63	1.72	SA206-18		
WSFL206-19		1-3/16											SA206-19		
WSFL206-20		1-1/4											SA206-20		
WSFL207-35MM	35		155	34	15	90	75	128	15	60	17.6	48.0	SA207-35MM	WSFL207	1.4
WSFL207-20		1-1/4	6.10	1.34	0.59	3.54	2.95	5.04	0.59	2.36	0.69	1.89	SA207-20		
WSFL207-22		1-3/8											SA207-22		
WSFL207-23		1-7/16											SA207-23		
WSFL208-40MM	40		171	36	16	100	84	142	15	69	19.1	53.8	SA208-40MM	WSFL208	1.7
WSFL208-24		1-1/2	6.73	1.42	0.63	3.94	3.31	5.59	0.59	2.72	0.75	2.12	SA208-24		

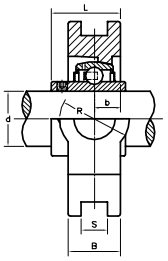
Note: Set Screw and Adapter Lock Bearings also available from stock.

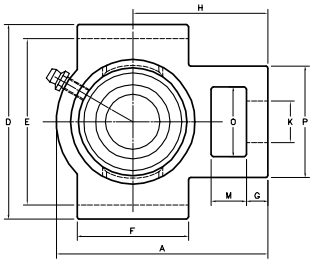
Take-Up

UCT 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
UCT204 x 20MM	20		94	21	10.5	89	76	51	10	61	19	28.75	16	32	51	32	12	UC204 x 20MM	T204	0.94
UCT204 x 3/4		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.13	0.63	1.26	2.01	1.26	0.47	UC204 x 3/4		
UCT205 x 25MM	25		97	24	12	89	76	51	10	62	19	31.78	16	32	51	32	12	UC205 x 25MM	T205	1.02
UCT205 x 7/8		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.25	0.63	1.26	2.01	1.26	0.47	UC205 x 7/8		
UCT205 x 15/16		15/16																UC205 x 15/16		
UCT205 x 1		1																UC205 x 1		
UCT206 x 30MM	30		113	28	14	102	89	57	10	70	22	36.17	16	37	56	37	12	UC206 x 30MM	T206	1.51
UCT206 x 1-1/8		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.42	0.63	1.46	2.20	1.46	0.47	UC206 x 1-1/8		
UCT206 x 1-3/16		1-3/16																UC206 x 1-3/16		
UCT206 x 1-1/4		1-1/4																UC206 x 1-1/4		
UCT207 x 35MM	35		129	30	15	102	89	64	13	78	22	40.37	16	37	64	37	12	UC207 x 35MM	T207	1.87
UCT207 x 1-1/4		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.59	0.63	1.46	2.52	1.46	0.47	UC207 x 1-1/4		
UCT207 x 1-3/8		1-3/8																UC207 x 1-3/8		
UCT207 x 1-7/16		1-7/16																UC207 x 1-7/16		
UCT208 x 40MM	40		144	33	16.5	114	102	83	16	88	29	46.6	19	49	83	49	16	UC208 x 40MM	T208	2.73
UCT208 x 1-1/2		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	1.83	0.75	1.93	3.27	1.93	0.63	UC208 x 1-1/2		
UCT209 x 45MM	45		144	35	17.5	117	102	83	16	87	29	47.8	19	49	83	49	16	UC209 x 45MM	T209	2.88
UCT209 x 1-5/8		1-5/8	5.67	1.38	0.65	4.61	4.02	3.27	0.63	3.43	1.14	1.87	0.75	1.93	3.27	1.93	0.63	UC209 x 1-5/8		
UCT209 x 1-11/16		1-11/16																UC209 x 1-11/16		
UCT209 x 1-3/4		1-3/4																UC209 x 1-3/4		
UCT210 x 50MM	50		149	37	18.5	117	102	86	16	90	29	51	19	49	83	49	16	UC210 x 50MM	T210	3.0
UCT210 x 1-7/8		1-7/8	5.87	1.46	0.73	4.61	4.02	3.39	0.63	3.54	1.14	2.01	0.75	1.93	3.27	1.93	0.63	UC210 x 1-7/8		
UCT210 x 1-15/16		1-15/16																UC210 x 1-15/16		
UCT210 x 2		2																UC210 x 2		
UCT211 x 55MM	55		171	38	19	146	130	95	19	106	35	52.4	25	64	102	64	22	UC211 x 55MM	T211	4.67
UCT211 x 2		2	6.73	1.50	0.75	5.75	5.12	3.74	0.75	4.17	1.38	2.06	0.98	2.52	4.02	2.52	0.87	UC211 x 2		
UCT211 x 2-1/8		2-1/8																UC211 x 2-1/8		
UCT211 x 2-3/16		2-3/16																UC211 x 2-3/16		
UCT212 x 60MM	60		194	42	21	146	130	102	19	119	35	60.6	32	64	102	64	22	UC212 x 60MM	T212	5.7
UCT212 x 2-1/4		2-1/4	7.64	1.65	0.83	5.75	5.12	4.02	0.75	4.69	1.38	2.39	1.26	2.52	4.02	2.52	0.87	UC212 x 2-1/4		
UCT212 x 2-3/8		2-3/8																UC212 x 2-3/8		
UCT212 x 2-7/16		2-7/16																UC212 x 2-7/16		
UCT213 x 65MM	65		224	44	22	167	151	121	21	137	41	61.6	32	70	111	70	26	UC213 x 65MM	T213	7.68
UCT213 x 2-1/2		2-1/2	8.82	1.73	0.87	6.57	5.94	4.76	0.83	5.39	1.61	2.43	1.26	2.76	4.37	2.76	1.02	UC213 x 2-1/2		
UCT214 x 70MM	70		224	46	23	167	151	121	21	137	41	67.3	32	70	111	70	26	UC214 x 70MM	T214	7.74
UCT214 x 2-11/16		2-11/16	8.82	1.81	0.91	6.57	5.94	4.76	0.83	5.39	1.61	2.65	1.26	2.76	4.37	2.76	1.02	UC214 x 2-11/16		
UCT214 x 2-3/4		2-3/4																UC214 x 2-3/4		
UCT215 x 75MM	75		232	48	24	167	151	121	21	140	41	68.5	32	70	111	70	26	UC215 x 75MM	T215	8.51
UCT215 x 2-15/16		2-15/16	9.13	1.89	0.94	6.57	5.94	4.76	0.83	5.51	1.61	2.70	1.26	2.76	4.37	2.76	1.02	UC215 x 2-15/16		
UCT215 x 3		3																UC215 x 3		
UCT216 x 80MM	80		235	51	25.5	184	165	121	21	140	41	74.7	32	70	111	70	26	UC216 x 80MM	T216	9.4
UCT216 x 3-1/8		3-1/8	9.25	2.01	1.00	7.24	6.50	4.76	0.83	5.51	1.61	2.94	1.26	2.76	4.37	2.76	1.02	UC216 x 3-1/8		
UCT220 x 100MM	100	--	295	60	30	240	215	160	30	180	47	79.5	40	80	130	90	28	UC220 x 100MM	T220	15.50

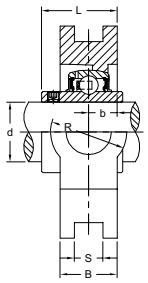
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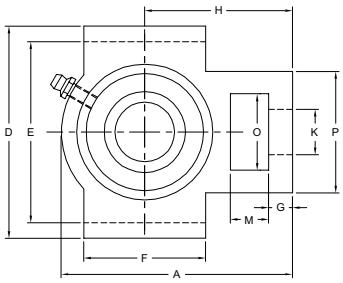
Take-Up

UCT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
UCT204-20MM UCT204-12	20	 3/4	94 3.70	21 0.83	10.5 0.41	89 3.50	76 2.99	51 2.01	10 0.39	61 2.40	19 0.75	28.75 1.13	16 0.63	32 1.26	51 2.01	32 1.26	12 0.47	UC204-20MM UC204-12	T204	0.94
UCT205-25MM UCT205-14 UCT205-15 UCT205-16	25	 7/8 15/16 1	97 3.82	24 0.94	12 0.47	89 3.50	76 2.99	51 2.01	10 0.39	62 2.44	19 0.75	31.78 1.25	16 0.63	32 1.26	51 2.01	32 1.26	12 0.47	UC205-25MM UC205-14 UC205-15 UC205-16	T205	1.02
UCT206-30MM UCT206-18 UCT206-19 UCT206-20	30	 1-1/8 1-3/16 1-1/4	113 4.45	28 1.10	14 0.55	102 4.02	89 3.50	57 2.24	10 0.39	70 2.76	22 0.87	36.17 1.42	16 0.63	37 1.46	56 2.20	37 1.46	12 0.47	UC206-30MM UC206-18 UC206-19 UC206-20	T206	1.51
UCT207-35MM UCT207-20 UCT207-22 UCT207-23	35	 1-1/4 1-3/8 1-7/16	129 5.08	30 1.18	15 0.59	102 4.02	89 3.50	64 2.52	13 0.51	78 3.07	22 0.87	40.37 1.59	16 0.63	37 1.46	64 2.52	37 1.46	12 0.47	UC207-35MM UC207-20 UC207-22 UC207-23	T207	1.87
UCT208-40MM UCT208-24	40	 1-1/2	144 5.67	33 1.30	16.5 0.65	114 4.49	102 4.02	83 3.27	16 0.63	88 3.46	29 1.14	46.6 1.83	19 0.75	49 1.93	83 3.27	49 1.93	16 0.63	UC208-40MM UC208-24	T208	2.73
UCT209-45MM UCT209-26 UCT209-27 UCT209-28	45	 1-5/8 1-11/16 1-3/4	144 5.67	35 1.38	17.5 0.65	117 4.61	102 4.02	83 3.27	16 0.63	87 3.43	29 1.14	47.8 1.87	19 0.75	49 1.93	83 3.27	49 1.93	16 0.63	UC209-45MM UC209-26 UC209-27 UC209-28	T209	2.88
UCT210-50MM UCT210-30 UCT210-31 UCT210-32	50	 1-7/8 1-15/16 2	149 5.87	37 1.46	18.5 0.73	117 4.61	102 4.02	86 3.39	16 0.63	90 3.54	29 1.14	51 2.01	19 0.75	49 1.93	83 3.27	49 1.93	16 0.63	UC210-50MM UC210-30 UC210-31 UC210-32	T210	3.0
UCT211-55MM UCT211-32 UCT211-34 UCT211-35	55	 2 2-1/8 2-3/16	171 6.73	38 1.50	19 0.75	146 5.75	130 5.12	95 3.74	19 0.75	106 4.17	35 1.38	52.4 2.06	25 0.98	64 2.52	102 4.02	64 2.52	22 0.87	UC211-55MM UC211-32 UC211-34 UC211-35	T211	4.67
UCT212-60MM UCT212-36 UCT212-38 UCT212-39	60	 2-1/4 2-3/8 2-7/16	194 7.64	42 1.65	21 0.83	146 5.75	130 5.12	102 4.02	19 0.75	119 4.69	35 1.38	60.6 2.39	32 1.26	64 2.52	102 4.02	64 2.52	22 0.87	UC212-60MM UC212-36 UC212-38 UC212-39	T212	5.7
UCT213-65MM UCT213-40	65	 2-1/2	224 8.82	44 1.73	22 0.87	167 6.57	151 5.94	121 4.76	21 0.83	137 5.39	41 1.61	61.6 2.43	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	UC213-65MM UC213-40	T213	7.68
UCT214-70MM UCT214-43 UCT214-44	70	 2-11/16 2-3/4	224 8.82	46 1.81	23 0.91	167 6.57	151 5.94	121 4.76	21 0.83	137 5.39	41 1.61	67.3 2.65	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	UC214-70MM UC214-43 UC214-44	T214	7.74
UCT215-75MM UCT215-47 UCT215-48	75	 2-15/16 3	232 9.13	48 1.89	24 0.94	167 6.57	151 5.94	121 4.76	21 0.83	140 5.51	41 1.61	68.5 2.70	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	UC215-75MM UC215-47 UC215-48	T215	8.51
UCT216-80MM UCT216-50	80	 3-1/8	235 9.25	51 2.01	25.5 1.00	184 7.24	165 5.94	121 4.76	21 0.83	140 5.51	41 1.61	74.7 2.94	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	UC216-80MM UC216-50	T216	9.4
UCT217-85MM UCT217-52	85	 3-1/4	260 10.24	54 2.13	27 1.06	198 7.80	173 6.81	157 6.18	29 1.14	150 5.91	48 1.89	78.6 3.09	38 1.5	73 2.87	124 4.98	73 2.87	30 1.18	UC217-85MM UC217-52	T217	12.06
UCT218-90MM UCT218-56	90	 3-1/2	275 10.83	55 2.17	27.5 1.08	215 8.46	190 7.18	140 5.51	30 1.18	160 6.30	48 1.89	83.8 3.30	40 1.57	80 3.15	130 5.42	80 3.15	30 1.18	UC218-90MM UC218-56	T218	14.82
UCT220-100MM	100	--	295	60	30	240	215	160	30	180	47	79.5	40	80	130	90	28	UC220-100MM	T220	15.50

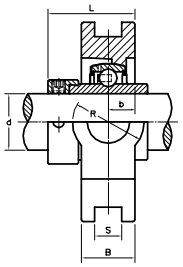
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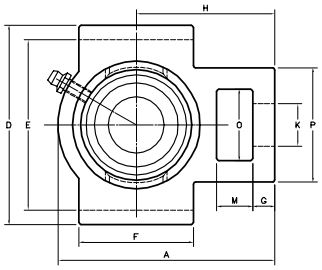
Take-Up

HCT 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
HCT204 x 20MM HCT204 x 3/4	20	3/4	94 3.70	21 0.83	10.5 0.41	89 3.50	76 2.99	51 2.01	10 0.39	61 2.40	19 0.75	37.1 1.46	16 0.63	32 1.26	51 2.01	32 1.26	12 0.47	HC204 x 20MM HC204 x 3/4	T204	0.7
HCT205 x 25MM HCT205 x 7/8 HCT205 x 15/16 HCT205 x 1	25	7/8 15/16 1	97 3.82	24 0.94	12 0.47	89 3.50	76 2.99	51 2.01	10 0.39	62 2.44	19 0.75	38.9 1.53	16 0.63	32 1.26	51 2.01	32 1.26	12 0.47	HC205 x 25MM HC205 x 7/8 HC205 x 15/16 HC205 x 1	T205	1.0
HCT206 x 30MM HCT206 x 1-1/8 HCT206 x 1-3/16 HCT206 x 1-1/4	30	1-1/8 1-3/16 1-1/4	113 4.45	28 1.10	14 0.55	102 4.02	89 3.50	57 2.24	10 0.39	70 2.76	22 0.87	44.1 1.74	16 0.63	37 1.46	56 2.20	37 1.46	12 0.47	HC206 x 30MM HC206 x 1-1/8 HC206 x 1-3/16 HC206 x 1-1/4	T206	1.6
HCT207 x 35MM HCT207 x 1-1/4 HCT207 x 1-3/8 HCT207 x 1-7/16	35	1-1/4 1-3/8 1-7/16	129 5.08	30 1.18	15 0.59	102 4.02	89 3.50	64 2.52	13 0.51	78 3.07	22 0.87	47.3 1.86	16 0.63	37 1.46	64 2.52	37 1.46	12 0.47	HC207 x 35MM HC207 x 1-1/4 HC207 x 1-3/8 HC207 x 1-7/16	T207	2.0
HCT208 x 40MM HCT208 x 1-1/2	40	1-1/2	144 5.67	33 1.38	16.5 0.65	114 4.49	102 4.02	83 3.27	16 0.63	88 3.46	29 1.14	51.4 2.02	19 0.75	49 1.93	83 3.27	49 1.93	16 0.63	HC208 x 40MM HC208 x 1-1/2	T208	2.7
HCT209 x 45MM HCT209 x 1-5/8 HCT209 x 1-11/16 HCT209 x 1-3/4	45	1-5/8 1-11/16 1-3/4	144 5.67	35 1.38	17.5 0.69	117 4.61	102 4.02	83 3.27	16 0.63	87 3.43	29 1.14	52.4 2.06	19 .75	49 1.93	83 3.27	49 1.93	16 0.63	HC209 x 45MM HC209 x 1-5/8 HC209 x 1-11/16 HC209 x 1-3/4	T209	2.9
HCT210 x 50MM HCT210 x 1-7/8 HCT210 x 1-15/16 HCT210 x 2	50	1-7/8 1-15/16 2	149 5.87	37 1.46	18.5 0.73	117 4.61	102 4.02	86 3.39	16 0.63	90 3.54	29 1.14	56.6 2.23	19 0.75	49 1.93	83 3.27	49 1.93	16 0.63	HC210 x 50MM HC210 x 1-7/8 HC210 x 1-15/16 HC210 x 2	T210	3.2
HCT211 x 55MM HCT211 x 2 HCT211 x 2-1/8 HCT211 x 2-3/16	55	2 2-1/8 2-3/16	171 6.73	38 1.50	19 0.75	146 5.75	130 5.12	95 3.74	19 0.75	106 4.17	35 1.38	62.6 2.47	25 0.98	64 2.52	102 4.02	64 2.52	22 0.87	HC211 x 55MM HC211 x 2 HC211 x 2-1/8 HC211 x 2-3/16	T211	4.2
HCT212 x 60MM HCT212 x 2-1/4 HCT212 x 2-3/8 HCT212 x 2-7/16	60	2-1/4 2-3/8 2-7/16	194 7.64	42 1.65	21 0.83	146 5.75	130 5.12	102 4.02	19 0.75	119 4.69	35 1.38	67.8 2.67	32 1.26	64 2.52	102 4.02	64 2.52	22 0.87	HC212 x 60MM HC212 x 2-1/4 HC212 x 2-3/8 HC212 x 2-7/16	T212	5.9
HCT213 x 65MM HCT213 x 2-1/2	65	2-1/2	224 8.82	44 1.73	22 0.87	167 6.57	151 5.94	121 4.76	21 0.83	137 5.39	41 1.61	68.8 2.71	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	HC213 x 65MM HC213 x 2-1/2	T213	7.7
HCT214 x 70MM HCT214 x 2-11/16 HCT214 x 2-3/4	70	2-11/16 2-3/4	224 8.82	46 1.81	23 0.91	167 6.57	151 5.94	121 4.76	21 0.83	137 5.39	41 1.61	74.2 2.92	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	HC214 x 70MM HC214 x 2-11/16 HC214 x 2-3/4	T214	7.8
HCT215 x 75MM HCT215 x 2-15/16 HCT215 x 3	75	2-15/16 3	232 9.13	48 1.89	24 0.94	167 6.57	151 5.94	121 4.76	21 0.83	140 5.51	41 1.61	78.4 3.08	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	HC215 x 75MM HC215 x 2-15/16 HC215 x 3	T215	8.51
HCT216 x 80MM HCT216 x 3-1/8	80	3-1/8	235 9.25	51 2.01	25.5 1.00	184 7.24	165 6.50	121 4.76	21 0.83	140 5.51	41 1.61	85.1 3.35	32 1.26	70 2.76	111 4.37	70 2.76	26 1.02	HC216 x 80MM HC216 x 3-1/8	T216	9.4
HCT218 x 90MM HCT218 x 3-1/2	90	3-1/2	275 10.83	55 2.17	27.5 1.08	215 8.46	190 7.18	140 5.51	30 1.18	160 6.30	48 1.89	90.2 3.55	40 1.57	80 3.15	130 5.12	80 3.15	30 1.18	HC218 x 90MM HC218 x 3-1/2	T218	14.8
HCT220 x 100MM	100	--	295	60	30	240	215	160	30	180	47	79.5	40	80	130	90	28	HC220 x 100MM	T220	15.5

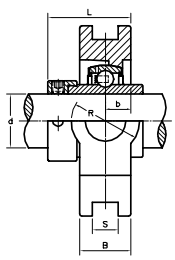
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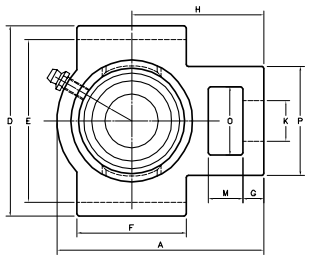
Take-Up

HCT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
HCT204-20MM	20		94	21	10.5	89	76	51	10	61	19	37.1	16	32	51	32	12	HC204-20MM	T204	0.7
HCT204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.46	0.63	1.26	2.01	1.26	0.47	HC204-12		
HCT205-25MM	25		97	24	12	89	76	51	10	62	19	38.9	16	32	51	32	12	HC205-25MM	T205	1.0
HCT205-14		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.53	0.63	1.26	2.01	1.26	0.47	HC205-14		
HCT205-15		15/16																HC205-15		
HCT205-16		1																HC205-16		
HCT206-30MM	30		113	28	14	102	89	57	10	70	22	44.1	16	37	56	37	12	HC206-30MM	T206	1.6
HCT206-18		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.74	0.63	1.46	2.20	1.46	0.47	HC206-18		
HCT206-19		1-3/16																HC206-19		
HCT206-20		1-1/4																HC206-20		
HCT207-35MM	35		129	30	15	102	89	64	13	78	22	47.3	16	37	64	37	12	HC207-35MM	T207	2.0
HCT207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.86	0.63	1.46	2.52	1.46	0.47	HC207-20		
HCT207-22		1-3/8																HC207-22		
HCT207-23		1-7/16																HC207-23		
HCT208-40MM	40		144	33	16.5	114	102	83	16	88	29	51.4	19	49	83	49	16	HC208-40MM	T208	2.7
HCT208-24		1-1/2	5.67	1.38	0.65	4.49	4.02	3.27	0.63	3.46	1.14	2.02	0.75	1.93	3.27	1.93	0.63	HC208-24		
HCT209-45MM	45		144	35	17.5	117	102	83	16	87	29	52.4	19	49	83	49	16	HC209-45MM	T209	2.9
HCT209-26		1-5/8	5.67	1.38	0.69	4.61	4.02	3.27	0.63	3.43	1.14	2.06	.75	1.93	3.27	1.93	0.63	HC209-26		
HCT209-27		1-11/16																HC209-27		
HCT209-28		1-3/4																HC209-28		
HCT210-50MM	50		149	37	18.5	117	102	86	16	90	29	56.6	19	49	83	49	16	HC210-50MM	T210	3.2
HCT210-30		1-7/8	5.87	1.46	0.73	4.61	4.02	3.39	0.63	3.54	1.14	2.23	0.75	1.93	3.27	1.93	0.63	HC210-30		
HCT210-31		1-15/16																HC210-31		
HCT210-32		2																HC210-32		
HCT211-55MM	55		171	38	19	146	130	95	19	106	35	62.6	25	64	102	64	22	HC211-55MM	T211	4.2
HCT211-32		2	6.73	1.50	0.75	5.75	5.12	3.74	0.75	4.17	1.38	2.47	0.98	2.52	4.02	2.52	0.87	HC211-32		
HCT211-34		2-1/8																HC211-34		
HCT211-35		2-3/16																HC211-35		
HCT212-60MM	60		194	42	21	146	130	102	19	119	35	67.8	32	64	102	64	22	HC212-60MM	T212	5.9
HCT212-36		2-1/4	7.64	1.65	0.83	5.75	5.12	4.02	0.75	4.69	1.38	2.67	1.26	2.52	4.02	2.52	0.87	HC212-36		
HCT212-38		2-3/8																HC212-38		
HCT212-39		2-7/16																HC212-39		
HCT213-65MM	65		224	44	22	167	151	121	21	137	41	68.8	32	70	111	70	26	HC213-65MM	T213	7.7
HCT213-40		2-1/2	8.82	1.73	0.87	6.57	5.94	4.76	0.83	5.39	1.61	2.71	1.26	2.76	4.37	2.76	1.02	HC213-40		
HCT214-70MM	70		224	46	23	167	151	121	21	137	41	74.2	32	70	111	70	26	HC214-70MM	T214	7.8
HCT214-43		2-11/16	8.82	1.81	0.91	6.57	5.94	4.76	0.83	5.39	1.61	2.92	1.26	2.76	4.37	2.76	1.02	HC214-43		
HCT214-44		2-3/4																HC214-44		
HCT215-75MM	75		232	48	24	167	151	121	21	140	41	78.4	32	70	111	70	26	HC215-75MM	T215	8.51
HCT215-47		2-15/16	9.13	1.89	0.94	6.57	5.94	4.76	0.83	5.51	1.61	3.08	1.26	2.76	4.37	2.76	1.02	HC215-47		
HCT215-48		3																HC215-48		
HCT216-80MM	80		235	51	25.5	184	165	121	21	140	41	85.1	32	70	111	70	26	HC216-80MM	T216	9.4
HCT216-50		3-1/8	9.25	2.01	1.00	7.24	6.50	4.76	0.83	5.51	1.61	3.35	1.26	2.76	4.37	2.76	1.02	HC216-50		
HCT218-90MM	90		275	55	27.5	215	190	140	30	160	48	90.2	40	80	130	80	30	HC218-90MM	T218	14.8
HCT218-56		3-1/2	10.83	2.17	1.08	8.46	7.18	5.51	1.18	6.30	1.89	3.55	1.57	3.15	5.12	3.15	1.18	HC218-56		
HCT220-100MM	100	--	295	60	30	240	215	160	30	180	47	79.5	40	80	130	90	28	HC220-100MM	T220	15.5

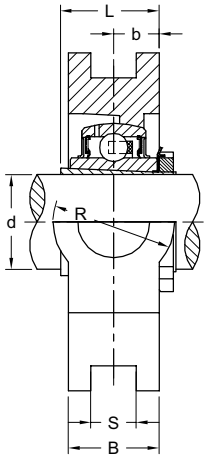
Note: Set Screw and Adapter Lock Bearings also available from stock.

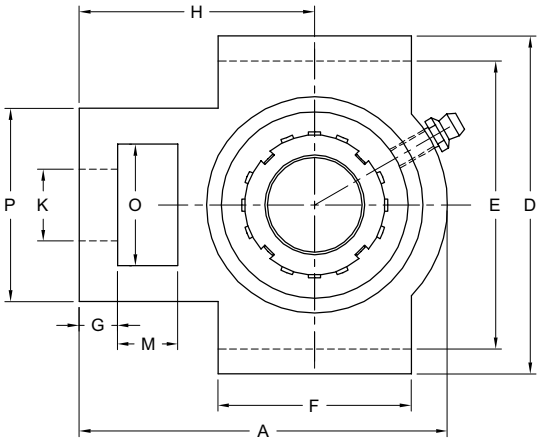
Take-Up

GSHT 200 Silver Series

Thin Adapter Lock
Normal Duty Bearing
Cast Iron Housing
Metric and Inch Bores







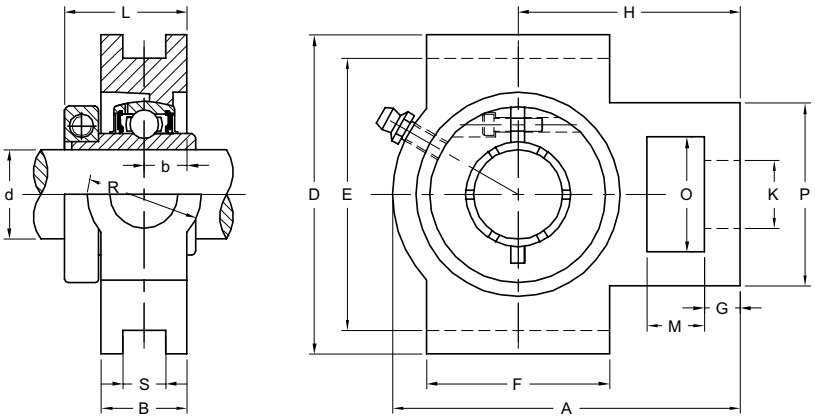
Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Adapter No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S				
GSHT204-20MM	20		94	21	10.5	89	76	51	10	61	19	29.4	16	32	51	32	12	GSH204	H204GSH-20MM	T204	0.94
GSHT204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.16	0.63	1.26	2.01	1.26	0.47		H204GSH-12		
GSHT205-25MM	25		97	24	12	89	76	51	10	62	19	29.0	16	32	51	32	12		H205GSH-25MM		
GSHT205-15		15/16	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.14	0.63	1.26	2.01	1.26	0.47	GSH205	H205GSH-15	T205	1.02
GSHT205-16		1																	H205GSH-16		
GSHT206-30MM	30		113	28	14	102	89	57	10	70	22	36.7	16	37	56	37	12	GSH206	H206GSH-30MM	T206	1.51
GSHT206-19		1-3/16	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.44	0.63	1.46	2.20	1.46	0.47		H206GSH-19		
GSHT207-35MM	35		129	30	15	102	89	64	13	78	22	39.6	16	37	64	37	12		H207GSH-35MM		
GSHT207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.56	0.63	1.46	2.52	1.46	0.47	GSH207	H207GSH-20	T207	1.87
GSHT207-22		1-3/8																	H207GSH-22		
GSHT208-40MM	40		144	33	16.5	114	102	83	16	88	29	44.4	19	49	83	49	16	GSH208	H208GSH-40MM	T208	2.73
GSHT208-24		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	1.75	0.75	1.93	3.27	1.93	0.63		H208GSH-24		
GSHT209-45MM	45		144	35	17.5	117	102	83	16	87	29	45.1	19	49	83	49	16	GSH209	H209GSH-45MM	T209	2.88
GSHT209-28		1-3/4	5.67	1.38	0.65	4.61	4.02	3.27	0.63	3.43	1.14	1.78	0.75	1.93	3.27	1.93	0.63		H209GSH-28		
GSHT210-50MM	50		149	37	18.5	117	102	86	16	90	29	44.9	19	49	83	49	16		H210GSH-50MM		
GSHT210-31		1-15/16	5.87	1.46	0.73	4.61	4.02	3.39	0.63	3.54	1.14	1.77	0.75	1.93	3.27	1.93	0.63	GSH210	H210GSH-31	T210	3.0
GSHT210-32		2																	H210GSH-32		

Take-Up

CLT 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores





The locking collar provides for a concentric fit to the shaft

Part No.	Shaft Size d		Dimensions (mm) (in)														Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
CLT204-20MM	20		94	21	10.5	89	76	51	10	61	19	30.3	16	32	51	32	12	CL204-20MM	T204	0.76
CLT204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.20	0.63	1.26	2.01	1.26	0.47	CL204-12		
CLT205-25MM	25		97	24	12	89	76	51	10	62	19	34.2	16	32	51	32	12	CL205-25MM	T205	0.97
CLT205-14		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.35	0.63	1.26	2.01	1.26	0.47	CL205-14		
CLT205-15		15/16																CL205-15		
CLT205-16		1																CL205-16		
CLT206-30MM	30		113	28	14	102	89	57	10	70	22	37.8	16	37	56	37	12	CL206-30MM	T206	1.31
CLT206-18		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.49	0.63	1.46	2.20	1.46	0.47	CL206-18		
CLT206-19		1-3/16																CL206-19		
CLT206-20		1-1/4																CL206-20		
CLT207-35MM	35		129	30	15	102	89	64	13	78	22	42.0	16	37	64	37	12	CL207-35MM	T207	1.43
CLT207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.65	0.63	1.46	2.52	1.46	0.47	CL207-20		
CLT207-22		1-3/8																CL207-22		
CLT207-23		1-7/16																CL207-23		
CLT208-40MM	40		144	33	16.5	114	102	83	16	88	29	48.3	19	49	83	49	16	CL208-40MM	T208	2.14
CLT208-24		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	1.90	0.75	1.93	3.27	1.93	0.63	CL208-24		
CLT209-45MM	45		144	35	17.5	117	102	83	16	87	29	49.3	19	49	83	49	16	CL209-45MM	T209	2.21
CLT209-26		1-5/8	5.67	1.38	0.65	4.61	4.02	3.27	0.63	3.43	1.14	1.94	0.75	1.93	3.27	1.93	0.63	CL209-26		
CLT209-27		1-11/16																CL209-27		
CLT209-28		1-3/4																CL209-28		
CLT210-50MM	50		149	37	18.5	117	102	86	16	90	29	52.6	19	49	83	49	16	CL210-50MM	T210	2.29
CLT210-31		1-15/16	5.87	1.46	0.73	4.61	4.02	3.39	0.63	3.54	1.14	2.07	0.75	1.93	3.27	1.93	0.63	CL210-31		
CLT210-32		2																CL210-32		
CLT211-55MM	55		171	38	19	146	130	95	19	106	35	53.9	25	64	102	64	22	CL211-55MM	T211	3.59
CLT211-32		2	6.73	1.50	0.75	5.75	5.12	3.74	0.75	4.17	1.38	2.12	0.98	2.52	4.02	2.52	0.87	CL211-32		
CLT211-34		2-1/8																CL211-34		
CLT211-35		2-3/16																CL211-35		
CLT212-60MM	60		194	42	21	146	130	102	19	119	35	62.3	32	64	102	64	22	CL212-60MM	T212	4.75
CLT212-36		2-1/4	7.64	1.65	0.83	5.75	5.12	4.02	0.75	4.69	1.38	2.45	1.26	2.52	4.02	2.52	0.87	CL212-36		
CLT212-38		2-3/8																CL212-38		
CLT212-39		2-7/16																CL212-39		

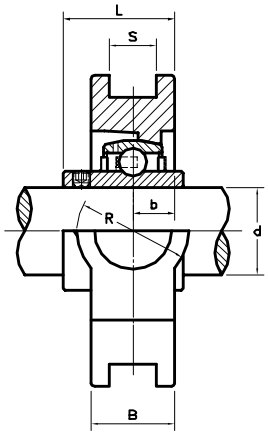
Note: Other sizes available on request.

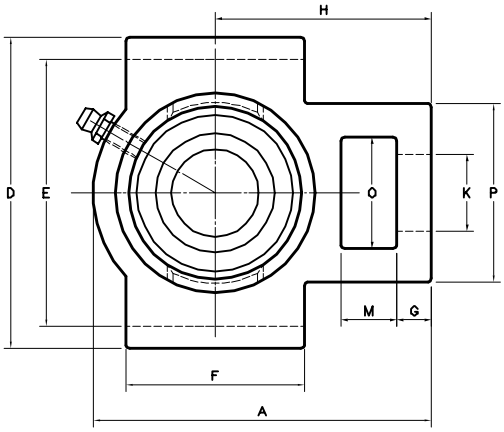
Wide Slot Take-Up

WS 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
WS204 x 20UMM	20		94	24	12	89	76.2	51	10	60.3	19	30.2	16	32	51	51	13.5	UC204 x 20MM	WS204	0.7
WS204 x 3/4U		3/4	3.68	0.94	.47	3.5	3.0	2.0	0.37	2.37	0.75	1.2	0.62	1.25	2.0	2.0	0.531	UC204 x 3/4		
WS205 x 25UMM	25		97	24	12	89	76.2	51	10	62	22	31.8	16	32	51	51	13.5	UC205 x 25MM		
WS205 x 7/8U		7/8	3.81	0.94	.47	3.5	3.0	2.0	0.37	2.44	0.87	1.3	0.62	1.25	2.0	2.0	0.531	UC205 x 7/8	WS205	1.0
WS205 x 15/16U		15/16																UC205 x 15/16		
WS205 x 1U		1																UC205 x 1		
WS206 x 30UMM	30		113	28	14	102	89	57	10	70	22	34.2	16	36.5	56	56	13.5	UC206 x 30MM		
WS206 x 1-1/8U		1-1/8	4.44	1.10	0.55	4.0	3.5	2.25	0.37	2.75	0.87	1.35	0.62	1.44	2.19	2.19	0.531	UC206 x 1-1/8	WS206	1.6
WS206 x 1-3/16U		1-3/16																UC206 x 1-3/16		
WS206 x 1-1/4U		1-1/4																UC206 x 1-1/4		
WS207 x 35UMM	35		129	30	15	102	89	63.5	13	78	22	40.4	16	36.5	64	64	13.5	UC207 x 35MM		
WS207 x 1-1/4U		1-1/4	5.06	1.19	.59	4.0	3.5	2.5	0.5	3.06	0.87	1.60	0.62	1.44	2.5	2.5	0.531	UC207 x 1-1/4	WS207	2.0
WS207 x 1-3/8U		1-3/8																UC207 x 1-3/8		
WS207 x 1-7/16U		1-7/16																UC207 x 1-7/16		
WS208 x 40UMM	40		144	35	17.50	114.3	102	82.5	16	89	28	47.7	19	49	83	83	17.5	UC208 x 40MM	WS208	2.7
WS208 x 1-1/2U		1-1/2	5.68	1.38	.69	4.5	4.0	3.25	0.62	3.50	1.12	1.88	0.75	1.94	3.25	3.25	0.688	UC208 x 1-1/2		
WS209 x 45UMM	45		144	35	17.5	117	102	82.5	16	87	28	47.7	19	49	83	83	17.5	UC209 x 45MM		
WS209 x 1-5/8U		1-5/8	5.68	1.38	.69	4.62	4.0	3.25	0.62	3.44	1.26	1.88	0.75	1.94	3.25	3.25	0.688	UC209 x 1-5/8	WS209	2.9
WS209 x 1-11/16U		1-11/16																UC209 x 1-11/16		
WS209 x 1-3/4U		1-3/4																UC209 x 1-3/4		
WS210 x 5UMM	50		149	37	18.50	117	102	85.7	16	90	28	50.1	19	49	83	83	17.5	UC210 x 50MM		
WS210 x 1-7/8U		1-7/8	5.88	1.46	.73	4.62	4.0	3.38	0.62	3.56	1.12	1.97	0.75	1.94	8.23	3.25	0.688	UC210 x 1-7/8	WS210	3.2
WS210 x 1-15/16U		1-15/16																UC210 x 1-15/16		
WS210 x 2U		2																UC210 x 2		
WS211 x 55UMM	55		171	38	19	146	130	95	19	106	35	53.9	25.4	63.5	102	102	27	UC211 x 55MM		
WS211 x 2U		2	6.75	1.50	0.25	5.75	5.125	3.75	0.75	4.19	1.37	2.12	1.0	2.5	4.0	4.0	1.06	UC211 x 2	WS211	4.2
WS211 x 2-1/8U		2-1/8																UC211 x 2-1/8		
WS211 x 2-3/16U		2-3/16																UC211 x 2-3/16		
WS212 x 60UMM	60		194	46	23	146	130	102	19	119	35	62.7	32	63.5	102	102	27	UC212 x 60MM		
WS212 x 2-1/4U		2-1/4	7.63	1.81	.91	5.75	5.125	4.0	0.75	4.69	1.37	2.17	1.25	2.5	4.0	4.0	1.06	UC212 x 2-1/4	WS212	5.9
WS212 x 2-3/8U		2-3/8																UC212 x 2-3/8		
WS212 x 2-7/16U		2-7/16																UC212 x 2-7/16		

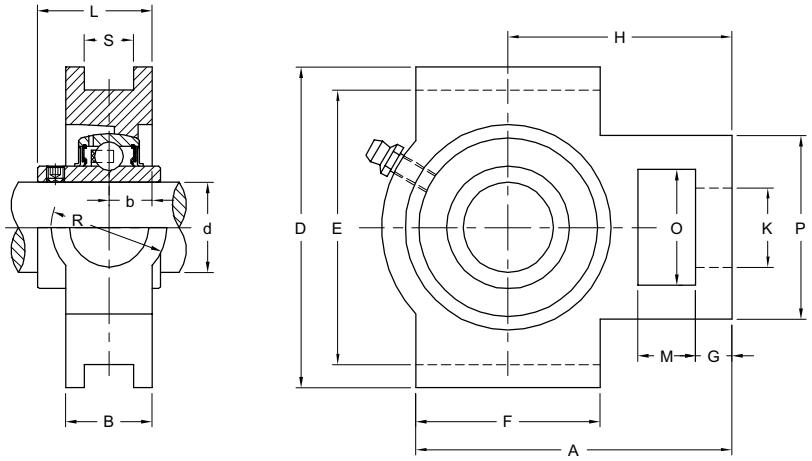
Note: Eccentric and Adapter Lock Bearings also available from stock.

Wide Slot Take-Up

WS 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
WS204-20UMM	20		94	24	12	89	76.2	51	10	60.3	19	30.3	16	32	51	51	13.5	UC204-20MM	WS204	0.7
WS204-12U		3/4	3.68	0.94	.47	3.5	3.0	2.0	0.37	2.37	0.75	1.19	0.62	1.25	2.0	2.0	0.531	UC204-12		
WS205-25UMM	25		97	24	12	89	76.2	51	10	62	22	31.8	16	32	51	51	13.5	UC205-25MM		
WS205-14U		7/8	3.81	0.94	.47	3.5	3.0	2.0	0.37	2.44	0.87	1.25	0.62	1.25	2.0	2.0	0.531	UC205-14	WS205	1.0
WS205-15U		15/16																UC205-15		
WS205-16U		1																UC205-16		
WS206-30UMM	30		113	28	14	102	89	57	10	70	22	34.2	16	36.5	56	56	13.5	UC206-30MM		
WS206-18U		1-1/8	4.44	1.10	0.55	4.0	3.5	2.25	0.37	2.75	0.87	1.59	0.62	1.44	2.19	2.19	0.531	UC206-18	WS206	1.6
WS206-19U		1-3/16																UC206-19		
WS206-20U		1-1/4																UC206-20		
WS207-35UMM	35		129	30	15	102	89	63.5	13	78	22	40.4	16	36.5	64	64	13.5	UC207-35MM		
WS207-20U		1-1/4	5.06	1.19	.59	4.0	3.5	2.5	0.5	3.06	0.87	1.60	0.62	1.44	2.5	2.5	0.531	UC207-20	WS207	2.0
WS207-22U		1-3/8																UC207-22		
WS207-23U		1-7/16																UC207-23		
WS208-40UMM	40		144	35	17.5	114.3	102	82.5	16	89	28	47.7	19	49	83	83	17.5	UC208-40MM	WS208	2.7
WS208-24U		1-1/2	5.68	1.38	.69	4.5	4.0	3.25	0.62	3.50	1.12	1.88	0.75	1.94	3.25	3.25	0.688	UC208-24		
WS209-45UMM	45		144	35	17.5	117	102	82.5	16	87	28	47.7	19	49	83	83	17.5	UC209-45MM		
WS209-26U		1-5/8	5.68	1.38	.69	4.62	4.0	3.25	0.62	3.44	1.26	1.88	0.75	1.94	3.25	3.25	0.688	UC209-26	WS209	2.9
WS209-27U		1-11/16																UC209-27		
WS209-28U		1-3/4																UC209-28		
WS210-50UMM	50		149	37	18.5	117	102	85.7	16	90	28	50.1	19	49	83	83	17.5	UC210-50MM		
WS210-30U		1-7/8	5.88	1.46	.73	4.62	4.0	3.38	0.62	3.56	1.12	1.97	0.75	1.94	8.23	3.25	0.688	UC210-30	WS210	3.2
WS210-31U		1-15/16																UC210-31		
WS210-32U		2																UC210-32		
WS211-55UMM	55		171	38	19	146	130	95	19	106	35	53.9	25.4	63.5	102	102	27	UC211-55MM		
WS211-32U		2	6.75	1.50	0.25	5.75	5.125	3.75	0.75	4.19	1.37	2.12	1.0	2.5	4.0	4.0	1.06	UC211-32	WS211	4.2
WS211-34U		2-1/8																UC211-34		
WS211-35U		2-3/16																UC211-35		
WS212-60UMM	60		194	46	23	146	130	102	19	119	35	62.7	32	63.5	102	102	27	UC212-60MM		
WS212-36U		2-1/4	7.63	1.81	.91	5.75	5.125	4.0	0.75	4.69	1.37	2.47	1.25	2.5	4.0	4.0	1.06	UC212-36	WS212	5.9
WS212-38U		2-3/8																UC212-38		
WS212-39U		2-7/16																UC212-39		

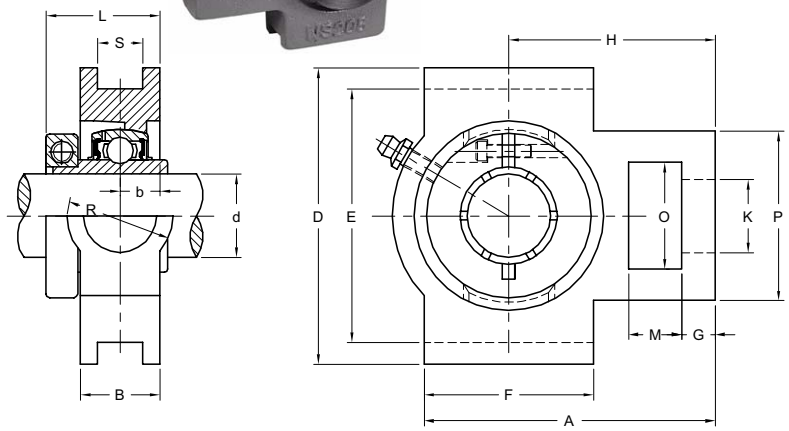
Note: Eccentric and Adapter Lock Bearings also available from stock.

Wide Slot Take-Up

CLWS 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Concentric Locking Collar
Metric and Inch Bores





The locking collar provides for a concentric fit to the shaft

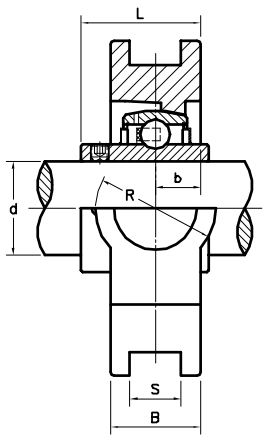
Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
CLWS204-20MM	20		94	21	10.5	89	76	51	10	61	19	30.3	16	32	51	32	13.5	CL204-20MM	WS204	0.7
CLWS204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.20	0.63	1.26	2.01	1.26	0.531	CL204-12		
CLWS205-25MM	25		97	24	12	89	76	51	10	62	19	34.2	16	32	51	32	13.5	CL205-25MM	WS205	1.0
CLWS205-14		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.35	0.63	1.26	2.01	1.26	0.531	CL205-14		
CLWS205-15		15/16																CL205-15		
CLWS205-16		1																CL205-16		
CLWS206-30MM	30		113	28	14	102	89	57	10	70	22	37.8	16	37	56	37	13.5	CL206-30MM	WS206	1.6
CLWS206-18		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.49	0.63	1.46	2.20	1.46	0.531	CL206-18		
CLWS206-19		1-3/16																CL206-19		
CLWS206-20		1-1/4																CL206-20		
CLWS207-35MM	35		129	30	15	102	89	64	13	78	22	42.0	16	37	64	37	13.5	CL207-35MM	WS207	2.0
CLWS207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.65	0.63	1.46	2.52	1.46	0.531	CL207-20		
CLWS207-22		1-3/8																CL207-22		
CLWS207-23		1-7/16																CL207-23		
CLWS208-40MM	40		144	33	16.5	114	102	83	16	88	29	48.3	19	49	83	49	17.5	CL208-40MM	WS208	2.7
CLWS208-24		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	1.90	0.75	1.93	3.27	1.93	0.688	CL208-24		
CLWS209-45MM	45		144	35	17.5	117	102	83	16	87	29	49.3	19	49	83	49	17.5	CL209-45MM	WS209	2.9
CLWS209-26		1-5/8	5.67	1.38	0.65	4.61	4.02	3.27	0.63	3.43	1.14	1.94	0.75	1.93	3.27	1.93	0.688	CL209-26		
CLWS209-27		1-11/16																CL209-27		
CLWS209-28		1-3/4																CL209-28		
CLWS210-50MM	50		149	37	18.5	117	102	86	16	90	29	52.6	19	49	83	49	17.5	CL210-50MM	WS210	3.2
CLWS210-30		1-7/8	5.88	1.46	5.87	1.46	0.73	4.61	4.02	3.39	0.63	3.54	1.14	2.07	0.75	1.93	0.688	CL210-30		
CLWS210-31		1-15/16																CL210-31		
CLWS210-32		2																CL210-32		
CLWS211-55MM	55		171	38	19	146	130	95	19	106	35	53.9	25	64	102	64	27	CL211-55MM	WS211	4.2
CLWS211-32		2	6.73	1.50	0.75	5.75	5.12	3.74	0.75	4.17	1.38	2.12	0.98	2.52	4.02	2.52	1.06	CL211-32		
CLWS211-34		2-1/8																CL211-34		
CLWS211-35		2-3/16																CL211-35		
CLWS212-60MM	60		194	42	21	146	130	102	19	119	35	62.3	32	64	102	64	27	CL212-60MM	WS212	5.9
CLWS212-36		2-1/4	7.64	1.65	0.83	5.75	5.12	4.02	0.75	4.69	1.38	2.45	1.26	2.52	4.02	2.52	1.06	CL212-36		
CLWS212-38		2-3/8																CL212-38		
CLWS212-39		2-7/16																CL212-39		

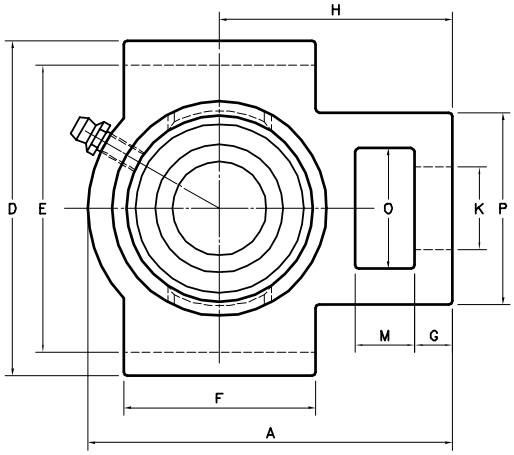
Medium Duty Wide Slot Take-Up

WSX Silver Series

Medium Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores







Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
WSX05-25MM	25		113	28	16	102	89	57	10	70	22	34.2	16	36.5	56	56	13.5	UCX05-25MM	WS206	1.4
WSX05-16		1	4.44	1.10	0.63	4	3.5	2.25	0.375	2.75	0.87	1.35	0.62	1.44	2.188	2.19	0.531	UCX05-16		
WSX06-30MM	30		129	30	17.5	102	89	63.5	13	78	22	40.4	16	36.5	64	64	13.5	UCX06-30MM		
WSX06-18		1-1/8	5.06	1.19	0.69	4	3.5	2.5	0.5	3.06	0.87	1.59	0.62	1.44	2.5	2.5	0.531	UCX06-18	WS207	2.1
WSX06-19		1-3/16																UCX06-19		
WSX06-20		1-1/4																UCX06-20		
WSX07-35MM	35		144	36	19	114.3	102	82.5	15	89	29	47.6	19	49	83	83	17.5	UCX07-35MM		
WSX07-20		1-1/4	5.68	1.42	0.75	4.5	4.0	3.25	0.59	3.50	1.14	1.87	0.75	1.94	3.25	3.25	0.688	UCX07-20	WS208	2.4
WSX07-23		1-7/16																UCX07-23		
WSX08-40MM	40		144	38	19	117	102	82.5	15	87	29	47.6	19	49	83	83	17.5	UCX08-40MM	WS209	2.9
WSX08-24		1-1/2	5.68	1.50	0.75	4.625	4.0	3.25	0.59	3.437	1.14	1.87	0.75	1.94	3.25	3.25	0.688	UCX08-24		
WSX09-45MM	45		149	38	19	117	102	85.7	16	90	29	50.0	19	49	83	83	17.5	UCX09-45MM		
WSX09-27		1-11/16	5.88	1.50	0.75	4.625	4.0	3.38	0.62	3.563	1.140	1.97	0.75	1.94	8.23	3.25	0.688	UCX09-27	WS210	3.4
WSX09-28		1-3/4																UCX09-28		
WSX10-50MM	50		171	42	22	146	130	95	19	106	35	53.7	25.4	63.5	102	102	27	UCX10-50MM		
WSX10-31		1-15/16	6.75	1.05	0.87	5.75	5.125	3.75	0.75	4.188	1.375	2.11	1	2.5	4.0	4	1.06	UCX10-31	WS211	4.2
WSX10-32		2																UCX10-32		
WSX11-55MM	55		194	42	25	146	130	102	19	119	35	62.7	32	63.5	102	102	27	UCX11-55MM		
WSX11-35		2-3/16	7.63	1.65	1.00	5.75	5.125	4.0	0.75	4.688	1.375	2.47	1.25	2.5	4.0	4	1.06	UCX11-35	WS212	7.1
WSX11-36		2-1/4																UCX11-36		

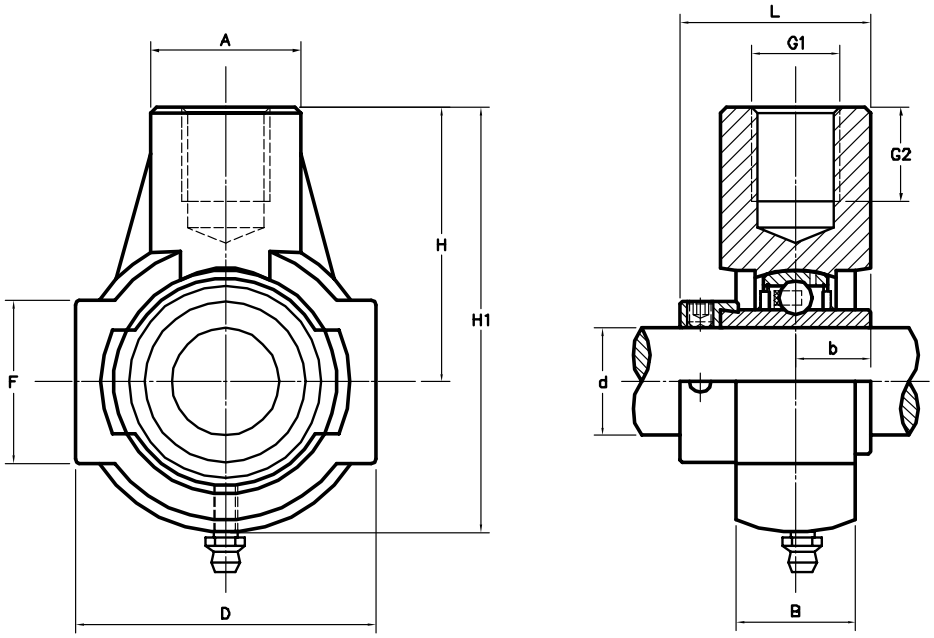
Note: Larger sizes on request.

Take-Up

SPK 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric Bores





Part No.	Shaft Size d	Dimensions (mm)										Bearing No.	Housing No.	Wt. kg
		A	B	b	D	F	G_1	G_2	H	H_1	L			
SPK204 x 20AMM	20	33	25	16.5	65	38	M16 x 2	21	58	91	43.1	HC204 x 20MM	SPK204	0.7
SPK205 x 25AMM	25	35	28	17.5	70	38	M20 x 2.5	22	64	99	44.4	HC205 x 25MM	SPK205	0.8
SPK206 x 30AMM	30	40	32	20.0	85	40	M24 x 3	24	72	114	50.1	HC206 x 30MM	SPK206	1.2
SPK207 x 35AMM	35	40	32	20.0	90	49	M24 x 3	24	76	122	52.3	HC207 x 35MM	SPK207	1.4
SPK208 x 40AMM	40	40	36	20.0	100	45	M24 x 3	24	85	135	54.9	HC208 x 40MM	SPK208	1.9
SPK209 x 45AMM	45	40	40	20.0	110	46	M24 x 3	24	90	145	54.9	HC209 x 45MM	SPK209	2.4
SPK210 x 50AMM	50	40	40	20.0	110	46	M24 x 3	24	90	145	58.1	HC210 x 50MM	SPK210	2.4
SPK212 x 60AMM	60	61	42	30.5	143	51	M24 x 3	24	104	175	77.3	HC212 x 60MM	SPK212	3.8

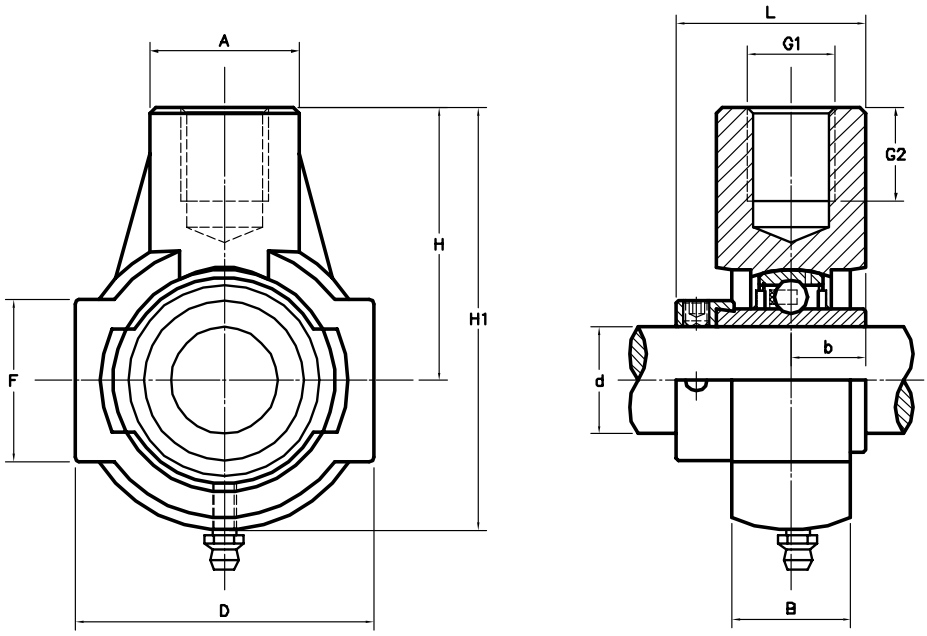
Note: Set Screw and Adapter Lock Bearings also available from stock. Inch bores on request.

Take-Up

SPK 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Eccentric Collar Lock
Metric Bores





Part No.	Shaft Size d	Dimensions (mm)										Bearing No.	Housing No.	Wt. kg
		A	B	b	D	F	G_1	G_2	H	H_1	L			
SPK204-20AMM	20	33	25	16.5	65	38	M16 x 2	21	58	91	43.1	HC204-20MM	SPK204	0.7
SPK205-25AMM	25	35	28	17.5	70	38	M20 x 2.5	22	64	99	44.4	HC205-25MM	SPK205	0.8
SPK206-30AMM	30	40	32	20.0	85	40	M24 x 3	24	72	114	50.1	HC206-30MM	SPK206	1.2
SPK207-35AMM	35	40	32	20.0	90	49	M24 x 3	24	76	122	52.3	HC207-35MM	SPK207	1.4
SPK208-40AMM	40	40	36	20.0	100	45	M24 x 3	24	85	135	54.9	HC208-40MM	SPK208	1.9
SPK209-45AMM	45	40	40	20.0	110	46	M24 x 3	24	90	145	54.9	HC209-45MM	SPK209	2.4
SPK210-50AMM	50	40	40	20.0	110	46	M24 x 3	24	90	145	58.1	HC210-50MM	SPK210	2.4
SPK212-60AMM	60	61	42	30.5	143	51	M24 x 3	24	104	175	77.3	HC212-60MM	SPK212	3.8

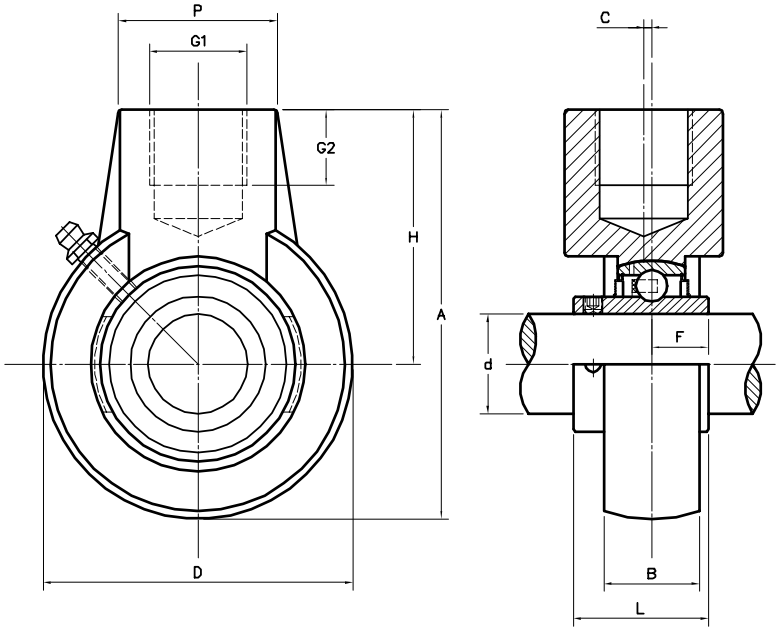
Note: Set Screw and Adapter Lock Bearings also available from stock. Inch bores on request.

Hanger Bearing

HA 200 Gold Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	in	mm	A	B	C	D	F	G_1(in) BSPP	G_2	H	L	P			
HA204 x 20UMM	20		96	21	—	64	12.7	—	19	64	31	40	UC204 x 20MM	HA204	0.7
HA204 x 3/4U		3/4	3.78	0.83	—	2.52	0.5	G3/4	0.75	2.52	1.22	1.57	UC204 x 3/4		
HA205 x 25UMM	25		103	24	—	78	14.3	—	19	64	34.1	40	UC205 x 25MM	HA205	1.02
HA205 x 7/8U		7/8	4.06	0.94	—	3.07	0.56	G3/4	0.75	2.52	1.34	1.57	UC205 x 7/8		
HA205 x 15/16U		15/16											UC205 x 15/16		
HA205 x 1U		1											UC205 x 1		
HA206 x 30UMM	30		104	27	—	80	15.9	—	19	64	38.1	40	UC206 x 30MM	HA206	1.2
HA206 x 1-1/8U		1-1/8	4.09	1.06	—	3.15	0.63	G3/4	0.75	2.52	1.50	1.57	UC206 x 1-1/8		
HA206 x 1-3/16U		1-3/16											UC206 x 1-3/16		
HA206 x 1-1/4U		1-1/4											UC206 x 1-1/4		
HA207 x 35UMM	35		116	30	—	92	17.5	—	19	70	42.9	40	UC207 x 35MM	HA207	1.43
HA207 x 1-1/4U		1-1/4	4.58	1.18	—	3.62	0.69	G3/4	0.75	2.76	1.69	1.57	UC207 x 1-1/4		
HA207 x 1-3/8U		1-3/8											UC207 x 1-3/8		
HA207 x 1-7/16U		1-7/16											UC207 x 1-7/16		
HA208 x 40UMM	40		123	32	2.0	100	19.1	—	19	73	49.2	40	UC208 x 40MM	HA208	1.9
HA208 x 1-1/2U		1-1/2	4.89	1.26	0.08	3.94	0.75	G3/4	0.75	2.87	1.94	1.57	UC208 x 1-1/2		
HA209 x 45UMM	45		136	34	5.0	108	19.1	—	21	82	49.2	48	UC209 x 45MM	HA209	2.4
HA209 x 1-5/8U		1-5/8	5.35	1.34	.20	4.25	0.75	G1	0.83	3.23	1.94	1.89	UC209 x 1-5/8		
HA209 x 1-11/16U		1-11/16											UC209 x 1-11/16		
HA209 x 1-3/4U		1-3/4											UC209 x 1-3/4		
HA210 x 50UMM	50		142	36	5.0	118	19.1	—	21	83	51.6	48	UC210 x 50MM	HA210	2.5
HA210 x 1-7/8U		1-7/8	5.59	1.42	.20	4.65	0.75	G1	0.83	3.27	2.03	1.89	UC210 x 1-7/8		
HA210 x 1-15/16U		1-15/16											UC210 x 1-15/16		
HA210 x 2U		2											UC210 x 2		

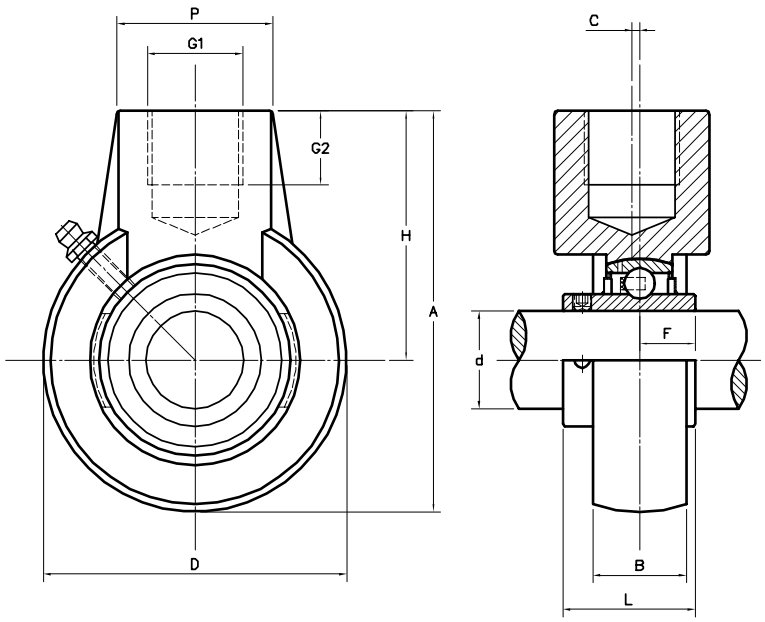
Note: Eccentric and Adapter Locking Bearings also available from stock.

Hanger Bearing

HA 200 Silver Series

Normal Duty Bearing
Cast Iron Housing
Set Screw Lock
Metric and Inch Bores





Part No.	Shaft Size d		Dimensions (mm) (in)										Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	F	G_1(in) BSPP	G_2	H	L	P			
HA204-20UMM	20		96	21	—	64	12.7	—	19	64	31	40	UC204-20MM	HA204	0.7
HA204-12U		3/4	3.78	0.83	—	2.52	0.5	G3/4	0.75	2.52	1.22	1.57	UC204-12		
HA205-25UMM	25		103	24	—	78	14.3	—	19	64	34.1	40	UC205-25MM		
HA205-14U		7/8	4.06	0.94	—	3.07	0.56	G3/4	0.75	2.52	1.34	1.57	UC205-14	HA205	1.02
HA205-15U		15/16											UC205-15		
HA205-16U		1											UC205-16		
HA206-30UMM	30		104	27	—	80	15.9	—	19	64	38.1	40	UC206-30MM		
HA206-18U		1-1/8	4.09	1.06	—	3.15	0.63	G3/4	0.75	2.52	1.50	1.57	UC206-18	HA206	1.2
HA206-19U		1-3/16											UC206-19		
HA206-20U		1-1/4											UC206-20		
HA207-35UMM	35		116	30	—	92	17.5	—	19	70	42.9	40	UC207-35MM		
HA207-20U		1-1/4	4.62	1.18	—	3.62	0.69	G3/4	0.75	2.76	1.69	1.57	UC207-20	HA207	1.43
HA207-22U		1-3/8											UC207-22		
HA207-23U		1-7/16											UC207-23		
HA208-40UMM	40		123	32	2.0	100	19.1	—	19	73	49.2	40	UC208-40MM	HA208	1.9
HA208-24U		1-1/2	4.84	1.26	0.08	3.74	0.75	G3/4	0.75	2.87	1.94	1.57	UC208-24		
HA209-45UMM	45		136	34	5.0	108	19.1	—	21	82	49.2	48	UC209-45MM		
HA209-26U		1-5/8	5.35	1.34	.20	4.25	0.75	G1	0.83	3.23	1.94	1.89	UC209-26	HA209	2.4
HA209-27U		1-11/16											UC209-27		
HA209-28U		1-3/4											UC209-28		
HA210-50UMM	50		142	36	5.0	118	19.1	—	21	83	51.6	48	UC210-50MM		
HA210-30U		1-7/8	5.59	1.42	.20	4.65	0.75	G1	0.83	3.27	2.03	1.89	UC210-30	HA210	2.5
HA210-31U		1-15/16											UC210-31		
HA210-32U		2											UC210-32		

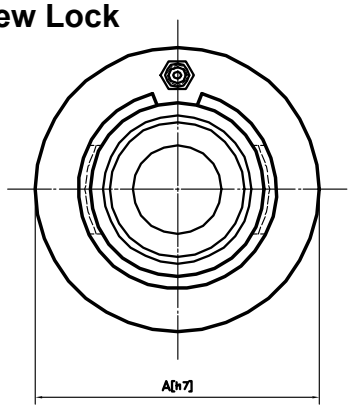
Note: Eccentric and Adapter Lock Bearings also available from stock.

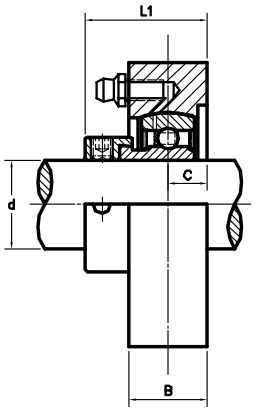
Cylindrical Units

HLW 200 Gold Series

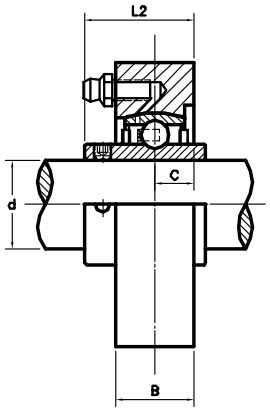
Normal Duty Bearings
Cast Iron Housing
Eccentric and Set Screw Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
UC Bearing

Part No.		Shaft Size d		Dimensions(mm) (in)					Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A (h_7)	B	C	L_1	L_2	Eccentric	Set Screw		
HLW204 x 20MM	HLW204 x 20UMM	20		72	20	10	33.5	28.3	SA204 x 20MM	UC204 x 20MM	HLW204	0.5
HLW204 x 3/4	HLW204 x 3/4U		3/4	2.83	0.79	0.39	1.32	1.11	SA204 x 3/4	UC204 x 3/4		
HLW205 x 25MM	HLW205 x 25UMM	25		80	22	11	34.5	30.8	SA205 x 25MM	UC205 x 25MM	HLW205	0.8
HLW205 x 7/8	HLW205 x 7/8U		7/8	3.15	0.87	0.43	1.36	1.19	SA205 x 7/8	UC205 x 7/8		
HLW205 x 15/16	HLW205 x 15/16U		15/16						SA205 x 15/16	UC205 x 15/16		
HLW205 x 1	HLW205 x 1U		1						SA205 x 1	UC205 x 1		
HLW206 x 30MM	HLW206 x 30UMM	30		85	27	13.5	40.2	35.7	SA206 x 30MM	UC206 x 30MM	HLW206	0.9
HLW206 x 1-1/8	HLW206 x 1-1/8U		1-1/8	3.35	1.06	0.53	1.58	1.41	SA206 x 1-1/8	UC206 x 1-1/8		
HLW206 x 1-3/16	HLW206 x 1-3/16U		1-3/16						SA206 x 1-3/16	UC206 x 1-3/16		
HLW206 x 1-1/4	HLW206 x 1-1/4U		1-1/4						SA206 x 1-1/4	UC206 x 1-1/4		
HLW207 x 35MM	HLW207 x 35UMM	35		90	28	14	43.4	39.4	SA207 x 35MM	UC207 x 35MM	HLW207	1.1
HLW207 x 1-1/4	HLW207 x 1-1/4U		1-1/4	3.54	1.10	0.55	1.71	1.55	SA207 x 1-1/4	UC207 x 1-1/4		
HLW207 x 1-3/8	HLW207 x 1-3/8U		1-3/8						SA207 x 1-3/8	UC207 x 1-3/8		
HLW207 x 1-7/16	HLW207 x 1-7/16U		1-7/16						SA207 x 1-7/16	UC207 x 1-7/16		
HLW208 x 40MM	HLW208 x 40UMM	40		100	30	15	47.7	45.2	SA208 x 40MM	UC208 x 40MM	HLW208	1.4
HLW208 x 1-1/2	HLW208 x 1-1/2U		1-1/2	3.94	1.18	0.59	1.88	1.78	SA208 x 1-1/2	UC208 x 1-1/2		
HLW209 x 45MM	HLW209 x 45UMM	45		110	31	15.5	48.2	45.7	SA209 x 45MM	UC209 x 45MM	HLW209	1.7
HLW209 x 1-5/8	HLW209 x 1-5/8U		1-5/8	4.33	1.22	0.61	1.90	1.80	SA209 x 1-5/8	UC209 x 1-5/8		
HLW209 x 1-11/16	HLW209 x 1-11/16U		1-11/16						SA209 x 1-11/16	UC209 x 1-11/16		
HLW209 x 1-3/4	HLW209 x 1-3/4U		1-3/4						SA209 x 1-3/4	UC209 x 1-3/4		
HLW210 x 50MM	HLW210 x 50UMM	50		120	33	16.5	49.2	49.1	SA210 x 50MM	UC210 x 50MM	HLW210	2.1
HLW210 x 1-7/8	HLW210 x 1-7/8U		1-7/8	4.72	1.30	0.65	1.94	1.93	SA210 x 1-7/8	UC210 x 1-7/8		
HLW210 x 1-15/16	HLW210 x 1-15/16U		1-15/16						SA210 x 1-15/16	UC210 x 1-15/16		
HLW210 x 2	HLW210 x 2U		2						SA210 x 2	UC210 x 2		
HLW211 x 55MM	HLW211 x 55UMM	55		125	35	17.5	53.9	50.9	SA211 x 55MM	UC211 x 55MM	HLW211	2.1
HLW211 x 2	HLW211 x 2U		2	4.92	1.38	0.69	2.12	2	SA211 x 2	UC211 x 2		
HLW211 x 2-1/8	HLW211 x 2-1/8U		2-1/8						SA211 x 2-1/8	UC211 x 2-1/8		
HLW211 x 2-3/16	HLW211 x 2-3/16U		2-3/16						SA211 x 2-3/16	UC211 x 2-3/16		
HLW212 x 60MM	HLW212 x 60UMM	60		130	38	19	58.6	58.7	SA212 x 60MM	UC212 x 60MM	HLW212	2.1
HLW212 x 2-1/4	HLW212 x 2-1/4U		2-1/4	5.12	1.50	0.75	2.31	2.31	SA212 x 2-1/4	UC212 x 2-1/4		
HLW212 x 2-3/8	HLW212 x 2-3/8U		2-3/8						SA212 x 2-3/8	UC212 x 2-3/8		
HLW212 x 2-7/16	HLW212 x 2-7/16U		2-7/16						SA212 x 2-7/16	UC212 x 2-7/16		

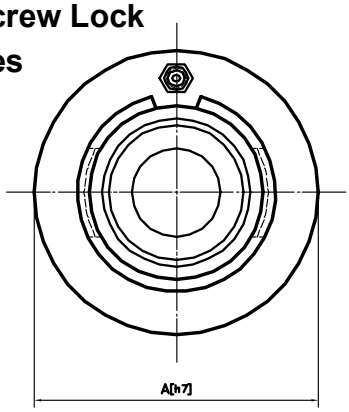
Note: Adapter Lock Bearings also available from stock.

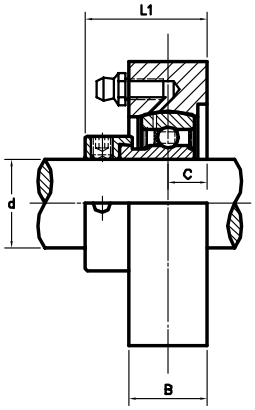
Cylindrical Units

HLW 200 Silver Series

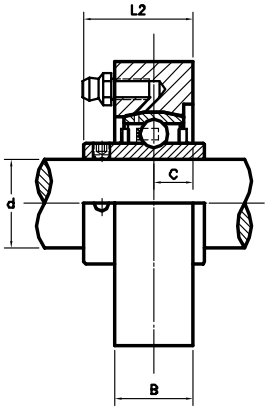
Normal Duty Bearings
Cast Iron Housing
Eccentric and Set Screw Lock
Metric and Inch Bores







Eccentric Lock
SA Bearing



Set Screw Lock
UC Bearing

Part No.		Shaft Size d		Dimensions(mm (in)					Bearing No.		Housing No.	Wt. kg
Eccentric	Set Screw	mm	in	A (h_7)	B	C	L_1	L_2	Eccentric	Set Screw		
HLW204-20MM	HLW204-20UMM	20		72	20	10	34	28.3	SA204-20MM	UC204-20MM	HLW204	0.5
HLW204-12	HLW204-12U		3/4	2.83	0.79	0.39	1.34	1.11	SA204-12	UC204-12		
HLW205-25MM	HLW205-25UMM	25		80	22	11	34.5	30.8	SA205-25MM	UC205-25MM	HLW205	0.8
HLW205-14	HLW205-14U		7/8	3.15	0.87	0.43	1.34	1.19	SA205-14	UC205-14		
HLW205-15	HLW205-15U		15/16						SA205-15	UC205-15		
HLW205-16	HLW205-16U		1						SA205-16	UC205-16		
HLW206-30MM	HLW206-30UMM	30		85	27	13.5	41.2	35.7	SA206-30MM	UC206-30MM	HLW206	0.9
HLW206-18	HLW206-18U		1-1/8	3.35	1.06	0.53	1.62	1.41	SA206-18	UC206-18		
HLW206-19	HLW206-19U		1-3/16						SA206-19	UC206-19		
HLW206-20	HLW206-20U		1-1/4						SA206-20	UC206-20		
HLW207-35MM	HLW207-35UMM	35		90	28	14	44.4	39.4	SA207-35MM	UC207-35MM	HLW207	1.1
HLW207-20	HLW207-20U		1-1/4	3.54	1.10	0.55	1.75	1.55	SA207-20	UC207-20		
HLW207-22	HLW207-22U		1-3/8						SA207-22	UC207-22		
HLW207-23	HLW207-23U		1-7/16						SA207-23	UC207-23		
HLW208-40MM	HLW208-40UMM	40		100	30	15	49.7	45.2	SA208-40MM	UC208-40MM	HLW208	1.4
HLW208-24	HLW208-24U		1-1/2	3.94	1.18	0.59	1.96	1.78	SA208-24	UC208-24		
HLW209-45MM	HLW209-45UMM	45		110	31	15.5	49.7	45.7	SA209-45MM	UC209-45MM	HLW209	1.7
HLW209-26	HLW209-26U		1-5/8	4.33	1.22	0.61	1.96	1.80	SA209-26	UC209-26		
HLW209-27	HLW209-27U		1-11/16						SA209-27	UC209-27		
HLW209-28	HLW209-28U		1-3/4						SA209-28	UC209-28		
HLW210-50MM	HLW210-50UMM	50		120	33	16.5	50.2	49.1	SA210-50MM	UC210-50MM	HLW210	2.1
HLW210-30	HLW210-30U		1-7/8	4.72	1.30	0.65	1.98	1.93	SA210-30	UC210-30		
HLW210-31	HLW210-31U		1-15/16						SA210-31	UC210-31		
HLW210-32	HLW210-32U		2						SA210-32	UC210-32		
HLW211-55MM	HLW211-55UMM	55		125	35	17.5	55.4	50.9	SA211-55MM	UC211-55MM	HLW211	2.1
HLW211-32	HLW211-32U		2	4.92	1.38	0.69	2.18	2	SA211-32	UC211-32		
HLW211-34	HLW211-34U		2-1/8						SA211-34	UC211-34		
HLW211-35	HLW211-35U		2-3/16						SA211-35	UC211-35		
HLW212-60MM	HLW212-60UMM	60		130	38	19	61.1	58.7	SA212-60MM	UC212-60MM	HLW212	2.1
HLW212-36	HLW212-36U		2-1/4	5.12	1.50	0.75	2.41	2.31	SA212-36	UC212-36		
HLW212-38	HLW212-38U		2-3/8						SA212-38	UC212-38		
HLW212-39	HLW212-39U		2-7/16						SA212-39	UC212-39		

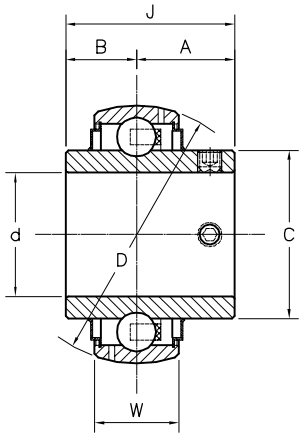
Note: Adapter Lock Bearings also available from stock.

Ball Bearing Inserts

UC 200 Gold Series

Normal Duty
Set Screw Lock
Metric and Inch Bores
Wide Inner Ring





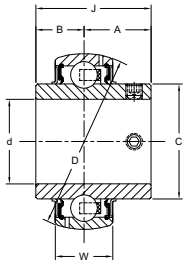
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
UC204 x 20MM	20		18.3	12.7	28.5	47	31	17	12800	6600	7450	0.4
UC204 x 3/4		3/4	0.72	0.50	1.12	1.850	1.22	0.67	2900	2550		
UC205 x 25MM	25		19.8	14.3	34	52	34.1	17	14000	7800	6250	0.4
UC205 x 7/8		7/8	0.78	0.56	1.34	2.047	1.34	0.67	3150	1760		
UC205 x 15/16		15/16										
UC205 x 1		1										
UC206 x 30MM	30		22.2	15.9	40	62	38.1	19	19500	11300	5300	0.7
UC206 x 1-1/8		1-1/8	0.87	0.63	1.57	2.441	1.50	0.75	4350	2550		
UC206 x 1-3/16		1-3/16										
UC206 x 1-1/4		1-1/4										
UC207 x 35MM	35		25.4	17.5	46.7	72	42.9	20	25500	15300	4500	1.08
UC207 x 1-1/4		1-1/4	1.0	0.69	1.84	2.835	1.69	0.79	5800	3450		
UC207 x 1-3/8		1-3/8										
UC207 x 1-7/16		1-7/16										
UC208 x 40MM	40		30.2	19	52.7	80	49.2	21	32500	19800	4000	1.4
UC208 x 1-1/2		1-1/2	1.19	0.75	2.07	3.150	1.94	0.83	7300	4450		
UC209 x 45MM	45		30.2	19	57.3	85	49.2	22	32500	20400	3700	1.5
UC209 x 1-5/8		1-5/8	1.19	0.75	2.26	3.347	1.94	0.87	7400	4600		
UC209 x 1-11/16		1-11/16										
UC209 x 1-3/4		1-3/4										
UC210 x 50MM	50		32.6	19	62.2	90	51.6	24	35000	23200	3400	1.8
UC210 x 1-7/8		1-7/8	1.28	0.75	2.45	3.543	2.03	0.94	7900	5200		
UC210 x 1-15/16		1-15/16										
UC210 x 2		2										
UC211 x 55MM	55		33.4	22.2	68.8	100	55.6	25	43500	29000	3100	2.4
UC211 x 2		2	1.31	0.88	2.71	3.937	2.19	0.98	9800	6600		
UC211 x 2-1/8		2-1/8										
UC211 x 2-3/16		2-3/16										
UC212 x 60MM	60		39.7	25.4	75.4	110	65.1	27	52000	36000	2800	2.9
UC212 x 2-1/4		2-1/4	1.56	1.00	2.97	4.331	2.56	1.06	11800	8100		
UC212 x 2-3/8		2-3/8										
UC212 x 2-7/16		2-7/16										
UC213 x 65MM	65		39.7	25.4	82.4	120	65.1	28	62000	44000	2600	3.9
UC213 x 2-1/2		2-1/2	1.56	1.00	3.24	4.724	2.56	1.10	14000	9900		
UC214 x 70MM	70		44.4	30.2	87	125	74.6	30	62000	44000	2450	2.3
UC214 x 2-11/16		2-11/16	1.75	1.19	3.43	4.921	2.94	1.18	14000	9900		
UC214 x 2-3/4		2-3/4										
UC215 x 75MM	75		44.5	33.3	92	130	77.8	32	62000	44500	2300	4.8
UC215 x 2-15/16		2-15/16	1.75	1.31	3.62	5.118	3.06	1.26	14000	10100		
UC215 x 3		3										
UC216 x 80MM	80		49.3	33.3	98.5	140	82.6	33	72000	54000	2150	6.4
UC216 x 3-1/8		3-1/8	1.94	1.31	3.88	5.512	3.25	1.30	16100	12200		
UC217 x 85MM	85		51.6	34.1	106.0	150	85.7	35	86000	86000	2000	7.1
UC217 x 3-1/4		3-1/4	2.03	1.35	4.17	5.906	3.37	1.38	19000	19000		
UC218 x 90MM	90		56.3	39.71	111.7	160	96	37	102000	79000	1900	9.3
UC218 x 3-1/2		3-1/2	2.22	1.56	4.40	6.299	3.78	1.46	23000	17700		
UC220 x 100MM	100	—	70	39.5	137.1	215	109.5	49	122000	93000	1600	12.3

Ball Bearing Inserts

UC 200 Silver Series

Normal Duty
Set Screw Lock
Metric and Inch Bores
Wide Inner Ring
Steel Retainer





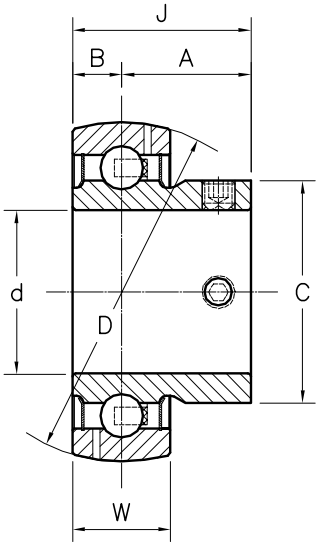
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
UC201-12MM(40) UC202-15MM(40) UC203-17MM(40) UC201-8(40) UC202-10(40) UC203-11(40)	12 15 17 	 1/2 5/8 11/16	16.0 0.63 	9.9 0.39 	24.6 0.97 	40 1.57 	25.9 1.02 	15 0.59 	9570 2170 	4700 1065 	8800	0.12
UC201-12MM UC202-15MM UC203-17MM UC201-8 UC202-10 UC203-11	12 15 17 	 1/2 5/8 11/16	18.3 0.72 	12.7 0.50 	28.5 1.12 	47 1.850 	31 1.22 	17 0.67 	12800 2900 	6600 2500 	8800	0.2
UC204-20MM UC204-12	20 	 3/4	18.3 0.72	12.7 0.50	28.5 1.12	47 1.850	31 1.22	17 0.67	12800 2900	6600 2500	7450	0.4
UC205-25MM UC205-14 UC205-15 UC205-16	25 	 7/8 15/16 1	19.8 0.78 	14.3 0.56 	34 1.34 	52 2.047 	34.1 1.34 	17 0.67 	13810 3140 	7700 1750 	6250	0.4
UC206-30MM UC206-17 UC206-18 UC206-19 UC206-20	30 	 1-1/16 1-1/8 1-3/16 1-1/4	22.2 0.87 	15.9 0.63 	40 1.57 	62 2.441 	38.1 1.50 	19 0.75 	18920 4300 	11000 2500 	5300	0.7
UC207-35MM UC207-20 UC207-22 UC207-23	35 	 1-1/4 1-3/8 1-7/16	25.4 1.0 	17.5 0.69 	46.7 1.84 	72 2.835 	42.9 1.69 	20 0.79 	25430 5780 	15130 3440 	4500	1.1
UC208-40MM UC208-24	40 	 1-1/2	30.2 1.19	19 0.75	52.7 2.07	80 3.150	49.2 1.94	21 0.83	32030 7280	19580 4450	4000	1.4
UC209-45MM UC209-26 UC209-27 UC209-28	45 	 1-5/8 1-11/16 1-3/4	30.2 1.19 	19 0.75 	57.3 2.26 	85 3.347 	49.2 1.94 	22 0.87 	32500 7390 	20280 4610 	3700	1.5
UC210-50MM UC210-30 UC210-31 UC210-32	50 	 1-7/8 1-15/16 2	32.6 1.28 	19 0.75 	62.2 2.45 	90 3.543 	51.6 2.03 	24 0.94 	35000 7900 	22830 5190 	3400	1.8
UC211-55MM UC211-32 UC211-34 UC211-35	55 	 2 2-1/8 2-3/16	33.4 1.31 	22.2 0.88 	68.8 2.71 	100 3.937 	55.6 2.19 	25 0.98 	43030 9780 	28950 6580 	3100	2.4
UC212-60MM UC212-36 UC212-38 UC212-39	60 	 2-1/4 2-3/8 2-7/16	39.7 1.56 	25.4 1.00 	75.4 2.97 	110 4.331 	65.1 2.56 	27 1.06 	52000 11800 	35590 8090 	2800	2.9
UC213-65MM UC213-40	65 	 2-1/2	39.7 1.56	25.4 1.00	82.4 3.24	120 4.724	65.1 2.56	28 1.10	60720 13800	43510 9890	2600	3.9
UC214-70MM UC214-43 UC214-44	70 	 2-11/16 2-3/4	44.4 1.75 	30.2 1.19 	87 3.43 	125 4.921 	74.6 2.94 	30 1.18 	61160 13900 	44000 9900 	2450	2.3
UC215-75MM UC215-46 UC215-47 UC215-48	75 	 2-7/8 2-15/16 3	44.5 1.75 	33.3 1.31 	92 3.62 	130 5.118 	77.8 3.06 	32 1.26 	62000 14000 	44220 10050 	2300	4.8
UC216-80MM UC216-50	80 	 3-1/8	49.3 1.94	33.3 1.31	98.5 3.88	140 5.512	82.6 3.25	33 1.30	70400 16000	54000 12200	2150	6.4
UC217-85MM UC217-52 UC217-55	85 	 3-1/4 3-7/16	51.6 2.03 	34.1 1.35 	106.0 4.17 	150 5.906 	85.7 3.37 	35 1.38 	83160 18900 	83160 18900 	2000	7.1
UC218-90MM UC218-55 UC218-56	90 	 3-7/16 3-1/2	56.3 2.22 	39.71 1.56 	111.7 4.40 	160 6.299 	96 3.78 	37 1.46 	100760 22900 	77440 17600 	1900	9.3
UC220-100MM	100	—	70	39.5	137.1	215	109.5	49	120000	92000	1600	12.3

Ball Bearing Inserts

SB 200 Gold Series

Normal Duty
Set Screw Lock
Metric and Inch Bores
Narrow Inner Ring





Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
SB201 x 12MM SB202 x 15MM SB203 x 17MM SB201 x 1/2 SB202 x 5/8 SB203 x 11/16	12 15 17 	 1/2 5/8 11/16	16 0.63 	6.0 0.24 	24.7 .97 	40 1.575 	22.0 0.87 	12.0 0.472 	9600 2150 	4750 1070 	8800	0.15
SB204 x 20MM SB204 x 3/4	20 	 3/4	18 0.708	7.56 0.30	28.5 1.12	47 1.850	25.0 0.98	14 0.551	12800 2400	6600 2550	7450	0.1
SB205 x 25MM SB205 x 7/8 SB205 x 15/16 SB205 x 1	25 	 7/8 15/16 1	19.5 0.77 	7.56 0.30 	34.0 1.34 	52 2.047 	27.0 1.06 	15 0.591 	14000 3150 	7800 1760 	6250	0.1
SB206 x 30MM SB206 x 1-1/8 SB206 x 1-3/16 SB206 x 1-1/4	30 	 1-1/8 1-3/16 1-1/4	21 0.83 	9.04 0.36 	40.00 1.57 	62 2.441 	30.0 1.18 	18 0.709 	19500 4350 	11300 2550 	5300	0.3
SB207 x 35MM SB207 x 1-1/4 SB207 x 1-3/8 SB207 x 1-7/16	35 	 1-1/4 1-3/8 1-7/16	25.5 1.00 	9.55 0.38 	46.7 1.84 	72 2.835 	35.0 1.37 	19 0.748 	25500 5800 	15300 3450 	4500	0.4
SB208 x 40MM SB208 x 1-1/2	40 	 1-1/2	29 1.14	11.05 0.44	52.7 2.07	80 3.150	39.5 1.56	21 0.827	3250 7300	19800 4450	4000	0.5
SB209 x 45MM SB209 x 1-5/8 SB209 x 1-11/16 SB209 x 1-3/4	45 	 1-5/8 1-11/16 1-3/4	30.5 1.20 	11.05 0.44 	57.3 2.26 	85 3.347 	41.5 1.63 	22 0.866 	32500 7400 	20400 4600 	3700	0.6
SB210 x 50MM SB210 x 1-7/8 SB210 x 1-15/16 SB210 x 2	50 	 1-7/8 1-15/16 2	32 1.26 	11.05 0.44 	62.2 2.45 	90 3.543 	43.0 1.69 	22 0.866 	35000 7900 	23200 5200 	3400	0.8
SB211 x 55MM SB211 x 2 SB211 x 2-1/8 SB211 x 2-3/16	55 	 2 2-1/8 2-3/16	33.5 1.32 	11.8 0.46 	69.8 2.75 	100 3.937 	45.3 1.78 	21 0.827 	43500 9800 	29000 6600 	3100	1.1
SB212 x 60MM SB212 x 2-1/4 SB212 x 2-3/8 SB212 x 2-7/16	60 	 2-1/4 2-3/8 2-7/16	34 1.34 	13 0.51 	76.0 2.99 	110 4.331 	47 1.85 	24 0.866 	52000 11800 	36000 8100 	2800	1.3

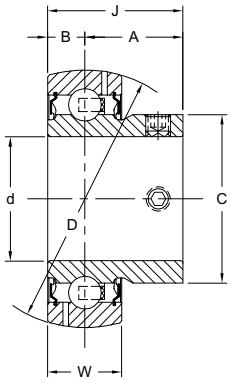
Ball Bearing Inserts

SB 200 Silver Series

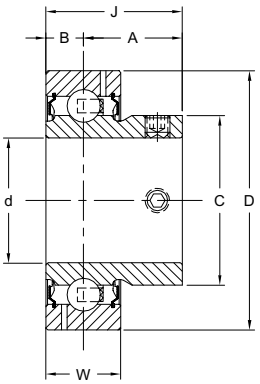
CSB 200 Silver Series

Normal Duty
Set Screw Lock
Metric and Inch Bores
Narrow Inner Ring
Steel Retainer





Beveled (SB)



Cylindrical (CSB)

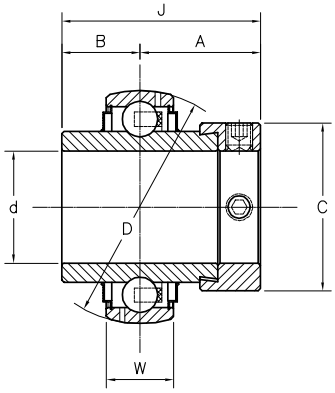
Part No.		Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_0 N lbf	Max rpm	Wt. kg
Beveled	Cylindrical	mm	in	A	B	C	D	J	W				
SB201-12MM	CSB201-12MM	12		16	6.0	24.7	40	22.0	12.0	9400	4660		
SB202-15MM	CSB202-15MM	15											
SB203-17MM	CSB203-17MM	17											
SB201-8	CSB201-8		1/2	0.63	0.24	.97	1.575	0.87	0.472	2140	1060	8800	0.15
SB202-10	CSB202-10		5/8										
SB203-11	CSB203-11		11/16										
SB204-20MM	CSB204-20MM	20		18	7.0	28.50	47	25.0	14	12800	6600	7450	0.1
SB204-12	CSB204-12		3/4	0.71	0.28	1.12	1.850	0.98	0.551	2900	2500		
SB205-25MM	CSB205-25MM	25		19.5	7.5	34.01	52	27.0	15	13810	7700		
SB205-14	CSB205-14		7/8	0.77	0.30	1.34	2.047	1.06	0.591	3140	1750	6250	0.1
SB205-15	CSB205-15		15/16										
SB205-16	CSB205-16		1										
SB206-30MM	CSB206-30MM	30		22	8.0	40.00	62	30.0	16	18920	11000		
SB206-17	—		1-1/16	0.87	0.32	1.57	2.441	1.18	0.630	4300	2500		
SB206-18	CSB206-18		1-1/8									5300	0.3
SB206-19	CSB206-19		1-3/16										
SB206-20	CSB206-20		1-1/4										
SB207-35MM	CSB207-35MM	35		23.5	8.5	46.69	72	32.0	17	25430	15130		
SB207-20	CSB207-20		1-1/4	0.93	0.33	1.84	2.835	1.26	0.669	5780	3440		
SB207-22	CSB207-22		1-3/8									4500	0.4
SB207-23	CSB207-23		1-7/16										
SB208-40MM	CSB208-40MM	40		25	9.0	52.70	80	34.0	18	32030	19580	4000	0.5
SB208-24	CSB208-24		1-1/2	0.98	0.35	2.07	3.150	1.34	0.709	7280	4450		
SB209-45MM	CSB209-45MM	45		31	10.2	57.30	85	41.2	19	32500	20400		
SB209-26	CSB209-26		1-5/8	1.22	0.40	2.26	3.347	1.62	0.748	7390	20280	3700	0.6
SB209-27	CSB209-27		1-11/16										
SB209-28	CSB209-28		1-3/4										
SB210-50MM	CSB210-50MM	50		32.6	10.9	62.20	90	43.54	20	35000	22830		
SB210-30	CSB210-30		1-7/8	1.28	0.43	2.45	3.543	1.71	0.787	7900	5190	3400	0.8
SB210-31	CSB210-31		1-15/16										
SB210-32	CSB210-32		2										
SB211-55MM	CSB211-55MM	55		33.5	11.8	69.8	100	45.3	21	43030	28950		
SB211-32	CSB211-32		2	1.32	0.46	2.75	3.937	1.78	0.827	9780	6580	3100	1.1
SB211-34	CSB211-34		2-1/8										
SB211-35	CSB211-35		2-3/16										
SB212-60MM	CSB212-60MM	60		38.8	14.9	76.5	110	53.7	22	52000	35590		
SB212-36	CSB212-36		2-1/4	1.53	0.57	3.01	4.331	2.11	0.866	11800	8090	2800	1.3
SB212-38	CSB212-38		2-3/8										
SB212-39	CSB212-39		2-7/16										

Ball Bearing Inserts

HC 200 Gold Series

Normal Duty
Eccentric Collar Lock
Metric and Inch Bores
Wide Inner Ring





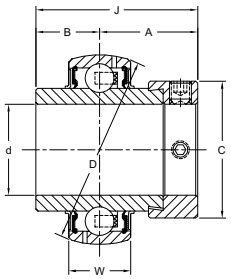
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
HC204 x 20MM HC204 x 3/4	20	3/4	26.6 1.05	17.1 0.67	33 1.30	47 1.850	43.7 1.72	14 0.55	12800 2900	6600 2550	7450	0.2
HC205 x 25MM HC205 x 7/8 HC205 x 15/16 HC205 x 1	25	7/8 15/16 1	26.9 1.06	17.5 0.69	37.5 1.48	52 2.047	44.4 1.75	15 0.59	14000 3150	7800 1760	6250	0.3
HC206 x 30MM HC206 x 1-1/8 HC206 x 1-3/16 HC206 x 1-1/4	30	1-1/8 1-3/16 1-1/4	30.1 1.19	18.3 0.72	44.4 1.73	62 2.441	48.4 1.91	18 0.71	19500 4350	11300 2550	5300	0.5
HC207 x 35MM HC207 x 1-1/4 HC207 x 1-3/8 HC207 x 1-7/16	35	1-1/4 1-3/8 1-7/16	32.3 1.27	18.8 0.74	51 2.01	72 2.835	51.1 2.01	19 0.75	25500 5800	15300 3450	4500	0.7
HC208 x 40MM HC208 x 1-1/2	40	1-1/2	34.9 1.38	21.4 0.84	58 2.28	80 3.150	56.3 2.22	21 0.83	32500 7300	19800 4450	4000	0.8
HC209 x 45MM HC209 x 1-5/8 HC209 x 1-11/16 HC209 x 1-3/4	45	1-5/8 1-11/16 1-3/4	34.9 1.38	21.4 0.84	63 2.48	85 3.347	56.3 2.22	22 0.87	32500 7400	20400 4600	3700	1.1
HC210 x 50MM HC210 x 1-7/8 HC210 x 1-15/16 HC210 x 2	50	1-7/8 1-15/16 2	38.1 1.50	24.6 0.98	69 2.72	90 3.543	62.7 2.47	22 0.87	35000 7900	23200 5200	3400	1.2
HC211 x 55MM HC211 x 2 HC211 x 2-1/8 HC211 x 2-3/16	55	2 2-1/8 2-3/16	43.6 1.72	27.8 1.10	76 2.99	100 3.937	71.4 2.81	25 0.98	43500 9800	29000 6600	3100	1.4
HC212 x 60MM HC212 x 2-1/4 HC212 x 2-3/8 HC212 x 2-7/16	60	2-1/4 2-3/8 2-7/16	46.8 1.84	31 1.22	84 3.31	110 4.331	77.8 3.06	24 0.94	52000 11800	36000 8100	2800	1.8
HC213 x 65MM HC213 x 2-1/2	65	2-1/2	44.6 1.76	21.5 0.85	96 3.78	120 4.724	66.1 2.60	28 1.10	62000 14000	44000 9900	2600	2.7
HC214 x 70MM HC214 x 2-11/16 HC214 x 2-3/4	70	2-11/16 2-3/4	44.6 1.76	21.5 0.85	96 3.78	125 4.921	66.1 2.60	28 1.10	62000 14000	44000 9900	2450	2.6
HC215 x 75MM HC215 x 2-15/16 HC215 x 3	75	2-15/16 3	45.6 1.80	21.5 0.85	100 3.94	130 5.118	67.1 2.64	28 1.10	62000 14000	44500 10100	2300	2.9
HC216 x 80MM HC216 x 3-1/8	80	3-1/8	47.6 1.87	23.4 0.92	108 4.25	140 5.512	71.0 2.80	30 1.26	72000 16100	54000 12000	2150	3.2
HC218 x 90MM HC218 x 3-1/2	90	3-1/2	46.5 1.83	23 0.91	118 4.65	160 6.299	69.5 2.74	32 1.26	102000 23000	79000 17700	1900	5.0
HC220 x 100MM	100	—	49.5	25.5	132	180	75.0	36	122000	93000	1600	4.7
HC224 x 120MM	120	—	52.5	28.5	152	215	81.0	40	155000	131000	1500	7.0

Ball Bearing Inserts

HC 200 Silver Series

Normal Duty, Wide Inner Ring
Eccentric Collar Lock
Metric and Inch Bores
Steel Retainer
Triple Lip Seal Option







Triple Lip Seal option

Part No.	Part No. Triple Lip Seal	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
		mm	in	A	B	C	D	J	W				
HC201-8(40)	—		1/2	23.4	13.9	28.6	40	37.3	15	9570	4700	8800	0.16
HC202-10(40)	—		5/8	0.92	0.55	1.13	1.57	1.47	0.59	2170	1065		
HC201-12MM	—	12		26.6	17.1	33.3	47	43.7	17	12800	6600		
HC202-15MM	—	15											
HC203-17MM	—	17											
HC201-8	—		1/2	1.05	0.67	1.31	1.850	1.72	0.67	2900	2500	7450	0.2
HC202-10	—		5/8										
HC203-11	—		11/16										
HC204-20MM	—	20		26.6	17.1	33.3	47	43.7	17	12800	6600	7450	0.2
HC204-12	HC204-12-TRL		3/4	1.05	0.67	1.31	1.850	1.72	0.67	2900	2500		
HC205-25MM	—	25		26.9	17.5	38.1	52	44.4	17	13810	7700	6250	0.3
HC205-14	—		7/8	1.06	0.69	1.50	2.047	1.75	0.67	3140	1750		
HC205-15	—		15/16										
HC205-16	HC205-16-TRL		1										
HC206-30MM	—	30		30.1	18.3	44.5	62	48.4	19	18920	11000	5300	0.5
HC206-18	—		1-1/8	1.19	0.72	1.75	2.441	1.91	0.75	4300	2500		
HC206-19	HC206-19-TRL		1-3/16										
HC206-20	HC206-20-TRL		1-1/4										
HC207-35MM	—	35		32.3	18.8	55.6	72	51.1	20	25430	15130	4500	0.7
HC207-20	HC207-20-TRL		1-1/4	1.27	0.74	2.19	2.835	2.01	0.79	5780	3440		
HC207-22	HC207-22-TRL		1-3/8										
HC207-23	HC207-23-TRL		1-7/16										
HC208-40MM	—	40		34.9	21.4	60.3	80	56.3	21	32030	19580	4000	0.8
HC208-24	HC208-24-TRL		1-1/2	1.38	0.84	2.37	3.150	2.22	0.83	7280	4450		
HC209-45MM	—	45		34.9	21.4	63.5	85	56.3	22	32500	20280	3700	1.1
HC209-26	—		1-5/8	1.38	0.84	2.50	3.347	2.22	0.87	7390	4610		
HC209-27	—		1-11/16										
HC209-28	HC209-28-TRL		1-3/4										
HC210-50MM	—	50		38.1	24.6	69.9	90	62.7	24	35000	22830	3400	1.2
HC210-30	—		1-7/8	1.50	0.97	2.75	3.543	2.47	0.94	7900	5190		
HC210-31	HC210-31-TRL		1-15/16										
HC210-32	HC210-32-TRL		2										
HC211-55MM	—	55		43.6	27.8	76.2	100	71.4	25	43030	28950	3100	1.4
HC211-32	HC211-32-TRL		2	1.71	1.10	3.00	3.937	2.81	0.98	9780	6580		
HC211-34	—		2-1/8										
HC211-35	HC211-35-TRL		2-3/16										
HC212-60MM	—	60		46.8	31	84.2	110	77.8	27	52000	35590	2800	1.8
HC212-36	—		2-1/4	1.84	1.22	3.31	4.331	3.06	1.06	11800	8090		
HC212-38	—		2-3/8										
HC212-39	—		2-7/16										
HC213-65MM	—	65		51.6	34.1	86	120	85.7	28	60720	43510	2600	2.7
HC213-40	—		2-1/2	2.03	1.34	3.39	4.724	3.37	1.10	13800	9890		
HC214-70MM	—	70		51.6	34.1	90	125	85.7	30	61160	44000	2450	2.6
HC214-43	—		2-11/16	2.03	1.34	3.54	4.921	3.37	1.18	13900	9900		
HC214-44	—		2-3/4										
HC215-75MM	—	75		54.8	37.3	102	130	92.1	32	62000	44220	2300	2.9
HC215-47	—		2-15/16	2.16	1.47	4.02	5.118	3.63	1.26	14000	10050		
HC215-48	—		3										
HC216-80MM	—	80		47.6	23.4	108	140	71.0	30	70400	54000	2150	3.2
HC216-50	—		3-1/8	1.87	0.92	4.25	5.512	2.80	1.18	16000	12200		
HC218-90MM	—	90		46.5	23	118	160	69.5	36	100760	77440	1900	5.0
HC218-56	—		3-1/2	1.83	0.91	4.65	6.299	2.74	1.112	22900	17600		
HC220-100MM	—	100	—	49.5	25.5	132	180	75.0	36	122000	93000	1600	4.7
HC224-120MM	—	120	—	52.5	28.5	152	215	81.0	40	155000	131000	1500	7.0

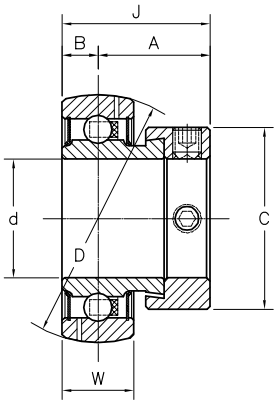
Note: Other Triple Lip Seal sizes on request.

Ball Bearing Inserts

SA 200 Gold Series

Normal Duty
Eccentric Collar Lock
Metric and Inch Bores
Narrow Inner Ring





Beveled

Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
SA201 x 12MM SA202 x 15MM SA203 x 17MM SA201 x 1/2 SA202 x 5/8 SA203 x 11/16	12 15 17	 1/2 5/8 11/16	22.1 0.87	6.5 .26	28.5 1.12	40 1.575	28.6 1.12	12.0 0.472	9600 2150	4750 1070	8800	0.15
SA204 x 20MM SA204 x 3/4	20	 3/4	23.5 0.93	7.5 0.30	33.3 1.31	47 1.850	31 1.22	14 0.551	12800 2900	6600 2550	7450	0.2
SA205 x 25MM SA205 x 7/8 SA205 x 15/16 SA205 x 1	25	 7/8 15/16 1	23.5 0.93	7.5 0.30	38.1 1.50	52 2.047	31 1.22	15 0.591	14000 3150	7800 1760	6250	0.2
SA206 x 30MM SA206 x 1-1/8 SA206 x 1-3/16 SA206 x 1-1/4	30	 1-1/8 1-3/16 1-1/4	26.7 1.05	9 0.35	44.4 1.75	62 2.441	35.7 1.41	18 0.709	19500 4350	11300 2550	5300	0.4
SA207 x 35MM SA207 x 1-1/4 SA207 x 1-3/8 SA207 x 1-7/16	35	 1-1/4 1-3/8 1-7/16	29.4 1.16	9.5 0.37	55.5 2.19	72 2.835	38.9 1.53	19 0.748	25500 5800	15300 3450	4500	0.6
SA208 x 40MM SA208 x 1-1/2	40	 1-1/2	32.7 1.29	11.0 0.43	60.3 2.37	80 3.150	43.7 1.72	21 0.827	32500 7300	19800 4450	4000	0.7
SA209 x 45MM SA209 x 1-5/8 SA209 x 1-11/16 SA209 x 1-3/4	45	 1-5/8 1-11/16 1-3/4	32.7 1.29	11.0 0.43	63.5 2.50	85 3.347	43.7 1.72	22 0.866	32500 7400	20400 4600	3700	0.9
SA210 x 50MM SA210 x 1-7/8 SA210 x 1-15/16 SA210 x 2	50	 1-7/8 1-15/16 2	32.7 1.29	11.0 0.43	69.8 2.75	90 3.543	43.7 1.72	22 0.866	35000 7900	23200 5200	3400	1.0
SA211 x 55MM SA211 x 2 SA211 x 2-1/8 SA212 x 2-3/16	55	 2 2-1/8 2-3/16	36.4 1.43	12 0.47	76.2 3.0	100 3.937	48.4 1.91	25 0.984	43500 9800	29000 6600	3100	1.0
SA212 x 60MM SA212 x 2-1/4 SA212 x 2-3/8 SA212 x 2-7/16	60	 2-1/4 2-3/8 2-7/16	39.6 1.56	13.5 0.53	84.1 3.31	110 4.331	53.1 2.10	24 0.945	52000 11800	36000 8100	2800	1.4

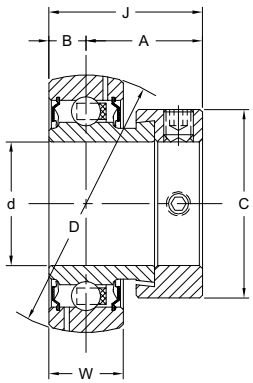
Ball Bearing Inserts

SA 200 Silver Series

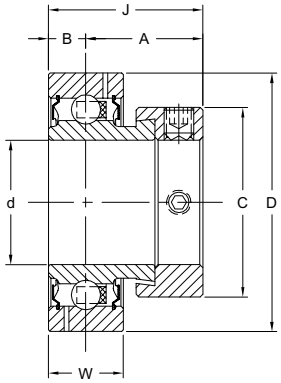
CSA 200 Silver Series

Normal Duty
Eccentric Collar Lock
Metric and Inch Bores
Narrow Inner Ring
Steel Retainer





Beveled (SA)



Cylindrical (CSA)

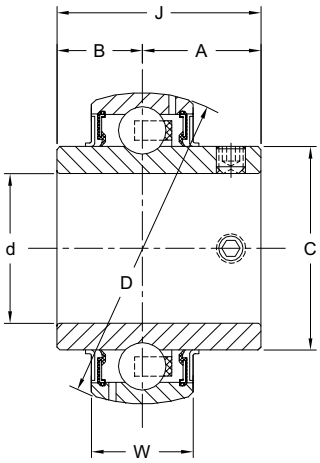
Part No.		Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
Beveled	Cylindrical	mm	in	A	B	C	D	J	W				
SA201-12MM	CSA201-12MM	12		22.6	6.0	28.6	40	28.6	12.0	9400	4660		
SA202-15MM	CSA202-15MM	15											
SA203-17MM	CSA203-17MM	17											
SA201-8	CSA201-8		1/2	0.89	0.24	1.12	1.575	1.12	0.472	2140	1060	8800	0.15
SA202-10	CSA202-10		5/8										
SA203-11	CSA203-11		11/16										
SA204-20MM	CSA204-20MM	20		24	7.0	33.3	47	31	14	12800	6600	7450	0.2
SA204-12	CSA204-12		3/4	0.94	0.28	1.31	1.850	1.22	0.551	2900	2500		
SA205-25MM	CSA205-25MM	25		23.5	7.5	38.1	52	31	15	13810	7700		
SA205-14	CSA205-14		7/8	0.93	0.29	1.50	2.047	1.22	0.591	3140	1750	6250	0.2
SA205-15	CSA205-15		15/16										
SA205-16	CSA205-16		1										
SA206-30MM	CSA206-30MM	30		27.7	8	44.5	62	35.7	16	18920	11000		
SA206-18	CSA206-18		1-1/8	1.09	0.31	1.75	2.441	1.41	0.630	4300	2500	5300	0.4
SA206-19	CSA206-19		1-3/16										
SA206-20	CSA206-20		1-1/4										
SA207-35MM	CSA207-35MM	35		30.4	8.5	55.6	72	38.9	17	25430	15130		
SA207-20	CSA207-20		1-1/4	1.2	0.33	2.19	2.835	1.53	0.669	5780	3440	4500	0.6
SA207-22	CSA207-22		1-3/8										
SA207-23	CSA207-23		1-7/16										
SA208-40MM	CSA208-40MM	40		34.7	9.0	60.3	80	43.7	18	32030	19580	4000	0.7
SA208-24	CSA208-24		1-1/2	1.37	0.35	2.37	3.150	1.72	0.709	7280	4450		
SA209-45MM	CSA209-45MM	45		34.2	9.5	63.5	85	43.7	19	32500	20280		
SA209-26	CSA209-26		1-5/8	1.35	0.37	2.50	3.347	1.72	0.748	7390	4610	3700	0.9
SA209-27	CSA209-27		1-11/16										
SA209-28	CSA209-28		1-3/4										
SA210-50MM	CSA210-50MM	50		33.7	10.0	69.9	90	43.7	20	35000	22830		
SA210-30	CSA210-30		1-7/8	1.33	0.39	2.75	3.543	1.72	0.787	7900	5190	3400	1.0
SA210-31	CSA210-31		1-15/16										
SA210-32	CSA210-32		2										
SA211-55MM	CSA211-55MM	55		37.9	10.5	76.2	100	48.4	21	43030	28950		
SA211-32	CSA211-32		2	1.49	0.41	3.0	3.937	1.91	0.827	9780	6580	3100	1.0
SA211-34	CSA211-34		2-1/8										
SA212-35	CSA211-35		2-3/16										
SA212-60MM	CSA212-60MM	60		42.1	11	84.2	110	53.1	22	52000	35590		
SA212-36	CSA212-36		2-1/4	1.66	0.43	3.31	4.331	2.10	0.866	11800	8090	2800	1.4
SA212-38	CSA212-38		2-3/8										
SA212-39	CSA212-39		2-7/16										

Medium Duty Ball Bearing Inserts

UCX Silver Series

Medium Duty
Set Screw Lock
Metric and Inch Bores
Steel Retainer





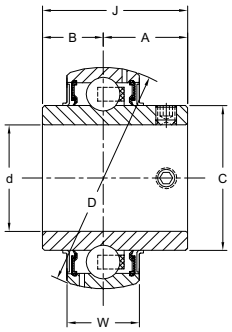
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic load ratings		Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W	Dynamic C kn lbf	Static C kn lbf		
UCX05-25MM	25		22.2	15.9	40	62	38.1	19	19000	11100	5300	0.4
UCX05-16		1	0.87	0.63	1.57	2.441	1.50	0.75	4400	2540		
UCX06-30MM	30		25.4	17.5	46.7	72	42.9	20	25500	15180		
UCX06-18		1-1/8									4500	0.5
UCX06-19		1-3/16	1.00	0.69	1.84	2.835	1.69	0.79	5800	3450		
UCX06-20		1-1/4										
UCX07-35MM	35		30.2	19.1	52.7	80	49.2	21	28930	17640		
UCX07-20		1-1/4									4000	0.6
UCX07-23		1-7/16	1.19	0.75	2.07	3.150	1.94	0.83	6575	4010		
UCX08-40MM	40		30.2	19.1	57.3	85	49.2	22	32490	20240	3700	0.7
UCX08-24		1-1/2	1.19	0.75	2.26	3.346	1.94	0.87	7385	4600		
UCX09-45MM	45		32.6	19.1	62.2	90	51.6	24	34760	22880		
UCX09-27		1-11/16	1.28	0.75	2.45	3.543	2.03	0.94	7900	5200	3400	0.9
UCX09-28		1-3/4										
UCX10-50MM	50		33.4	22.2	68.8	100	55.6	25	42680	29040		
UCX10-31		1-15/16	1.31	0.88	2.71	3.937	2.19	0.98	9700	6600	3100	1.1
UCX10-32		2										
UCX11-55MM	55		39.7	25.4	75.4	110	65.1	27	51920	35860		
UCX11-35		2-3/16	1.56	1.00	2.97	4.3307	2.56	1.06	11800	8150	2800	1.5
UCX11-36		2-1/4										
UCX12-60MM	60		39.7	25.4	82.1	120	65.1	28	56760	39680	2600	2
UCX12-39		2-7/16	1.56	1.00	3.23	4.724	2.56	1.10	12900	9020		
UCX13-60MM	60		44.4	30.2	87	125	74.6	30	61600	43560		
UCX13-65MM	65										2450	2.3
UCX13-39		2-7/16	1.75	1.19	3.43	4.921	2.94	1.18	14000	9900		
UCX13-40		2-1/2										
UCX14-70MM	70		44.5	33.3	92	130	77.8	32	65560	66560	2300	2.6
UCX14-43		2-11/16	1.75	1.31	3.62	5.118	3.06	1.26	14900	10800		
UCX15-75MM	75		49.3	33.3	98.5	140	82.6	33	71280	52320		
UCX15-47		2-15/16	1.94	1.31	3.88	5.512	3.25	1.30	16200	11890	2150	3.2
UCX15-48		3										
UCX16-80MM	80		51.6	34.1	105	150	85.7	35	82200	61160	2100	4.1
UCX16-50		3-1/8	2.03	1.34	4.13	5.9055	3.37	1.38	18700	13900		
UCX17-85MM	85		56.3	39.7	111.7	160	96	37	94380	70400		
UCX17-55		3-7/16	2.22	1.56	4.4	6.299	3.78	1.46	21450	16000	2000	5
UCX17-56		3-1/2										
UCX18-90MM	90		61.1	42.9	118	170	104	38	107360	80520	1900	5.5
UCX18-56		3-1/2	2.41	1.69	4.65	6.693	4.09	1.49	24400	18300		
UCX20-100MM	100		68.3	49.2	132.5	190	117.5	42	133000	104000		
UCX20-63		3-15/16	2.69	1.94	5.22	7.4803	4.63	1.69	30000	23500	1700	9.2
UCX20-64		4										

Ball Bearing Inserts

UC 300 Silver Series

Heavy Duty
Set Screw Lock
Metric and Inch Bores
Wide Inner Ring
Steel Retainer





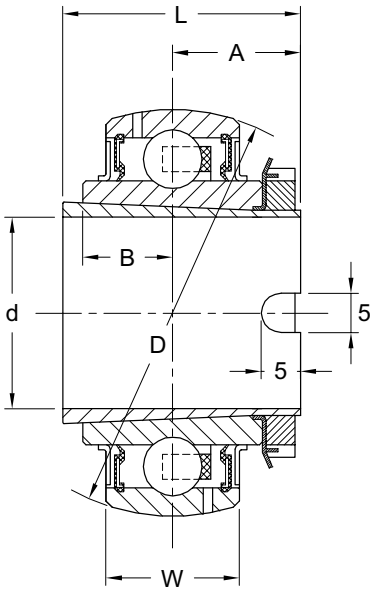
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic load ratings		Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W	Dynamic CN lbf	Static C_oN lbf		
UC305-25MM	25		23	15	36.9	62	38	21	20600	11200		
UC305-14		7/8	0.906	0.59	1.45	2.4409	1.496	0.812	4700	2500	5900	.5
UC305-16		1										
UC306-30MM	30		26	17	45	72	43	23	26700	15000		
UC306-18		1-1/8	1.024	0.67	1.77	2.846	1.693	0.905	6070	3400	5200	.6
UC306-19		1-3/16										
UC307-35MM	35		29	19	50.5	80	48	25	32900	19200		
UC307-20		1-1/4	1.142	0.75	1.99	3.1496	1.890	0.984	7480	4400	4200	.7
UC307-22		1-3/8	1.142	0.75	1.99	3.1496	1.890	0.984	7480	4400		
UC307-23		1-7/16										
UC308-40MM	40		33	19	56	90	52	27	40260	23540	3900	1.0
UC308-24		1-1/2	1.299	0.75	2.21	3.5433	2.047	1.063	9150	5350		
UC309-45MM	45		35	22	63	100	57	30	50600	28820		
UC309-27		1-11/16	1.378	0.87	2.48	3.937	2.244	1.181	11500	6550	3300	1.3
UC309-28		1-3/4										
UC310-50MM	50		39	22	70.5	110	61	32	61600	37400		
UC310-30		1-7/8	1.535	0.87	3.78	4.3307	2.402	1.260	14000	8500	3100	1.7
UC310-31		1-15/16										
UC311-55MM	55		41	25	76.5	120	66	34	70400	44500		
UC311-32		2	1.614	0.98	3.01	4.7244	2.598	1.338	16000	10100	2700	2.1
UC311-35		2-3/16										
UC312-60MM	60		45	26	82.5	130	71	36	79200	51480	2400	2.6
UC312-39		2-7/16	1.772	1.02	3.25	5.1181	2.795	1.417	18000	11700		
UC313-65MM	65		45	30	88.5	140	75	38	92500	60000	2300	3.2
UC313-40		2-1/2	1.772	1.18	3.48	5.5118	2.953	1.496	21000	13600		
UC314-70MM	70		45	33	95	150	78	40	103400	68000	2100	3.8
UC314-44		2-3/4	1.772	1.30	3.75	5.9055	3.071	1.574	23500	15400		
UC315-75MM	75		50	32	101.5	160	82	42	112200	76340		
UC315-47		2-15/16	1.969	1.26	4.0	6.2992	3.228	1.653	25500	17350	1900	5.0
UC315-48		3	1.969	1.26	4.0	6.2992	3.228	1.653	25500	17350		
UC316-80MM	80		52	34	108	170	86	44	123000	85800	1850	5.4
UC316-51		3-3/16	2.047	1.34	4.25	6.6929	3.386	1.732	27500	19500		
UC317-85MM	85		56	40	114.5	180	96	46	131120	94600	1800	6.6
UC317-52		3-1/4	2.205	1.58	4.51	7.0866	3.780	1.811	29800	21500		
UC318-90MM	90		56	40	121	190	96	48	140800	105600	1650	7.3
UC318-56		3-1/2	2.205	1.58	4.76	7.4803	3.780	1.890	32000	24000		
UC319-95MM	95		62	41	127.5	200	103	50	151800	118800	1575	8.7
UC319-60		3-3/4	2.441	1.61	5.02	7.874	4.055	1.968	34500	27000		
UC320-100MM	100		66	42	135.5	215	108	54	171600	141000		
UC320-63		3-15/16	2.598	1.65	5.33	8.4646	4.252	2.126	39000	32000	1475	10.8
UC320-64		4										
UC321-105MM	105	—	68	44	142	225	112	56	182000	152000	1250	12.4
UC322-110MM	110	—	71	46	152	240	117	60	205000	178000	1200	14.5
UC324-120MM	120	—	75	51	165	260	126	64	207000	185000	1175	18.8
UC326-130MM	130	—	81	54	178	280	135	68	229000	215000	1175	23.3
UC328-140MM	140	—	86	59	191.5	300	145	73	255000	246000	1175	28.9

Ball Bearing Inserts and Accessories

GSH Series

Thin Sleeve Adapter Lock
Normal Duty
Metric and Inch Bores





The GSH Insert interchanges with the UC, HC and CL Insert sizes within the same housing and shaft size. The UK Series Housing, also an Adapter Mount, requires the next larger housing size for the same shaft size.

Bearing Assembly Part No.	Bearing Only Part No.	Adapter Part No.	Shaft Size d		Dimensions (mm) (in)					Basic Load Ratings		Max rpm	Wt. kg
			mm	in	A	B	D	L	W	Dynamic C N $1b_f$	Static C_o N $1b_f$		
GSH204-20MM	GSH204	H204GSH-20MM	20		18.9	7.5	47	28	14	12700	6600	6250	0.14
GSH204-12		H204GSH-12		3/4	0.75	0.29	1.850	1.10	0.55	2860	1490		
GSH205-25MM		H205GSH-25MM	25		17.0	7.5	52	28	15	13600	7800		
GSH205-15	GSH205	H205GSH-15		15/16	0.67	0.29	2.047	1.10	0.59	3060	1760	5300	0.17
GSH205-16		H205GSH-16		1									
GSH206-30MM	GSH206	H206GSH-30mm	30		22.7	9	62	32	18	18900	11300	4500	0.27
GSH206-19		H206GSH-19		1-3/16	0.90	0.35	2.441	1.26	0.71	4260	2550		
GSH207-35MM		H207GSH-35MM	35		24.6	9.5	72	34	19	24900	15300		
GSH207-20	GSH207	H207GSH-20		1-1/4	0.97	0.37	2.895	1.34	0.75	5610	3450	4000	0.43
GSH207-22		H207GSH-22		1-3/8									
GSH208-40MM	GSH208	H208GSH-40MM	40		27.9	11	80	38	21	29500	19800	3700	0.54
GSH208-24		H208GSH-24		1-1/2	1.10	0.43	3.150	1.49	0.83	6650	4460		
GSH209-45MM	GSH209	H209GSH-45MM	45		27.6	11	85	38	22	32000	19900	3400	0.54
GSH209-28		H209GSH-28		1-3/4	1.09	0.43	3.347	1.49	0.87	7210	4485		
GSH210-50MM		H210GSH-50MM	50		26.4	11	90	40	22	33000	19900		
GSH210-31	GSH210	H210GSH-31		1-15/16	1.04	0.43	3.543	1.575	0.87	7430	4485	3100	0.54
GSH210-32		H210GSH-32		2									

Note: Bearing Assembled with Adapter Sleeve, Lockwasher and Nut.

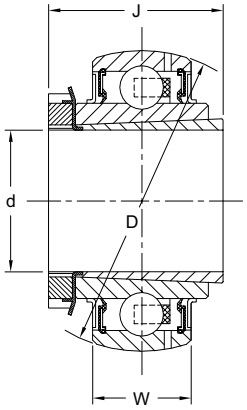
Ball Bearing Inserts and Accessories

UK 200 Series

Normal Duty
Adapter Sleeve Lock
Metric and Inch Bores
Steel Retainer

This adapter mounted bearing grips the shaft concentrically when tightened. These are ideal for higher speeds and help reduce vibration due to mounting.





Bearing Only Part No. **	Shaft Size d		Adapter Sleeve		Dimensions (mm)			Basic Load Ratings		Max rpm	Wt. kg
	mm	in	Metric Adapter Sleeve Part No.	Inch Adapter Sleeve Part No.	D	W	J	Dynamic C N lbf	Static C_o N lbf		
UK 205	20	3/4	H2305 x 20MM	H 2305 x 3/4	52	15	35	13810 3140	7700 1750	6250	0.20
UK 206	25	7/8 15/16 1	H2306 x 25MM	H 2306 x 7/8 H 2306 x 15/16 H 2306 x 1	62	16	38	18920 4300	11000 2500	5300	0.30
UK 207	30	1-3/16	H2307 x 30MM	H 2307 x 1-3/16	72	17	43	25430 5780	15130 3440	4500	0.4
UK 208	35	1-1/4 1-3/8	H2308 x 35MM	H 2308 x 1-1/4 H 2308 x 1-3/8	80	18	46	32030 7280	19580 4450	4000	0.5
UK 209	40	1-7/16 1-1/2 1-5/8	H2309 x 40MM	H 2309 x 1-7/16 H 2309 X 1-1/2 H 2309 x 1-5/8	85	19	50	23500 7390	20280 4610	3700	0.6
UK 210	45	1-11/16 1-3/4	H2310 x 45MM	H 2310 x 1-11/16 H 2310 x 1-3/4	90	20	55	35000 7900	22830 5190	3400	0.8
UK 211	50	1-7/8 1-15/16 2	H2311 x 50MM	H 2311 x 1-7/8 H 2311 x 1-15/16 H 2311 x 2	100	21	59	43030 9780	28950 6580	3100	1.0
UK 212	55	—	H2312 x 55MM	—	110	22	62	52000 11800	35590 8090	2800	1.6
UK 213	60	2-3/16 2-1/4 2-3/8	H2313 x 60MM	H 2313 x 2-3/16 H 2313 x 2-1/4 H 2313 x 2-3/8	120	23	65	60720 13800	43510 9890	2600	2.0
UK 215	65	2-7/16 2-1/2	H2315 x 65MM	H 2315 x 2-7/16 H 2315 x 2-1/2	130	25	73	62000 14000	44220 10050	2300	2.9
UK 216	70	2-11/16 2-3/4	H2316 x 70MM	H 2316 x 2-11/16 H 2316 x 2-3/4	140	26	78	70400 16000	54000 12200	2150	3.2
UK 217	75	2-15/16 3	H2317 x 75MM	H2317 x 2-15/16 H 2317 x 3	150	34	82	83160 18900	83160 18900	2000	4.0
UK 218	80	3-1/8	H2318 x 80MM	H 2318 x 3-1/8	160	36	86	100760 22900	77440 17600	1900	4.8

Note: Inch bores can use optional SNW Adapters. See adapter section for sizes available. Spanner Wrenches available.

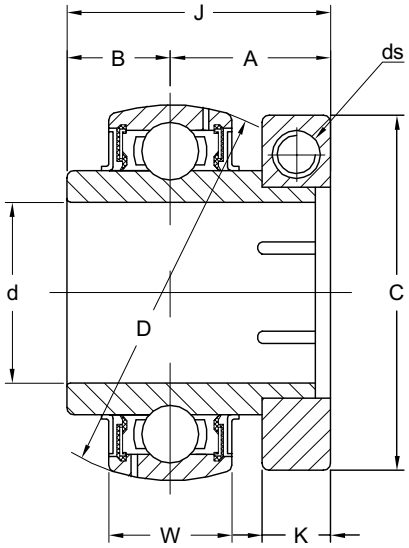
** Order Adapter Sleeve separately.

Ball Bearing Inserts

CL 200 Silver Series

Normal Duty
Concentric Locking Collar
Metric and Inch Bores
Wide Inner Ring
Steel Retainer
Metal Backed Lip Seal and Flingers





The locking collar provides for a concentric fit to the shaft

Part No.	Shaft Size d		Dimensions (mm) (in)								Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	ds	J	K	W				
CL204-20MM	20		19.8	12.7	44.5	47	—	32.5	9.5	16	12800	6600	7450	0.22
CL204-12		3/4	0.78	0.50	1.75	1.850	8-32 x 5/8	1.28	.374	0.63	2900	2500		
CL205-25MM	25		22.2	14.3	49.2	52	—	36.5	9.5	17	14000	7800	6250	0.35
CL205-14		7/8	0.87	0.56	1.94	2.047	8-32 x 5/8	1.44	.374	0.67	3170	1770		
CL205-15		15/16												
CL205-16		1												
CL206-30MM	30		23.8	15.9	55.6	62	—	39.7	9.5	19	19400	11200	5300	0.50
CL206-18		1-1/8	0.94	0.63	2.19	2.441	8-32 x 5/8	1.56	.374	0.75	4400	2540		
CL206-19		1-3/16												
CL206-20		1-1/4												
CL207-35MM	35		27.0	17.5	68.3	72	—	44.5	11.1	20	25600	15200	4500	0.66
CL207-20		1-1/4	1.06	0.69	2.69	2.835	10-24 x 3/4	1.75	.437	0.79	5800	3450		
CL207-22		1-3/8												
CL207-23		1-7/16												
CL208-40MM	40		31.8	19	70.6	80	—	50.8	11.1	21	32600	19800	4000	0.81
CL208-24		1-1/2	1.25	0.75	2.78	3.150	10-24 x 3/4	2.0	.437	0.83	7400	4490		
CL209-45MM	45		31.8	19	77.8	85	—	50.8	11.1	22	32700	20400	3700	0.83
CL209-26		1-5/8	1.25	0.75	3.06	3.347	10-24 x 3/4	2.0	.437	0.87	7420	4630		
CL209-27		1-11/16												
CL209-28		1-3/4												
CL210-50MM	50		34.1	19	85.7	90	—	53.2	14.3	24	35000	23100	3400	1.09
CL210-31		1-15/16	1.34	0.75	3.37	3.543	1/4-20 x 1	2.09	.563	0.94	7900	5240		
CL210-32		2												
CL211-55MM	55		34.9	22.2	93.7	100	—	57.2	14.3	25	43300	29200	3100	1.32
CL211-32		2	1.37	0.88	3.69	3.937	1/4-20 x 1	2.25	.563	0.98	9800	6630		
CL211-34		2-1/8												
CL211-35		2-3/16												
CL212-60MM	60		41.3	25.4	105	110	—	66.7	17.5	27	47700	32900	2800	1.95
CL212-36		2-1/4	1.63	1.00	4.13	4.331	5/16-18 x 1	2.63	.689	1.06	10820	7470		
CL212-38		2-3/8												
CL212-39		2-7/16												

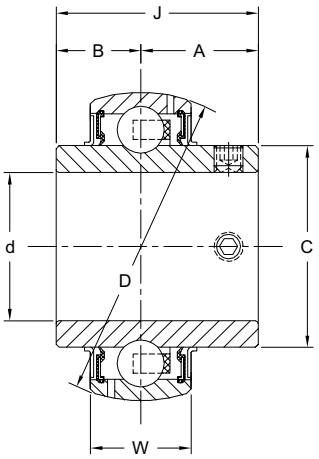
Note: Other sizes available on request.

High Temp Ball Bearing Inserts

HT-UC 200 Silver Series

Normal Duty
Set Screw Locking
Metric and Inch Bores





Key Features:

- Heat-Stablized Bearing Races for temperatures below 200°C (390°F).
- Stainless Steel Shields and Silicon bearing seals.
- Steel Ball Retainers.
- High Temp Calcium Sulfate Complex Lubricant.
- Other lubes also available. Consult PTI.
- C4 Internal Clearance.
- Anti-Rotation pin on the insert OD for loose housing fit.

Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
UC204-20MM-HT UC204-12-HT	20	 3/4	18.3 0.72	12.7 0.50	28.5 1.12	47 1.850	31 1.22	17 0.67	12800 2900	6600 2500	7450	0.4
UC205-25MM-HT UC205-14-HT UC205-15-HT UC205-16-HT *	25	 7/8 15/16 1	19.8 0.78	14.3 0.56	34 1.34	52 2.047	34.1 1.34	17 0.67	13810 3140	7700 1750	6250	0.4
UC206-30MM-HT UC206-18-HT UC206-19-HT UC206-20-HT *	30	 1-1/8 1-3/16 1-1/4	22.2 0.87	15.9 0.63	40 1.57	62 2.441	38.1 1.50	19 0.75	18920 4300	11000 2500	5300	0.7
UC207-35MM-HT UC207-20-HT* UC207-22-HT UC207-23-HT*	35	 1-1/4 1-3/8 1-7/16	25.4 1.0	17.5 0.69	46.7 1.84	72 2.835	42.9 1.69	20 0.79	25430 5780	15130 3440	4500	1.08
UC208-40MM-HT UC208-24-HT*	40	 1-1/2	30.2 1.19	19 0.75	52.7 2.07	80 3.150	49.2 1.94	21 0.83	32030 7280	19580 4450	4000	1.4
UC209-45MM-HT UC209-26-HT UC209-27-HT UC209-28-HT*	45	 1-5/8 1-11/16 1-3/4	30.2 1.19	19 0.75	57.3 2.26	85 3.347	49.2 1.94	22 0.87	32500 7390	20280 4610	3700	1.5
UC210-50MM-HT UC210-30-HT UC210-31-HT UC210-32-HT*	50	 1-7/8 1-15/16 2	32.6 1.28	19 0.75	62.2 2.45	90 3.543	51.6 2.03	24 0.94	35000 7900	22830 5190	3400	1.8
UC211-55MM-HT UC211-32-HT UC211-34-HT UC211-35-HT	55	 2 2-1/8 2-3/16	33.4 1.31	22.2 0.88	68.8 2.71	100 3.937	55.6 2.19	25 0.98	43030 9780	28950 6580	3100	2.4
UC212-60MM-HT UC212-36-HT UC212-38-HT UC212-39-HT	60	 2-1/4 2-3/8 2-7/16	39.7 1.56	25.4 1.00	75.4 2.97	110 4.331	65.1 2.56	27 1.06	52000 11800	35590 8090	2800	2.9
UC213-65MM-HT UC213-40-HT*	65	 2-1/2	39.7 1.56	25.4 1.00	82.4 3.24	120 4.724	65.1 2.56	28 1.10	60720 13800	43510 9890	2600	3.9
UC214-70MM-HT UC214-43-HT UC214-44-HT	70	 2-11/16 2-3/4	44.4 1.75	30.2 1.19	87 3.43	125 4.921	74.6 2.94	30 1.18	61160 13900	44000 9900	2450	2.3
UC215-75MM-HT UC215-46-HT UC215-47-HT UC215-48-HT*	75	 2-7/8 2-15/16 3	44.5 1.75	33.3 1.31	92 3.62	130 5.118	77.8 3.06	32 1.26	62000 14000	44220 10050	2300	4.8
UC216-80MM-HT UC216-50-HT	80	 3-1/8	49.3 1.94	33.3 1.31	98.5 3.88	140 5.512	82.6 3.25	33 1.30	70400 16000	54000 12200	2150	6.4

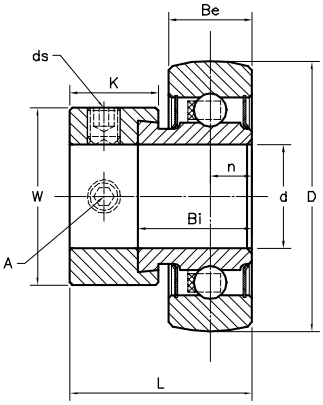
Note: Stainless Steel inserts and other sizes are availabe on request. For operating temperatures above 250° C, multiply ratings by 0.9. * Indicates stocked items, the rest can be assembled by PTI for quick delivery.

Ball Bearing Inserts

U000 Silver Series

Extra Narrow Width
Eccentric Lock Collar
Metric and Inch Bores





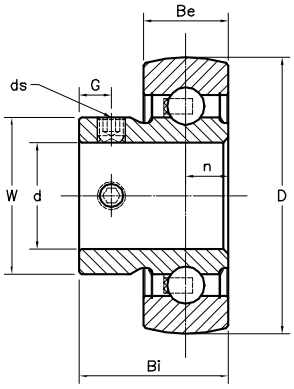
Part No.	Shaft Size d		Dimensions (mm)									Load rating		Wt. kg
	mm	in	D	L	Bi	Be	N	K	W	A	ds	Dynamic C N	Static C_oN	
U000-10MM	10		26	17.5	11	8	4	8.5	17	3.5	M4x0.7	4550	1940	0.03
U001-12MM	12		28	17.5	11	8	4	8.5	19	3.5	M4x0.7	5030	2370	0.03
U002-15MM	15		32	18.5	12	9	4.5	8.5	22	3.5	M4x0.7	5520	1975	0.05
U003-17MM	17		35	20.5	13.5	10	5	9.5	25	3.5	M4x0.7	5910	2280	0.06
U004-20MM	20		42	24.5	16.5	12	6	11	30	5	M5x0.8	6500	5000	0.10
U004-12		3/4												
U005-25MM	25		47	25.5	17.5	12	6	12	36	5	M5x0.8	9970	5760	0.13
U005-16		1												
U006-30MM	30		55	26.5	18.5	13	6.5	12	42	5	M5x0.8	13070	8180	0.19

K 000 Silver Series

Extra Narrow Width
Set Screw Lock
Metric and Inch Bores

Stainless Steel Option





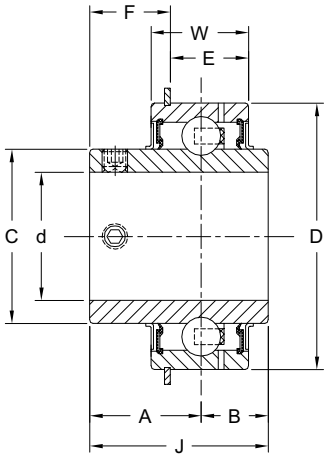
Part No.	Stainless Part No.	Shaft Size d		Dimensions (mm)							Load rating		Wt. kg
		mm	in	D	Bi	Be	N	G	W	ds	Dynamic C N	Static C_oN	
K000-10MM	K000-10MM-CR	10		26	14	8	4	3	14.75	M3x0.35	4550	1940	0.02
K001-12MM	K000-12MM-CR	12		28	14.5	8	4	3	17.35	M3x0.35	5030	2370	0.03
K002-15MM	K002-15MM-CR	15		32	16.5	9	4.5	3.5	20.02	M4x0.50	5520	1975	0.05
K003-17MM	K003-17MM-CR	17		35	17.5	10	5	3.5	23.10	M4x0.50	5910	2280	0.05
K004-20MM	K004-20MM-CR	20		42	21	12	6	4	27.00	M5x0.50	6500	5000	0.08
K004-12	K004-12-CR		3/4										
K005-25MM	K005-25MM-CR	25		47	22.5	12	6	4.5	31.70	M5x0.50	9970	5760	0.10
K005-16	K005-16-CR		1										
K006-30MM	K006-30MM-CR	30		55	24.5	13	6.5	5	38.00	M5x0.50	13070	8180	0.16

Ball Bearing Inserts

SER 200 Silver Series

Set Screw Lock
Normal Duty
Metric and Inch Bores
OD Snap Ring
Wide Inner Ring
Steel Retainer





Part No.	Shaft Size d		Dimensions (mm) (in)									Load Ratings		Max rpm	Wt. kg
	mm	in	A	B	C	D	E	F	G	J	W	Dynamic C N lbf	Static C_o N lbf		
SER201-12MM	12		19.5	11.5	28.3	47	12.06	15.08	52.7	31	15.9	12800	6600		
SER202-15MM	15														
SER203-17MM	17														
SER201-8		1/2	0.77	0.45	1.11	1.850	0.47	0.59	2.07	1.22	0.62	2900	2500	8800	0.3
SER202-10		5/8													
SER203-11		11/16													
SER204-20MM	20		19.5	11.5	28.3	47	12.06	15.08	52.7	31	15.9	12800	6600	7450	0.3
SER204-12		3/4	0.77	0.45	1.11	1.850	0.47	0.59	2.07	1.22	0.62	2900	2500		
SER205-25MM	25		21.8	13.1	34.0	52	15.29	15.78	57.9	34.9	19.1	13810	7700		
SER205-14		7/8	0.86	0.52	1.33	2.047	0.60	0.62	2.28	1.37	0.75	3140	1750	6250	0.3
SER205-15		15/16													
SER205-16		1													
SER206-30MM	30		22.2	15.9	40.3	62	17.02	15.93	67.7	38.1	22.2	18920	11000		
SER206-18		1-1/8	0.87	0.63	1.58	2.441	0.67	0.63	2.67	1.50	0.87	4300	2500	5300	0.4
SER206-19		1-3/16													
SER206-20		1-1/4													
SER207-35MM	35		25.4	17.5	46.9	72	18.62	18.32	78.6	42.9	23.8	25430	15130		
SER207-20		1-1/4	1.0	0.69	1.85	2.835	0.73	0.72	3.09	1.69	0.94	5780	3440	4500	0.5
SER207-22		1-3/8													
SER207-23		1-7/16													
SER208-40MM	40		30.2	19	52.4	80	22.62	21.1	86.6	49.2	27.8	32030	19580	4000	0.7
SER208-24		1-1/2	1.19	0.75	2.06	3.150	0.89	0.83	3.41	1.94	1.09	7820	4450		
SER209-45MM	45		30.2	19	57.4	85	22.62	21.1	91.6	49.2	27.8	32500	20280		
SER209-26		1-5/8	1.19	0.75	2.26	3.347	0.89	0.83	3.61	1.94	1.09	7390	4610	3700	0.8
SER209-27		1-11/16													
SER209-28		1-3/4													
SER210-50MM	50		32.6	19	61.8	90	22.62	23.84	96.5	51.6	28.6	35000	22830		
SER210-30		1-7/8	1.28	0.75	2.43	3.543	0.89	0.94	3.80	2.03	1.12	7900	5190	3400	0.9
SER210-31		1-15/16													
SER210-32		2													
SER211-55MM	55		33.4	22.2	68.7	100	24.22	23.84	106.5	55.6	30.2	43030	28950		
SER211-32		2	1.32	0.87	2.70	3.937	0.95	0.94	4.19	2.19	1.19	9780	6580	3100	1.2
SER211-34		2-1/8													
SER211-35		2-3/16													
SER212-60MM	60		39.7	25.4	75.7	110	25.82	29.4	116.6	65.1	31.8	52000	35590		
SER212-36		2-1/4	1.56	1.00	2.98	4.337	1.02	1.16	4.59	2.56	1.25	11800	8090	2800	1.6
SER212-38		2-3/8													
SER212-39		2-7/16													

Stainless, Thermoplastic & Nickel Plated Mounted Units

P.T.International Corp. (PTI) offers mounted ball bearing units in all **stainless steel** or corrosion resistant **thermoplastic housing** with a stainless insert. This is also available with a **nickel plated cast iron housing**.

Stainless Steel Insert bearings are specifically designed for the food, beverage and chemical industry. All three housing types interchange dimensionally with the conventional cast iron mounted bearing units. With the Stainless and Thermoplastic housings there is *NO plating to chip!* The Stainless Steel Insert is also available in two mounting versions: the popular Set Screw type and the new Eccentric Lock version for quick simple installation.



Set Screw Insert



Eccentric Lock Insert

Each bearing is lubricated with Mobil FM222, USDA H-1 Grease.

PTI offers you an economical choice for your corrosion resistant needs. Housing and stainless bearing specifications are listed in the following pages for specific sizes available.
There are Back Seals and Covers for additional sealing protection for the Thermoplastic Units.

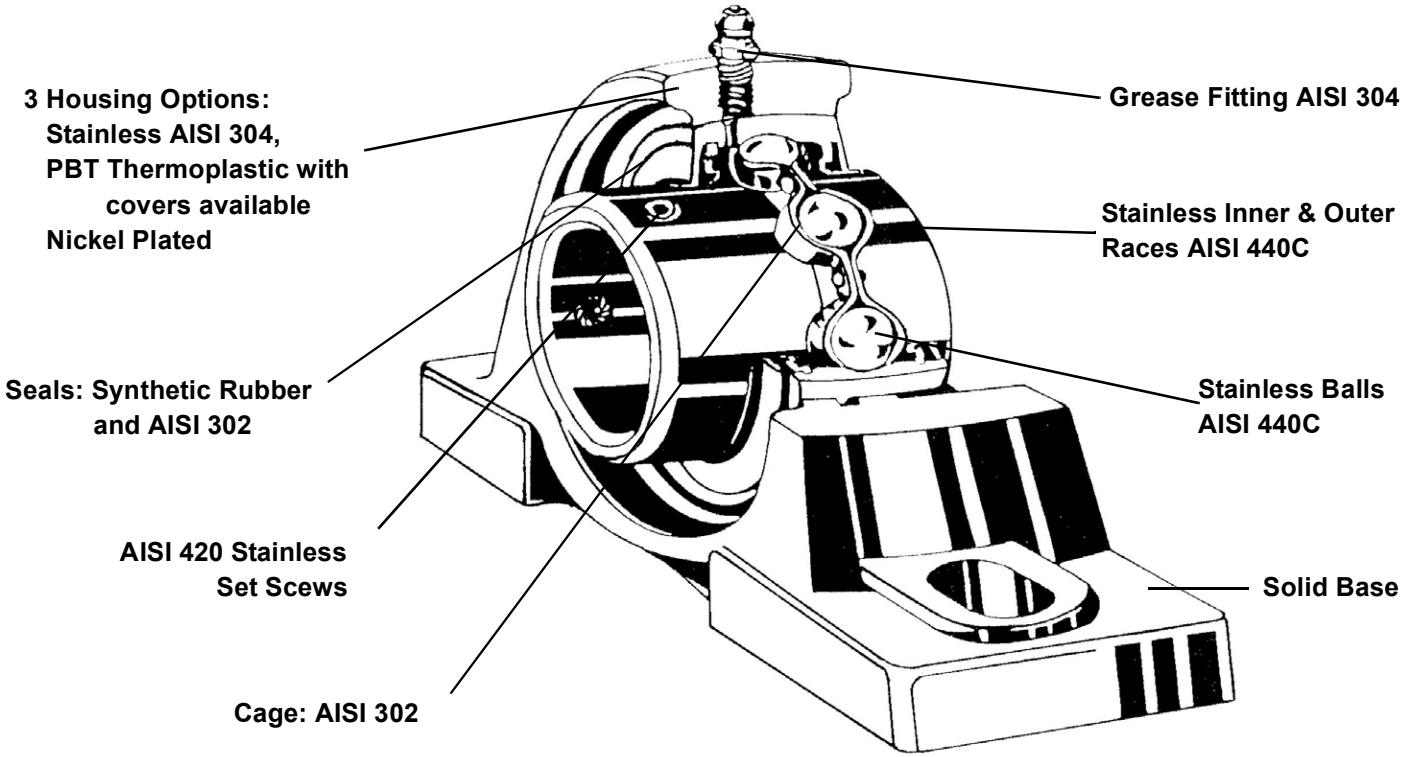


Thermoplastic Covers

PTI also offers a full range of standard mounted ball bearings in European metric and American standard housing dimensions. A broad assortment of housing configurations are available from stock in addition to several brands of inserts, some with special features. We differentiate these various brands with a silver or gold series designation, and they are offered at different price points. Ask sales for details and size options from stock.



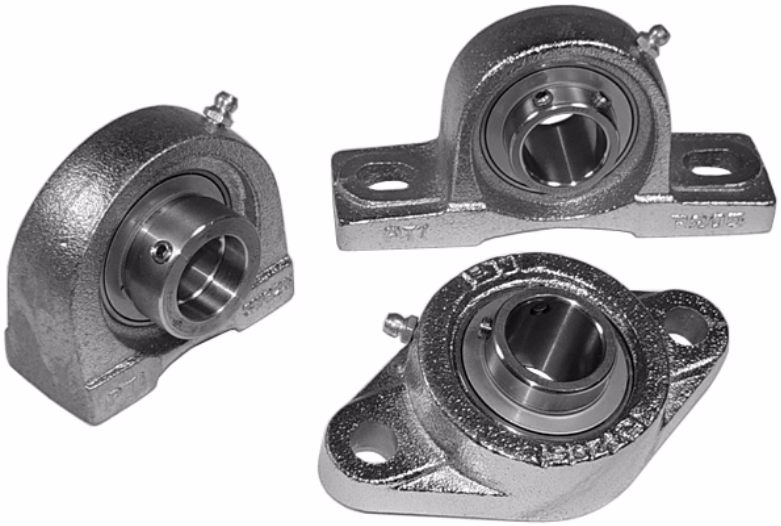
Stainless & Thermoplastic Units



Nickel-Plated Housings & Stainless Inserts

Pillow Blocks, 2 & 4 Bolt Flanges, Tapped Bases

PTI stocks a variety of Nickel Plated Pillow Blocks, 2-Bolt and 4-Bolt Flange Housings, Tapped Bases, and 3-Bolt Flanged Brackets. PTI can also nickel plate any cast housing. All of our housings will accept either our Set Screw (SUC) or Eccentric Lock (SHC) Stainless Steel Insert. Listed below are just a few of the more popular units. This is an economical option for corrosion resistance. All of our Stainless Steel Bearing Inserts contain Mobil FM222 USDA H1 Food Grade Lubricant. Standard sizes shown below can be assembled from stock or per order. Dimension pages are available on the web or from our full catalog.



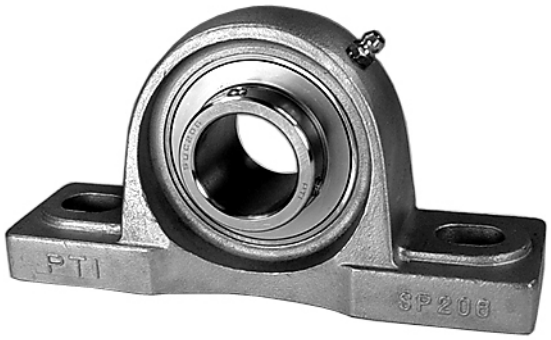
Shaft Size		Pillow Block Nickel Hsg. & SS Brg	2-Bolt Flange Nickel Hsg. & SS Brg	2-Bolt Flange Nickel Hsg & SS Brg	4-Bolt Flange Nickel Hsg & SS Brg
mm	in	Part No.	Part No.	Part No.	Part No.
20		SUCNP204-20MM	SUCNFT204-20MM	SUCNFL204-20MM	SUCNF204-20MM
	3/4	SUCNP204-12	SUCNFT204-12	SUCNFL204-12	SUCNF204-12
25		SUCNP205-25MM	SUCNFT205-25MM	SUCNFL205-25MM	SUCNF205-25MM
	7/8	SUCNP205-14	SUCNFT205-14	SUCNFL205-14	SUCNF205-14
	15/16	SUCNP205-15	SUCNFT205-15	SUCNFL205-15	SUCNF205-15
	1	SUCNP205-16	SUCNFT205-16	SUCNFL205-16	SUCNF205-16
30		SUCNP206-30MM	SUCNFT206-30MM	SUCNFL206-30MM	SUCNF206-30MM
	1-1/8	SUCNP206-18	SUCNFT206-18	SUCNFL206-18	SUCNF206-18
	1-3/16	SUCNP206-19	SUCNFT206-19	SUCNFL206-19	SUCNF206-19
	1-1/4	SUCNP206-20	SUCNFT206-20	SUCNFL206-20	SUCNF206-20
35		SUCNP207-35MM	SUCNFT207-35MM	SUCNFL207-35MM	SUCNF207-35MM
	1-1/4	SUCNP207-20	SUCNFT207-20	SUCNFL207-20	SUCNF207-20
	1-3/8	SUCNP207-22	SUCNFT207-22	SUCNFL207-22	SUCNF207-22
	1-7/16	SUCNP207-23	SUCNFT207-23	SUCNFL207-23	SUCNF207-23
40		SUCNP208-40MM	SUCNFT208-40MM	SUCNFL208-40MM	SUCNF208-40MM
	1-1/2	SUCNP208-24	SUCNFT208-24	SUCNFL208-24	SUCNF208-24
45		SUCNP209-45MM	SUCNFT209-45MM	SUCNFL209-45MM	SUCNF209-45MM
	1-11/16	SUCNP209-27	SUCNFT209-27	SUCNFL209-27	SUCNF209-27
	1-3/4	SUCNP209-28	SUCNFT209-28	SUCNFL209-28	SUCNF209-28
50		SUCNP210-50MM	SUCNFT210-50MM	SUCNFL210-50MM	SUCNF210-50MM
	1-15/16	SUCNP210-31	SUCNFT210-31	SUCNFL210-31	SUCNF210-31
	2	SUCNP210-32	SUCNFT210-32	SUCNFL210-32	SUCNF210-32

Note: To specify eccentric collar type inserts replace SUC with SHC. Larger sizes possible from stock.

Stainless Steel Pillow Block

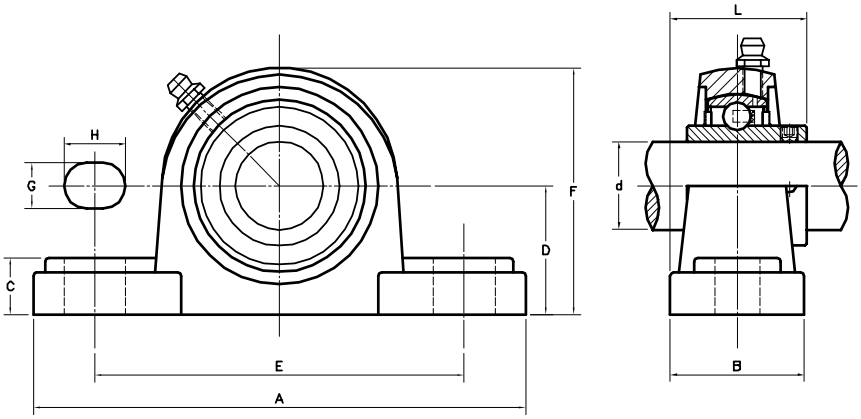
SUCSP 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Base
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SUCSP201-8		1/2	126	38	15.1	33.3	95	65.1	11	17.5	37.3	SUC201-8	SP204	0.8
SUCSP202-10		5/8	5.0	1.50	0.59	1.312	3.75	2.56	0.43	0.68	1.46	SUC202-10		
SUCSP204-20MM	20		126	38	15.1	33.3	95	65.1	11	17.5	37.3	SUC204-20MM	SP204	0.8
SUCSP204-12		3/4	5.0	1.50	0.59	1.312	3.75	2.56	0.43	0.68	1.46	SUC204-12		
SUCSP205-25MM	25		140	38	16	36.5	105	70	12.9	17.9	38.8	SUC205-25MM	SP205	1.0
SUCSP205-14		7/8	5.5	1.50	0.63	1.437	4.13	2.76	0.5	0.70	1.52	SUC205-14		
SUCSP205-15		15/16										SUC205-15		
SUCSP205-16		1										SUC205-16		
SUCSP206-30MM	30		165	48	18	42.9	121	83	14.3	21	46.2	SUC206-30MM	SP206	1.6
SUCSP206-18		1-1/8	6.5	1.89	0.70	1.687	4.75	3.26	0.56	0.82	1.81	SUC206-18		
SUCSP206-19		1-3/16										SUC206-19		
SUCSP206-20		1-1/4										SUC206-20		
SUCSP207-35MM	35		167	48	19	47.6	127	94	14.3	22	49.4	SUC207-35MM	SP207	2.0
SUCSP207-20		1-1/4	6.6	1.89	0.75	1.875	5.00	3.70	0.56	0.86	1.94	SUC207-20		
SUCSP207-22		1-3/8										SUC207-22		
SUCSP207-23		1-7/16										SUC207-23		
SUCSP208-40MM	40		184	54	19	49.2	136.5	100	14.3	22	57.2	SUC208-40MM	SP208	2.5
SUCSP208-24		1-1/2	7.25	2.13	0.75	1.937	5.38	3.94	0.56	0.86	2.25	SUC208-24		
SUCSP209-45MM	45		190	54	20	54	146	109	15	21	57.2	SUC209-45MM	SP209	2.8
SUCSP209-27		1-11/16	7.48	2.13	0.79	2.125	5.75	4.29	0.59	0.83	2.25	SUC209-27		
SUCSP209-28		1-3/4										SUC209-28		
SUCSP210-50MM	50		206	60	22	57.2	159	114	18	24	62.5	SUC210-50MM	SP210	3.5
SUCSP210-31		1-15/16	8.11	2.36	0.87	2.250	6.26	4.49	0.71	0.94	2.46	SUC210-31		
SUCSP210-32		2										SUC210-32		
SUCSP211-55MM	55		219	60	23	63.5	171	126	20	25	69.7	SUC211-50MM	SP211	4.0
SUCSP211-32		2	8.62	2.36	0.91	2.50	6.73	4.96	0.79	0.98	2.75	SUC211-32		
SUCSP211-35		2-3/16										SUC211-35		
SUCSP212-60MM	60		24.1	70	25	69.8	184	138	20	25	79.5	SUC212-60MM	SP212	5.8
SUCSP212-39		2-7/16	9.5	2.75	1.10	2.75	7.24	5.43	0.79	0.98	3.13	SUC212-39		

Note: Larger sizes available with Nickel Plated Housing. Inserts thru 3 inches from stock.

Stainless Steel Pillow Block

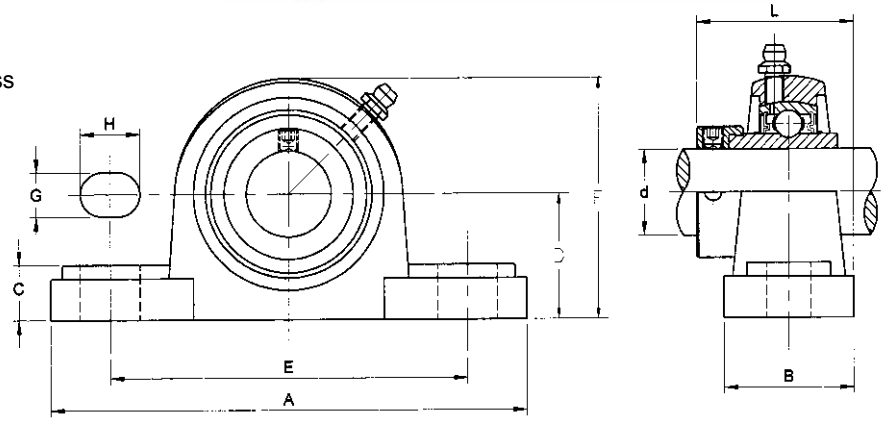
SHCSP 200 Silver Series

Stainless Steel Normal Duty Bearing
Eccentric Lock, Solid Base
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1
Collar: 304 Stainless

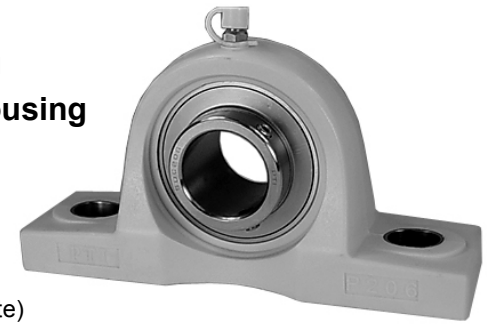


Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SHCSP201-8		1/2	126	38	15.1	33.3	95	65.1	11	17.5	45.6	SHC201-8	SP204	0.8
SHCSP202-10		5/8	5.0	1.50	0.59	1.312	3.75	2.56	0.43	0.68	1.80	SHC202-10		
SHCSP204-20MM	20		126	38	15.1	33.3	95	65.1	11	17.5	45.6	SHC204-20MM	SP204	0.8
SHCSP204-12		3/4	5.0	1.50	0.59	1.312	3.75	2.56	0.43	0.68	1.80	SHC204-12		
SHCSP205-25MM	25		140	38	16	36.5	105	70	12.9	17.9	45.9	SHC205-25MM	SP205	1.0
SHCSP205-14		7/8	5.5	1.50	0.63	1.437	4.13	2.76	0.5	0.70	1.81	SHC205-14		
SHCSP205-15		15/16										SHC205-15		
SHCSP205-16		1										SHC205-16		
SHCSP206-30MM	30		165	48	18	42.9	121	83	14.3	21	54.1	SHC206-30MM	SP206	1.6
SHCSP206-18		1-1/8	6.5	1.89	0.70	1.687	4.75	3.26	0.56	0.82	2.13	SHC206-18		
SHCSP206-19		1-3/16										SHC206-19		
SHCSP206-20		1-1/4										SHC206-20		
SHCSP207-35MM	35		167	48	19	47.6	127	94	14.3	22	56.3	SHC207-35MM	SP207	2.0
SHCSP207-20		1-1/4	6.6	1.89	0.75	1.875	5.00	3.70	0.56	0.86	2.22	SHC207-20		
SHCSP207-22		1-3/8										SHC207-22		
SHCSP207-23		1-7/16										SHC207-23		
SHCSP208-40MM	40		184	54	19	49.2	136.5	100	14.3	22	61.9	SHC208-40MM	SP208	2.5
SHCSP208-24		1-1/2	7.25	2.13	0.75	1.937	5.38	3.94	0.56	0.86	2.44	SHC208-24		
SHCSP209-45MM	45		190	54	20	54	146	109	15	21	61.9	SHC209-45MM	SP209	2.8
SHCSP209-27		1-11/16	7.48	2.13	0.79	2.125	5.75	4.29	0.59	0.83	2.44	SHC209-27		
SHCSP209-28		1-3/4										SHC209-28		
SHCSP210-50MM	50		206	60	22	57.2	159	114	18	24	68.1	SHC210-50MM	SP210	3.5
SHCSP210-31		1-15/16	8.11	2.36	0.87	2.250	6.26	4.49	0.71	0.94	2.68	SHC210-31		
SHCSP210-32		2										SHC210-32		
SHCSP211-55MM	55		219	60	23	63.5	171	126	20	25	73.6	SHC211-50MM	SP211	4.0
SHCSP211-32		1-7/8	8.62	2.36	0.91	2.50	6.73	4.96	0.79	0.98	2.90	SHC211-32		
SHCSP211-35		2-3/16										SHC211-35		
SHCSP212-60MM	60		24.1	70	25	69.8	184	138	20	25	81.8	SHC212-60MM	SP212	5.8
SHCSP212-39		2-7/16	9.5	2.75	1.10	2.75	7.24	5.43	0.79	0.98	3.22	SHC212-39		

Thermoplastic Pillow Block

SUCTP 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT White / Black Thermoplastic Housing
Set Screw Lock, Solid Base
Metric and Inch Bores

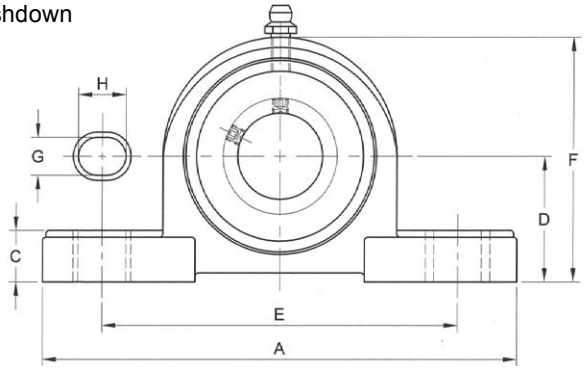


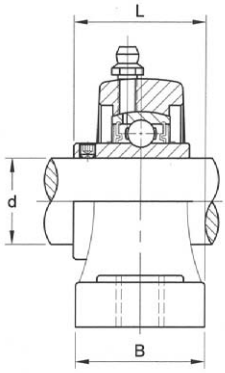


Black Housing Option

Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1
- End covers available from stock





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SUCTP201-8		1/2	127	38	14.2	33.3	95	65	11	14	37.3	SUC201-8	TP204 (TP204BLK)	0.3
SUCTP202-10		5/8	5.00	1.50	0.56	1.312	3.74	2.55	0.43	0.55	1.46	SUC202-10		
SUCTP204-20MM	20		127	38	14.2	33.3	95	65	11	14	37.3	SUC204-20MM	TP204 (TP204BLK)	0.3
SUCTP204-12		3/4	5.00	1.50	0.56	1.312	3.74	2.55	0.43	0.55	1.46	SUC204-12		
SUCTP205-25MM	25		140	38	14.5	36.5	105	71	11	14	38.8	SUC205-25MM	TP205 TP205A (TP205BLK)	0.4
SUCTP205-14		7/8	5.51	1.50	0.57	1.437	4.13	2.79	0.43	0.55	1.52	SUC205-14		
SUCTP205-15		15/16										SUC205-15		
SUCTP205-16		1										SUC205-16		
SUCTP206-30MM	30		162	46	17.8	42.9	119	83	14	18	45.2	SUC206-30MM	TP206 (TP206BLK)	0.7
SUCTP206-18		1-1/8	6.41	1.81	0.70	1.687	4.69	3.26	0.55	0.71	1.77	SUC206-18		
SUCTP206-19		1-3/16										SUC206-19		
SUCTP206-20		1-1/4										SUC206-20		
SUCTP207-35MM	35		167	48	18	47.6	127	94	14	18	49.4	SUC207-35MM	TP207 (TP207BLK)	0.9
SUCTP207-20		1-1/4	6.57	1.89	0.71	1.875	5.00	3.70	0.55	0.71	1.94	SUC207-20		
SUCTP207-22		1-3/8										SUC207-22		
SUCTP207-23		1-7/16										SUC207-23		
SUCTP208-40MM	40		184	54	19.5	49.2	137	98	14	18	57.2	SUC208-40MM	TP208 (TP208BLK)	1.1
SUCTP208-24		1-1/2	7.24	2.13	0.77	1.937	5.39	385	0.55	0.71	2.25	SUC208-24		
SUCTP209-45MM	45		192	54	23	54	146	106	17	20	57.2	SUC209-45MM	TP209 (TP209BLK)	1.3
SUCTP209-27		1-11/16	7.56	2.13	0.91	2.125	5.75	4.17	0.67	0.79	2.25	SUC209-27		
SUCTP209-28		1-3/4										SUC209-28		
SUCTP210-50MM	50		206	60	23	57.2	159	114	17	20	62.6	SUC210-50MM	TP210 (TP210BLK)	1.5
SUCTP210-31		1-15/16	8.11	2.36	0.91	2.250	6.26	4.49	0.67	0.79	2.46	SUC210-31		
SUCTP210-32		2										SUC210-32		
SUCTP211-55MM	55		219	60	23	63.5	171	126	17	20	93.4	SUC211-55MM	TP211 (TP211BLK)	1.9
SUCTP211-32		2	8.62	2.36	0.91	2.50	6.73	4.96	0.67	0.79	3.68	SUC211-32		
SUCTP211-35		2-3/16										SUC211-35		
SUCTP212-60MM	60		241	70	28	69.8	184	138	17	20	109.7	SUC212-60MM	TP212 (TP212BLK)	2.6
SUCTP212-39		2-7/16	9.50	2.75	1.10	2.75	7.24	5.43	0.67	0.79	4.32	SUC212-39		

Note: Black housing also available from stock. TP205A lube fitting at 45°.

Thermoplastic Pillow Block

SHCTP 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT White / Black Thermoplastic Housing
Eccentric Lock Collar, Solid Base
Metric and Inch Bores

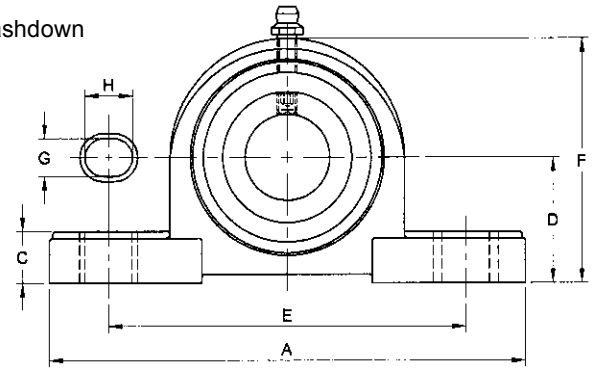


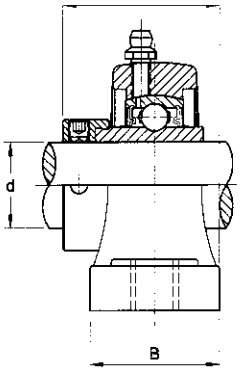


Black Housing Option

Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1
- End covers available from stock





Part No.	Shaft Size d		Dimensions (mm) (in)									Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	L			
SHCTP201-8		1/2	127	38	14.2	33.3	95	65	11	14	45.6	SHC201-8	TP204	0.3
SHCTP202-10		5/8	5.00	1.50	0.26	1.312	3.74	2.55	0.43	0.55	1.80	SHC202-10	(TP204BLK)	
SHCTP204-20MM	20		127	38	14.2	33.3	95	65	11	14	45.6	SHC204-20MM	TP204	0.3
SHCTP204-12		3/4	5.00	1.50	0.56	1.312	3.74	2.55	0.43	0.55	1.80	SHC204-12	(TP204BLK)	
SHCTP205-25MM	25		140	38	14.5	36.5	105	71	11	14	45.9	SHC205-25MM	TP205 TP205A (TP205BLK)	0.4
SHCTP205-14		7/8	5.51	1.50	0.57	1.437	4.13	2.79	0.43	0.55	1.81	SHC205-14		
SHCTP205-15		15/16										SHC205-15		
SHCTP205-16		1										SHC205-16		
SHCTP206-30MM	30		162	46	17.8	42.9	119	83	14	18	53.1	SHC206-30MM	TP206 (TP206BLK)	0.7
SHCTP206-18		1-1/8	6.41	1.81	0.70	1.687	4.69	3.26	0.55	0.71	2.09	SHC206-18		
SHCTP206-19		1-3/16										SHC206-19		
SHCTP206-20		1-1/4										SHC206-20		
SHCTP207-35MM	35		167	48	18	47.6	127	94	14	18	56.3	SHC207-35MM	TP207 (TP207BLK)	0.9
SHCTP207-20		1-1/4	6.57	1.89	0.71	1.875	5.00	3.70	0.55	0.71	2.22	SHC207-20		
SHCTP207-22		1-3/8										SHC207-22		
SHCTP207-23		1-7/16										SHC207-23		
SHCTP208-40MM	40		184	54	19.5	49.2	137	98	14	18	61.9	SHC208-40MM	TP208	1.1
SHCTP208-24		1-1/2	7.24	2.13	0.77	1.937	5.39	385	0.55	0.71	2.44	SHC208-24	(TP208BLK)	
SHCTP209-45MM	45		192	54	23	54	146	106	17	20	61.9	SHC209-45MM	TP209	1.3
SHCTP209-28		1-3/4	7.56	2.13	0.91	2.125	5.75	4.17	0.67	0.79	2.44	SHC209-28	(TP209BLK)	
SHCTP210-50MM	50		206	60	23	57.2	159	114	17	20	68.1	SHC210-50MM	TP210 (TP210BLK)	1.5
SHCTP210-31		1-15/16	8.11	2.36	0.91	2.250	6.26	4.49	0.67	0.79	2.68	SHC210-31		
SHCTP210-32		2										SHC210-32		
SHCTP211-55MM	55		219	60	23	63.5	171	126	17	20	73.6	SHC211-55MM	TP211 (TP211BLK)	1.9
SHCTP211-32		2	8.62	2.36	0.91	2.50	6.73	4.96	0.67	0.79	2.90	SHC211-32		
SHCTP211-35		2-3/16										SHC211-35		
SHCTP212-60MM	60		241	70	28	69.8	184	138	17	20	81.8	SHC212-60MM	TP212	2.6
SHCTP212-39		2-7/16	9.50	2.75	1.10	2.75	7.24	5.43	0.67	0.79	3.22	SHC212-39	(TP212BLK)	

Note: Black housing also available from stock. TP205A Lube Fitting at 45°.

Stainless Steel Tapped Base

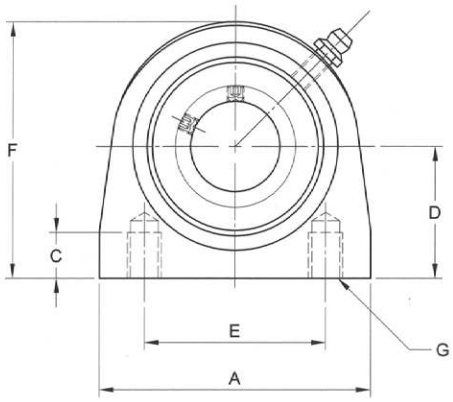
SUCSPA 200 Silver Series

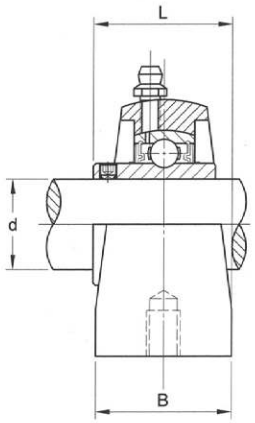
Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Base
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SUCSPA201-8		1/2	73	38	13	33.3	50.8	65	—	37.3	SUC201-8	SPA204	0.8
SUCSPA202-10		5/8	2.87	1.53	0.5	1.31	2	2.56	3/8-16		SUC202-10		
SUCSPA204-20MM	20		73	38	13	33.3	50.8	65	—	37.3	SUC204-20MM	SPA204	0.8
SUCSPA204-12		3/4	2.87	1.53	0.5	1.312	2	2.56	3/8-16	1.47	SUC204-12		
SUCSPA205-25MM	25		76	38	13	36.5	50.8	71	—	38.8	SUC205-25MM	SPA205	1.0
SUCSPA205-14		7/8	3.0	1.53	0.5	1.437	2	2.79	3/8-16	1.53	SUC205-14		
SUCSPA205-15		15/16									SUC205-15		
SUCSPA205-16		1									SUC205-16		
SUCSPA206-30MM	30		102	38	16	42.9	76.2	86	—	41.2	SUC206-30MM	SPA206	1.6
SUCSPA206-18		1-1/8	4.0	1.53	0.63	1.687	3	3.38	7/16-14	1.62	SUC206-18		
SUCSPA206-19		1-3/16									SUC206-19		
SUCSPA206-20		1-1/4									SUC206-20		
SUCSPA207-35MM	35		108	48	19	47.6	82.6	95	—	49.4	SUC207-35MM	SPA207	2.0
SUCSPA207-20		1-1/4	4.25	1.89	0.75	1.875	3.25	3.74	1/2-13	1.94	SUC207-20		
SUCSPA207-22		1-3/8									SUC207-22		
SUCSPA207-23		1-7/16									SUC207-23		
SUCSPA208-40MM	40		117	48	19	49.2	88.9	100	—	54.2	SUC208-40MM	SPA208	2.5
SUCSPA208-24		1-1/2	4.60	1.89	0.75	1.937	3.50	3.94	1/2-13	2.13	SUC208-24		
SUCSPA209-45MM	45		127	51	19	54	95.3	108	—	55.7	SUC209-45MM	SPA209	2.8
SUCSPA209-27		1-11/16	5.00	2.01	0.75	2.125	3.75	4.25	1/2-13	2.19	SUC209-27		
SUCSPA209-28		1-3/4									SUC209-28		
SUCSPA210-50MM	50		140	51	22	57.2	101.6	117	—	58.1	SUC210-50MM	SPA210	3.5
SUCSPA210-31		1-15/16	5.51	2.01	0.87	2.250	4.00	4.61	5/8-11	2.29	SUC210-31		
SUCSPA210-32		2									SUC210-32		

Stainless Steel Tapped Base

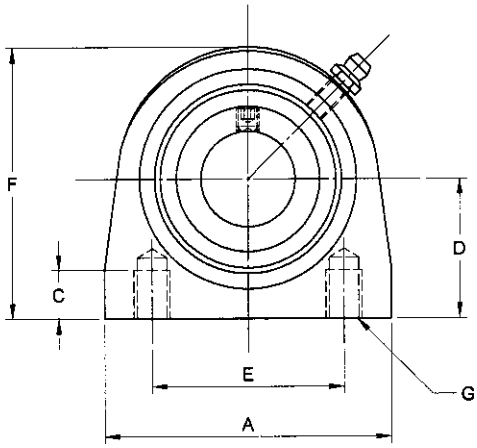
SHCSPA 200 Silver Series

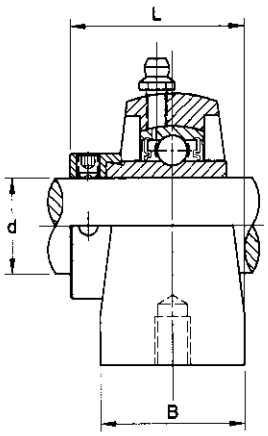
Stainless Steel Normal Duty Bearing
Eccentric Lock, Solid Base
Metric and Inch Bores



Housing:
- AISI 304 Stainless, Solid Base
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1
- Collar: AISI 304 Stainless





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SHCSPA201-8		1/2	73	38	13	33.3	50.8	65	—	45.6	SHC201-8	SPA204	0.8
SHCSPA202-10		5/8	2.87	1.53	0.5	1.312	2	2.56	3/8-16	1.80	SHC202-10		
SHCSPA204-20MM	20		73	38	13	33.3	50.8	65	—	45.6	SHC204-20MM	SPA204	0.8
SHCSPA204-12		3/4	2.87	1.53	0.5	1.312	2	2.56	3/8-16	1.80	SHC204-12		
SHCSPA205-25MM	25		76	38	13	36.5	50.8	71	—	45.9	SHC205-25MM	SPA205	1.0
SHCSPA205-14		7/8	3.0	1.53	0.5	1.437	2	2.79	3/8-16	1.81	SHC205-14		
SHCSPA205-15		15/16									SHC205-15		
SHCSPA205-16		1									SHC205-16		
SHCSPA206-30MM	30		102	38	16	42.9	76.2	86	—	49.1	SHC206-30MM	SPA206	1.6
SHCSPA206-18		1-1/8	4.0	1.53	0.63	1.687	3	3.38	7/16-14	1.93	SHC206-18		
SHCSPA206-19		1-3/16									SHC206-19		
SHCSPA206-20		1-1/4									SHC206-20		
SHCSPA207-35MM	35		108	48	19	47.6	82.6	95	—	56.3	SHC207-35MM	SPA207	2.0
SHCSPA207-20		1-1/4	4.25	1.89	0.75	1.875	3.25	3.74	1/2-13	2.22	SHC207-20		
SHCSPA207-22		1-3/8									SHC207-22		
SHCSPA207-23		1-7/16									SHC207-23		
SHCSPA208-40MM	40		117	48	19	49.2	88.9	100	—	58.9	SHC208-40MM	SPA208	2.5
SHCSPA208-24		1-1/2	4.60	1.89	0.75	1.937	3.50	3.94	1/2-13	2.32	SHC208-24		
SHCSPA209-45MM	45		127	51	19	54	95.3	108	—	60.4	SHC209-45MM	SPA209	2.8
SHCSPA209-27		1-11/16	5.00	2.01	0.75	2.125	3.75	4.25	1/2-13	2.38	SHCSPA-27		
SHCSPA209-28		1-3/4									SHC209-28		
SHCSPA210-50MM	50		140	51	22	57.2	101.6	117	—	63.6	SHC210-50MM	SPA210	3.5
SHCSPA210-31		1-15/16	5.51	2.01	0.87	2.250	4.00	4.61	5/8-11	2.50	SHC210-31		
SHCSPA210-32		2									SHC210-32		

Thermoplastic Tapped Base

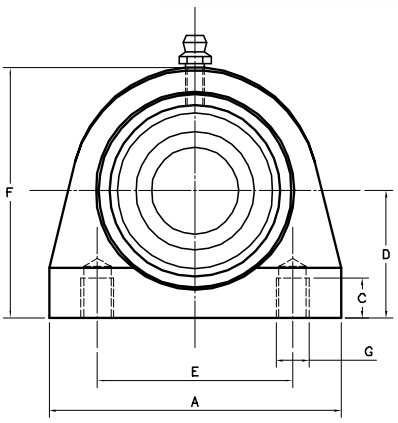
SUCTTB 200 Silver Series

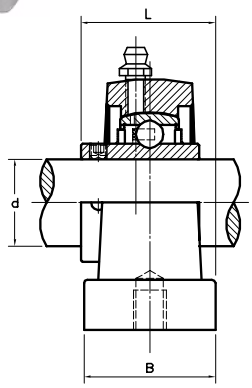
Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Set Screw Lock, Solid Base
Metric and Inch Bores



Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainles
- Grease: Mobil FM222 USDA H-1
- End covers available from stock





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SUCTTB201-8		1/2	72.8	34.5	10	33.3	50.8	66	-	35.6	SUC201-8	TTB204*	0.3
SUCTTB202-10		5/8	2.87	1.36	0.39	1.312	2.0	2.60	3/8-16	1.40	SUC202-10		
SUCTTB204-20MM	20		72.8	34.5	10	33.3	50.8	66	-	35.6	SUC204-20MM	TTB204*	0.3
SUCTTB204-12		3/4	2.87	1.36	0.39	1.132	2.0	2.60	3/8-16	1.40	SUC204-12		
SUCTTB205-25MM	25		76.2	39.5	13	36.5	50.8*	73.5	-	39.6	SUC205-25MM	TTB205*■	0.4
SUCTTB205-14		7/8	3.0	1.56	0.51	1.437	2.0	2.89	3/8-16	1.56	SUC205-14		
SUCTTB205-15		15/16									SUC205-15		
SUCTTB205-16		1									SUC205-16		
SUCTTB206-30MM	30		101	42.5	13	42.9	76.2	84	-	43.5	SUC206-30MM	TTB206*	0.7
SUCTTB206-18		1-1/8	3.98	1.67	0.51	1.687	3.00	3.31	7/16-14	1.71	SUC206-18		
SUCTTB206-19		1-3/16									SUC206-19		
SUCTTB206-20		1-1/4									SUC206-20		
SUCTTB207-35MM	35		110	47.5	13	47.6	82.6	95	-	49.2	SUC207-35MM	TTB207*	0.9
SUCTTB207-20		1-1/4	4.33	1.87	0.51	1.875	3.25	3.74	1/2-13	1.94	SUC207-20		
SUCTTB207-22		1-3/8									SUC207-22		
SUCTTB207-23		1-7/16									SUC207-23		
SUCTTB208-40MM	40		120	48	15	49.2	88.9	100.5	-	54.2	SUC208-40MM	TTB208*	1.1
SUCTTB208-24		1-1/2	4.72	1.89	0.59	1.937	3.50	3.96	1/2-13	2.13	SUC208-24		
SUCTTB209-45MM	45		124	50	19	54	95.3	108.5	-	55.2	SUC209-45MM	TTB209*	1.3
SUCTTB209-27		1-11/16	4.89	1.97	0.75	2.125	3.75	4.27	1/2-13	2.17	SUC209-27		
SUCTTB209-28		1-3/4									SUC209-28		
SUCTTB210-50MM	50		135	54	22	57.2	101.6	115	-	59.6	SUC210-50MM	TTB210*	1.5
SUCTTB210-31		1-15/16	5.31	2.13	0.87	2.250	4.00	4.53	5/8-11	2.35	SUC210-31		
SUCTTB210-32		2									SUC210-32		

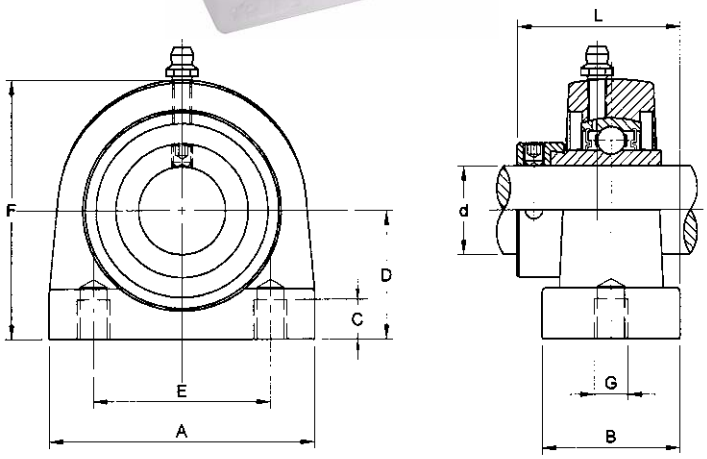
Note: ■TPA205X Housing size with 56mm or 2-13/64" bolt centers also stocked. *Black Housing also available on request.

Thermoplastic Tapped Base

SHCTTB 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Eccentric Lock Collar, Solid Base
Metric and Inch Bores





Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainles
- Grease: Mobil FM222 USDA H-1

Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G**	L			
SHCTTB201-8		1/2	72.8	34.5	10	33.3	50.8	66	—	43.85	SHC201-8	TTB204*	0.3
SHCTTB202-10		5/8	2.87	1.36	0.39	1.312	2.0	2.60	3/8-16	1.73	SHC202-10		
SHCTTB204-20MM	20		72.8	34.5	10	33.3	50.8	66	—	43.85	SHC204-20MM	TTB204*	0.3
SHCTTB204-12		3/4	2.87	1.36	0.39	1.132	2.0	2.60	3/8-16	1.73	SHC204-12		
SHCTTB205-25MM	25		76.2	39.5	13	36.5	50.8*	73.5	—	46.65	SHC205-25MM	TTB205*■	0.4
SHCTTB205-14		7/8	3.0	1.56	0.51	1.437	2.0	2.89	3/8-16	1.84	SHC205-14		
SHCTTB205-15		15/16									SHC205-15		
SHCTTB205-16		1									SHC205-16		
SHCTTB206-30MM	30		101	42.5	13	42.9	76.2	84	—	51.35	SHC206-30MM	TTB206*	0.7
SHCTTB206-18		1-1/8	3.98	1.67	0.51	1.687	3.00	3.31	7/16-14	2.02	SHC206-18		
SHCTTB206-19		1-3/16									SHC206-19		
SHCTTB206-20		1-1/4									SHC206-20		
SHCTTB207-35MM	35		110	47.5	13	47.6	82.6	95	—	56.05	SHC207-35MM	TTB207*	0.9
SHCTTB207-20		1-1/4	4.33	1.87	0.51	1.875	3.25	3.74	1/2-13	2.21	SHC207-20		
SHCTTB207-22		1-3/8									SHC207-22		
SHCTTB207-23		1-7/16									SHC207-23		
SHCTTB208-40MM	40		120	48	15	49.2	88.9	100.5	—	58.9	SHC208-40MM	TTB208*	1.1
SHCTTB208-24		1-1/2	4.72	1.89	0.59	1.937	3.50	3.96	1/2-13	2.32	SHC208-24		
SHCTTB209-45MM	45		124	50	19	54	95.3	108.5	—	59.9	SHC209-45MM	TTB209*	1.3
SHCTTB209-27		1-11/16	4.89	1.97	0.75	2.125	3.75	4.27	1/2-13	2.36	SHC209-27		
SHCTTB209-28		1-3/4									SHC209-28		
SHCTTB210-50MM	50		135	54	22	57.2	101.6	115	—	65.1	SHC210-50MM	TTB210*	1.5
SHCTTB210-31		1-15/16	5.31	2.13	0.87	2.250	4.00	4.53	5/8-11	2.56	SHC210-31		
SHCTTB210-32		2									SHC210-32		

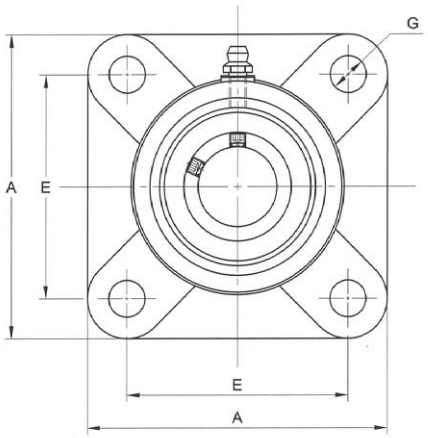
Note: ■TPA205X Housing size with 56mm or 2-13/64" bolt centers also stocked. *Black Housing also available on request.
** Metric threads available upon request.

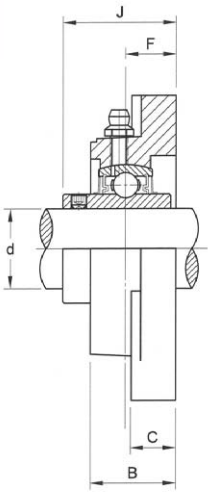
Stainless Steel 4-Bolt Flange

SUCSF 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Flange
Metric and Inch Bores







Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1

Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
SUCSF201-8		1/2	86	25.4	12.0	63.5	15.1	11	33.4	SUC201-8	SF204	0.8
SUCSF202-10		5/8	3.38	1.00	0.47	2.50	0.59	0.43	1.31	SUC202-10		
SUCSF204-20MM	20		86	25.4	12.0	63.5	15.1	11	33.4	SUC204-20MM	SF204	0.8
SUCSF204-12		3/4	3.38	1.00	0.47	2.50	0.59	0.43	1.31	SUC204-12		
SUCSF205-25MM	25		95	27	14.0	70	15.9	11.5	35.7	SUC205-25MM	SF205	1.0
SUCSF205-14		7/8	3.75	1.06	0.55	2.75	0.63	0.45	1.40	SUC205-14		
SUCSF205-15		15/16								SUC205-15		
SUCSF205-16		1								SUC205-16		
SUCSF206-30MM	30		108	30	14.0	82.5	17.9	13.1	40.1	SUC206-30MM	SF206	1.6
SUCSF206-18		1-1/8	4.25	1.18	0.55	3.25	0.7	0.51	1.57	SUC206-18		
SUCSF206-19		1-3/16								SUC206-19		
SUCSF206-20		1-1/4								SUC206-20		
SUCSF207-35MM	35		117.5	33	14.3	92	19.1	13.1	44.5	SUC207-35MM	SF207	2.0
SUCSF207-20		1-1/4	4.62	1.3	0.56	3.63	0.75	0.51	1.75	SUC207-20		
SUCSF207-22		1-3/8								SUC207-22		
SUCSF207-23		1-7/16								SUC207-23		
SUCSF208-40MM	40		130	36	14.3	101.6	21	14	51.2	SUC208-40MM	SF208	2.5
SUCSF208-24		1-1/2	5.12	1.47	0.56	4.00	0.83	0.55	2.01	SUC208-24		
SUCSF209-45MM	45		137	38	14.3	104.8	21.8	16	52	SUC209-45MM	SF209	2.8
SUCSF209-27		1-11/16	5.39	1.50	0.56	4.13	0.86	0.63	2.05	SUC209-27		
SUCSF209-28		1-3/4								SUC209-28		
SUCSF210-50MM	50		143	39	15.1	111	21.8	16	54.3	SUC210-50MM	SF210	3.5
SUCSF210-31		1-15/16	5.63	1.54	0.59	4.37	0.86	0.63	2.14	SUC210-31		
SUCSF210-32		2								SUC210-32		
SUCSF211-55MM	55		162	43	20.5	130	25	16.0	58.4	SUC211-55MM	SF211	4.5
SUCSF211-35		2-3/16	6.38	1.69	0.81	5.12	0.98	0.63	2.30	SUC211-35		
SUCSF212-60MM	60		175	48	20	143	29	19.0	68.7	SUC212-60MM	SF212	5.4
SUCSF212-39		2-7/16	6.89	1.89	0.79	5.63	1.14	0.75	2.70	SUC212-39		

Note: Larger sizes with Nickel Plated Housings available upon request. Larger Bearing inserts to 3 inches are stock.

Stainless Steel 4-Bolt Flange

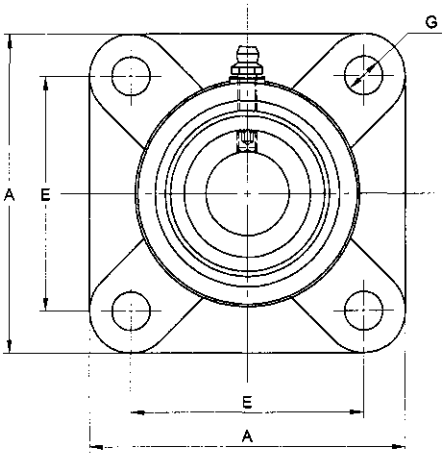
SHCSF 200 Silver Series

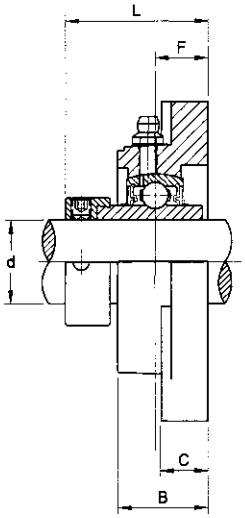
Stainless Steel Normal Duty Bearing
Eccentric Lock Collar, Solid Flange
Metric and Inch Bores



Housing:
- AISI 304 Stainless, Solid Base
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1





Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	E	F	G	L			
SHCSF201-8		1/2	86	25.4	12.0	63.5	15.1	11	41.7	SHC201-8	SF204	0.8
SHCSF202-10		5/8	3.38	1.00	0.47	2.50	0.59	0.43	1.64	SHC202-10		
SHCSF204-20MM	20		86	25.4	12.0	63.5	15.1	11	41.7	SHC204-20MM	SF204	0.8
SHCSF204-12		3/4	3.38	1.00	0.47	2.50	0.59	0.43	1.64	SHC204-12		
SHCSF205-25MM	25		95	27	14.0	70	15.9	11.5	42.8	SHC205-25MM	SF205	1.0
SHCSF205-14		7/8	3.75	1.06	0.55	2.75	0.63	0.45	1.69	SHC205-14		
SHCSF205-15		15/16								SHC205-15		
SHCSF205-16		1								SHC205-16		
SHCSF206-30MM	30		108	30	14.0	82.5	17.9	13.1	48.0	SHC206-30MM	SF206	1.6
SHCSF206-18		1-1/8	4.25	1.18	0.55	3.25	0.70	0.51	1.89	SHC206-18		
SHCSF206-19		1-3/16								SHC206-19		
SHCSF206-20		1-1/4								SHC206-20		
SHCSF207-35MM	35		117.5	33	14.3	92	19.1	13.1	51.4	SHC207-35MM	SF207	2.0
SHCSF207-20		1-1/4	4.62	1.3	0.56	3.63	0.75	0.51	2.02	SHC207-20		
SHCSF207-22		1-3/8								SHC207-22		
SHCSF207-23		1-7/16								SHC207-23		
SHCSF208-40MM	40		130	36	14.3	101.6	21	14	55.9	SHC208-40MM	SF208	2.5
SHCSF208-24		1-1/2	5.12	1.47	0.56	4.00	0.83	0.55	2.20	SHC208-24		
SHCSF209-45MM	45		137	38	14.3	104.8	21.8	16	56.7	SHC209-45MM	SF209	2.8
SHCSF209-27		1-11/16	5.39	1.50	0.56	4.13	0.86	0.63	2.23	SHC209-27		
SHCSF209-28		1-3/4								SHC209-28		
SHCSF210-50MM	50		143	39	15.1	111	21.8	16	59.9	SHC210-50MM	SF210	3.5
SHCSF210-31		1-15/16	5.63	1.54	0.59	4.37	0.86	0.63	2.36	SHC210-31		
SHCSF210-32		2								SHC210-32		
SHCSF211-55MM	55		162	43	20.5	130	25	16	68.6	SHC211-55MM	SF211	4.5
SHCSF211-35		2-3/16	6.38	1.69	0.81	5.12	0.98	0.63	2.70	SHC211-35		
SHCSF212-60MM	60		175	48	20	143	29	19	75.8	SHC212-60MM	SF212	5.4
SHCSF212-39		2-7/16	6.89	1.89	0.79	5.63	1.14	0.75	2.98	SHC212-39		

Thermoplastic 4-Bolt Flange Units

SUCTF 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Set Screw Lock, Solid Base
Metric and Inch Bores

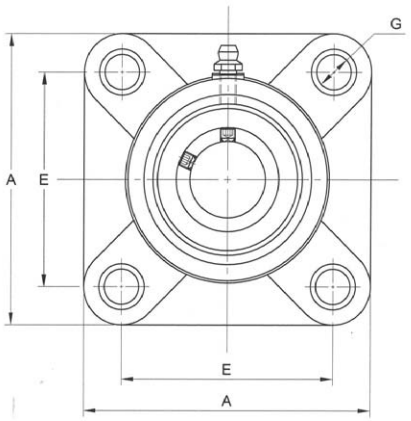


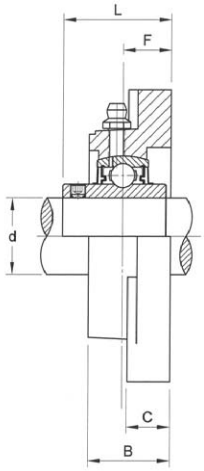


Black Housing Option

Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1
- End covers and Back covers are available from stock





Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No	Wt. kg
	mm	in	A	B	C	E	F	G	L			
SUCTF201-8		1/2	86	27	13.4	63.5	15	11	33.4	SUC201-8	TF204	0.3
SUCTF202-10		5/8	3.38	1.06	0.50	2.50	0.59	0.47	1.31	SUC202-10	(TF204BLK)	
SUCTF204-20MM	20		86	27	13.4	63.5	15	11	33.4	SUC204-20MM	TF204	0.3
SUCTF204-12		3/4	3.38	1.06	0.50	2.50	0.59	0.47	1.31	SUC204-12	(TF204BLK)	
SUCTF205-25MM	25		95	28	14.0	70	16	11	35.8	SUC205-25MM		
SUCTF205-14		7/8	3.75	1.10	0.55	2.75	0.62	0.47	1.41	SUC205-14	TF205	0.4
SUCTF205-15		15/16								SUC205-15	(TF205BLK)	
SUCTF205-16		1								SUC205-16		
SUCTF206-30MM	30		107	31	14.3	83	19.0	11	41.2	SUC206-30MM		
SUCTF206-18		1-1/8	4.21	1.22	0.56	3.25	0.74	0.47	1.62	SUC206-18	TF206	0.7
SUCTF206-19		1-3/16								SUC206-19	(TF206BLK)	
SUCTF206-20		1-1/4								SUC206-20		
SUCTF207-35MM	35		117	34	16.0	92	19.0	13	44.4	SUC207-35MM		
SUCTF207-20		1-1/4	4.60	1.33	0.62	3.63	0.74	0.55	1.75	SUC207-20	TF207	0.9
SUCTF207-22		1-3/8								SUC207-22	(TF207BLK)	
SUCTF207-23		1-7/16								SUC207-23		
SUCTF208-40MM	40		130	37.5	20.0	102	21	14	51.2	SUC208-40MM	TF208	1.1
SUCTF208-24		1-1/2	5.12	1.47	0.78	4.00	0.82	0.63	2.02	SUC208-24	(TF208BLK)	
SUCTF209-45MM	45		137	41	19	105	22	17	52.2	SUC209-45MM		
SUCTF209-27		1-11/16	5.39	1.61	0.75	4.13	0.87	0.63	2.06	SUC209-27	TF209	1.3
SUCTF209-28		1-3/4								SUC209-28	(TF209BLK)	
SUCTF210-50MM	50		143	43	21	111	22	17	54.6	SUC210-50MM		
SUCTF210-31		1-15/16	5.63	1.69	0.83	4.37	0.87	0.63	2.15	SUC210-31	TF210	1.5
SUCTF210-32		2								SUC210-32	(TF210BLK)	
SUCTF211-55MM	55		162	58.4	23	130	26	19	59.4	SUC211-55MM		
SUCTF211-32		2	6.30	2.30	0.91	5.12	1.02	0.75	2.34	SUC211-32	TF211	2.1
SUCTF211-35		2-3/16								SUC211-35	(TF211BLK)	
SUCTF212-60MM	60		175	68.7	25	143	29	23	68.7	SUC212-60MM	TF212	2.5
SUCTF212-39		2-7/16	6.89	2.70	0.98	5.63	1.14	0.91	2.70	SUC212-39	(TF212BLK)	

Note: Black Housing also available on request.

Thermoplastic 4-Bolt Flange Units

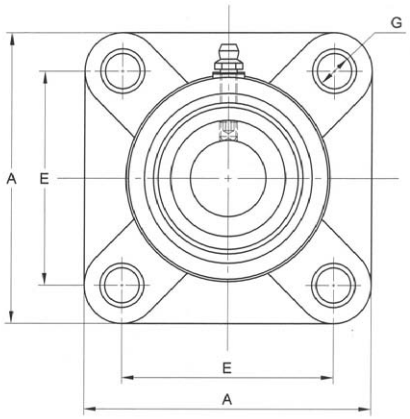
SHCTF 200 Silver Series

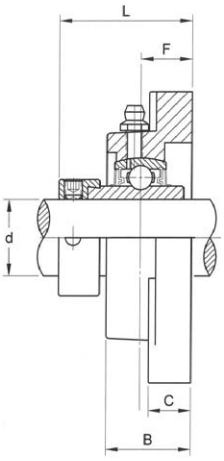
Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Eccentric Lock Collar, Solid Base
Metric and Inch Bores





Black Housing Option





Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1

Part No.	Shaft Size d		Dimensions (mm) (in)							Bearing No.	Housing No	Wt. kg
	mm	in	A	B	C	E	F	G	L			
SHCTF201-8		1/2	86	27	13.4	63.5	15	11	41.6	SHC201-8	TF204	0.3
SHCTF202-10		5/8	3.38	1.06	0.50	2.50	0.59	0.47	1.64	SHC202-10	(TF204BLK)	
SHCTF204-20MM	20		86	27	13.4	63.5	15	11	41.6	SHC204-20MM	TF204	0.3
SHCTF204-12		3/4	3.38	1.06	0.50	2.50	0.59	0.47	1.64	SHC204-12	(TF204BLK)	
SHCTF205-25MM	25		95	28	14.0	70	16	11	42.9	SHC205-25MM		
SHCTF205-14		7/8	3.75	1.10	0.55	2.75	0.62	0.47	1.69	SHC205-14	TF205	0.4
SHCTF205-15		15/16								SHC205-15	(TF205BLK)	
SHCTF205-16		1								SHC205-16		
SHCTF206-30MM	30		107	31	14.3	83	19.0	11	49.1	SHC206-30MM		
SHCTF206-18		1-1/8	4.21	1.22	0.56	3.25	0.74	0.47	1.93	SHC206-18	TF206	0.7
SHCTF206-19		1-3/16								SHC206-19	(TF206BLK)	
SHCTF206-20		1-1/4								SHC206-20		
SHCTF207-35MM	35		117	34	16.0	92	19.0	13	51.3	SHC207-35MM		
SHCTF207-20		1-1/4	4.60	1.33	0.62	3.63	0.74	0.55	2.02	SHC207-20	TF207	0.9
SHCTF207-22		1-3/8								SHC207-22	(TF207BLK)	
SHCTF207-23		1-7/16								SHC207-23		
SHCTF208-40MM	40		130	37.5	20.0	102	21	14	55.9	SHC208-40MM	TF208	1.1
SHCTF208-24		1-1/2	5.12	1.47	0.78	4.00	0.82	0.63	2.20	SHC208-24	(TF208BLK)	
SHCTF209-45MM	45		137	41	19	105	22	17	56.9	SHC209-45MM		
SHCTF209-27		1-11/16	5.39	1.61	0.75	4.13	0.87	0.63	2.24	SHC209-27	TF209	1.3
SHCTF209-28		1-3/4								SHC209-28	(TF209BLK)	
SHCTF210-50MM	50		143	43	21	111	22	17	60.1	SHC210-50MM		
SHCTF210-31		1-15/16	5.63	1.69	0.83	4.37	0.87	0.63	2.37	SHC210-31	TF210	1.5
SHCTF210-32		2								SHC210-32	(TF210BLK)	
SHCTF211-55MM	55		162	58.4	23	130	26	19	69.6	SHC211-55MM		
SHCTF211-32		2	6.30	2.30	0.91	5.12	1.02	0.75	2.74	SHC211-32	TF211	2.2
SHCTF211-35		2-3/16								SHC211-35	(TF211BLK)	
SHCTF212-60MM	60		175	68.7	25	143	29	23	75.8	SHC212-60MM	TF212	2.7
SHCTF212-39		2-7/16	6.89	2.70	0.98	5.63	1.14	0.91	2.98	SHC212-39	(TF212BLK)	

Note: Black Housing also available on request.

Stainless Steel Piloted 4-Bolt Flange

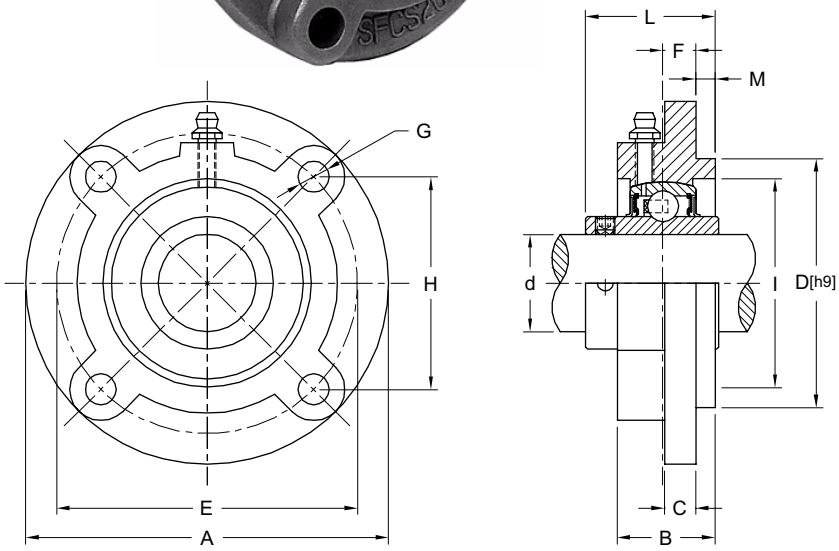
SUCSFCS 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Flange
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Flange
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Set Screw: AISI 302 Stainless
Grease: Mobil FM222, USDA H-1,



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D (h9)	E	F	G	H	I	L	M			
SUCSFCS207-35MM	35		127	31.7	9.5	85.7	104.8	8	12	74.2	76	33.4	9.5	SUC207-35MM		
SUCSFCS207-20		1-1/4	5.00	1.25	0.37	3.375	4.13	0.31	0.47	2.92	2.99	1.31	0.37	SUC207-20	SFCS207	2.0
SUCSFCS207-22		1-3/8												SUC207-22		
SUCSFCS207-23		1-7/16												SUC207-23		
SUCSFCS208-40MM	40		133	37.3	11	92	111.1	9	12	78.5	84	39.2	11.1	SUC208-40MM	SFCS208	2.5
SUCSFCS208-24		1-1/2	5.24	1.47	0.43	3.625	4.37	0.35	0.47	3.09	3.31	1.54	0.44	SUC208-24		
SUCSFCS209-45MM	45		145	33.3	11.5	101.6	120.7	9	14	78.5	89	39.2	11.1	SUC209-45MM	SFCS209	2.8
SUCSFCS209-28		1-3/4	5.711	1.31	0.45	4.000	4.75	0.35	0.55	3.09	3.50	1.54	0.44	SUC209-28		
SUCSFCS210-50MM	50		155.6	37.3	11	108	130.2	8	14	92	97.6	40.6	11.9	SUC210-50MM		
SUCSFCS210-31		1-15/16	6.13	1.47	0.43	4.250	5.12	0.31	0.55	3.62	3.84	1.6	0.47	SUC210-31	SFCS210	3.5
SUCSFCS210-32		2												SUC210-32		
SUCSFCS211-55MM	55		165	43	15	125	150	13	19	106.1	105	58.3	12	SUC211-55MM		
SUCSFCS211-32		2	6.5	1.69	0.59	4.92	5.90	0.51	0.75	4.18	4.13	2.29	0.47	SUC211-32	SFCS211	4.2
SUCSFCS211-35		2-3/16												SUC211-35		
—	—		222	57	16	162	190.5	12	19	134.3	148	61.3	22	—	SFCS216	5.4
SUCSFCS216-47		2-15/16	8.74	2.24	0.63	6.375	7.48	0.47	0.75	5.29	5.83	2.41	0.87	SUCX216-47		

Stainless Steel Piloted 4-Bolt Flange

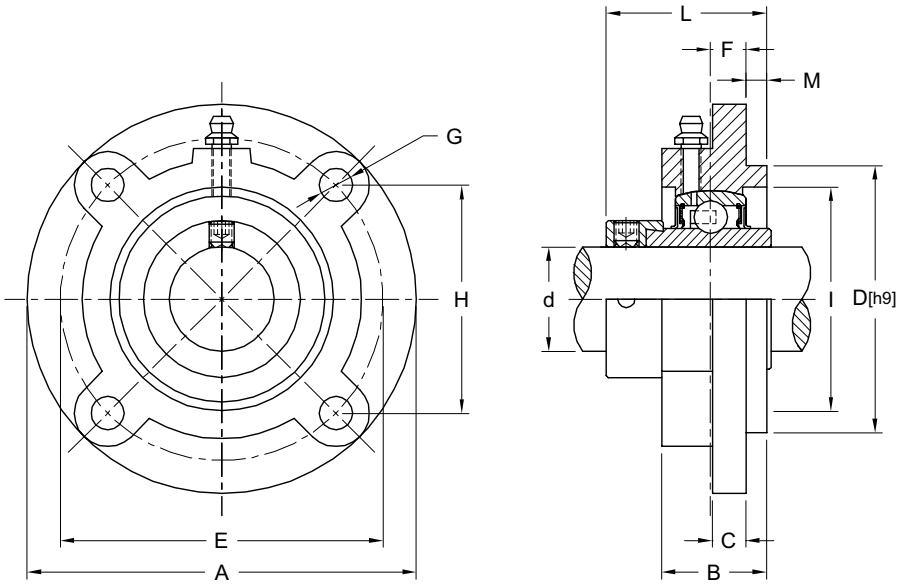
SHCSFCS 200 Silver Series

Stainless Steel Normal Duty Bearing
Eccentric Lock Collar, Solid Flange
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Flange
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage: AISI 302 Stainless
Collar: AISI 304 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Set Screw: AISI 302 Stainless
Grease: Mobil FM222, USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D (h_9)	E	F	G	H	I	L	M			
SHCSFCS207-35MM	35		127	31.7	9.5	85.7	105	8	12	74.2	76	49.8	9.5	SHC207-35MM		
SHCSFCS207-20		1-1/4	5.00	1.25	0.37	3.375	4.13	0.31	0.47	2.92	2.99	1.96	0.37	SHC207-20	SFCS207	2.0
SHCSFCS207-22		1-3/8												SHC207-22		
SHCSFCS207-23		1-7/16												SHC207-23		
SHCSFCS208-40MM	40		133	37.3	11	92	111	9	12	78.5	84	55	11.1	SHC208-40MM	SFCS208	2.5
SHCSFCS208-24		1-1/2	5.24	1.47	0.43	3.625	4.37	0.35	0.47	3.09	3.31	2.17	0.44	SHC208-24		
SHCSFCS209-45MM	45		133	37.3	11.5	101.6	120.7	9	14.0	78.5	89	55	11.1	SHC209-45MM	SFCS209	2.8
SHCSFCS209-28		1-3/4	5.24	1.47	0.45	4.000	4.75	0.35	0.55	3.09	3.50	2.17	0.44	SHC209-28		
SHCSFCS210-50MM	50		155.6	37.3	11	108	130	8	14	92	97.6	58	11.9	SHC210-50MM		
SHCSFCS210-31		1-15/16	6.13	1.47	0.43	4.250	5.12	0.31	0.55	3.62	3.84	2.28	0.47	SHC210-31	SFCS210	3.5
SHCSFCS210-32		2												SHC210-32		

Stainless Steel 2-Bolt Flange

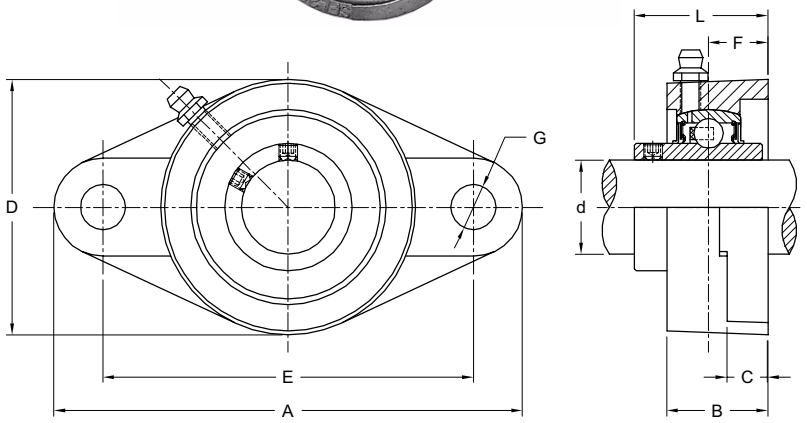
SUCSFL 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Base
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1



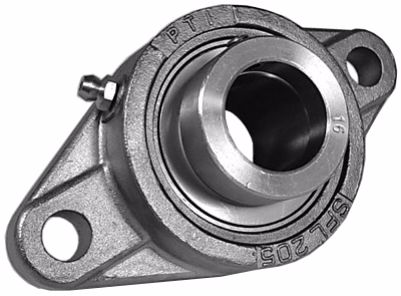
Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SUCSFL201-8		1/2	112	25.4	11.5	60	89.7	15.1	10	33.4	SUC201-8	SFL204	0.8
SUCSFL202-10		5/8	4.40	1.00	0.45	2.36	3.53	0.59	0.39	1.31	SUC202-10		
SUCSFL204-20MM	20		112	25.4	11.5	60	89.7	15.1	10	33.4	SUC204-20MM		
SUCSFL204-12		3/4	4.40	1.00	0.45	2.36	3.53	0.59	0.39	1.31	SUC204-12		
SUCSFL205-25MM	25		125	27	13	68	98.8	15.9	12	35.7	SUC205-25MM	SFL205	1.0
SUCSFL205-14		7/8	4.92	1.06	0.51	2.67	3.89	0.63	0.47	1.41	SUC205-14		
SUCSFL205-15		15/16									SUC205-15		
SUCSFL205-16		1									SUC205-16		
SUCSFL206-30MM	30		141	30	13	80	116.7	17.9	12	40.1	SUC206-30MM	SFL206	1.6
SUCSFL206-18		1-1/8	5.55	1.18	0.51	3.15	4.59	0.70	0.47	1.58	SUC206-18		
SUCSFL206-19		1-3/16									SUC206-19		
SUCSFL206-20		1-1/4									SUC206-20		
SUCSFL207-35MM	35		155.5	33	14.3	90	130.2	19.1	13	44.5	SUC207-35MM	SFL207	2.0
SUCSFL207-20		1-1/4	6.12	1.30	0.56	3.54	5.12	0.75	0.50	1.75	SUC207-20		
SUCSFL207-22		1-3/8									SUC207-22		
SUCSFL207-23		1-7/16									SUC207-23		
SUCSFL208-40MM	40		171.5	36	14.3	100	143.7	21	13	51.2	SUC208-40MM	SFL208	2.5
SUCSFL208-24		1-1/2	6.75	1.42	0.56	3.94	5.66	0.83	0.51	2.01	SUC208-24		
SUCSFL209-45MM	45		179	38	14.3	108	148.4	21.8	15	52	SUC209-45MM	SFL209	2.8
SUCSFL209-27		1-11/16	7.05	1.50	0.56	4.25	5.84	0.86	0.59	2.05	SUC209-27		
SUCSFL209-28		1-3/4									SUC209-28		
SUCSFL210-50MM	50		179	39	15.1	115	157	21.8	15	54.4	SUC210-50MM	SFL210	3.5
SUCSFL210-31		1-15/16	7.05	1.54	0.59	4.53	6.18	0.86	0.59	2.14	SUC210-31		
SUCSFL210-32		2									SUC210-32		
SUCSFL211-55MM	55		223	43	18	129	184	25	19	58.4	SUC211-55MM	SFL211	4.0
SUCSFL211-32		2	8.78	1.69	0.71	5.08	7.25	0.98	0.75	2.30	SUC211-32		
SUCSFL211-35		2-3/16									SUC211-35		
SUCSFL212-60MM	60		248	48	17	138	202	29	23	68.7	SUC212-60MM	SFL212	5.8
SUCSFL212-39		2-7/16	9.76	1.89	0.67	5.43	7.95	1.14	0.90	2.70	SUC212-39		

Note: Larger sizes available upon request. Larger Bearing inserts in stock.

Stainless Steel 2-Bolt Flange

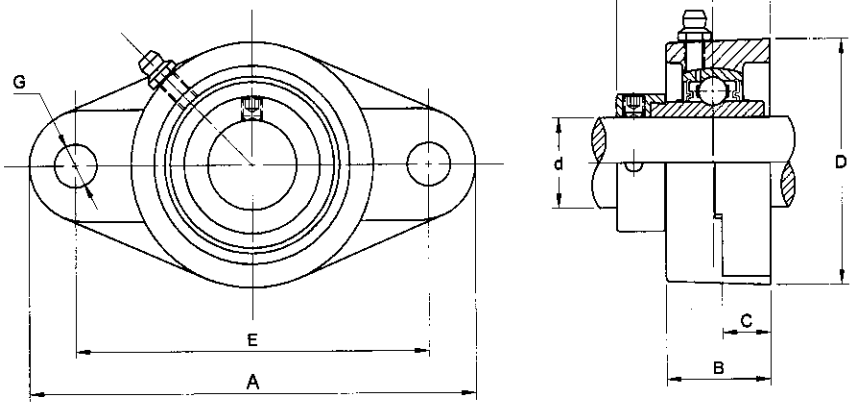
SHCSFL 200 Silver Series

Stainless Steel Normal Duty Bearing
Eccentric Lock, Solid Base
Metric and Inch Bores



Housing:
- AISI 304 Stainless, Solid Base
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1
- Collar: AISI 304 Stainless



Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SHCSFL201-8		1/2	112	25.4	11.5	60	89.7	15.1	10	41.7	SHC201-8		
SHCSFL202-10		5/8	4.40	1.00	0.45	2.36	3.53	0.59	0.39	1.64	SHC202-10	SFL204	0.8
SHCSFL204-20MM	20		112	25.4	11.5	60	89.7	15.1	10	41.7	SHC204-20MM		
SHCSFL204-12		3/4	4.40	1.00	0.45	2.36	3.53	0.59	0.39	1.64	SHC204-12		
SHCSFL205-25MM	25		125	27	13	68	98.8	15.9	12	42.8	SHC205-25MM		
SHCSFL205-14		7/8	4.92	1.06	0.51	2.67	3.89	0.63	0.47	1.69	SHC205-14	SFL205	1.0
SHCSFL205-15		15/16									SHC205-15		
SHCSFL205-16		1									SHC205-16		
SHCSFL206-30MM	30		141	30	13	80	116.7	17.9	12	48	SHC206-30MM		
SHCSFL206-18		1-1/8	5.55	1.18	0.51	3.15	4.59	0.70	0.47	1.89	SHC206-18	SFL206	1.6
SHCSFL206-19		1-3/16									SHC206-19		
SHCSFL206-20		1-1/4									SHC206-20		
SHCSFL207-35MM	35		155.5	33	14.3	90	130.2	19.1	13	51.4	SHC207-35MM		
SHCSFL207-20		1-1/4	6.12	1.30	0.56	3.54	5.12	0.75	0.50	2.02	SHC207-20	SFL207	2.0
SHCSFL207-22		1-3/8									SHC207-22		
SHCSFL207-23		1-7/16									SHC207-23		
SHCSFL208-40MM	40		171.5	36	14.3	100	143.7	21	13	55.9	SHC208-40MM	SFL208	2.5
SHCSFL208-24		1-1/2	6.75	1.42	0.56	3.94	5.66	0.83	0.51	2.20	SHC208-24		
SHCSFL209-45MM	45		179	38	14.3	108	148.4	21.8	15	56.7	SHC209-45MM		
SHCSFL209-27		1-11/16	7.05	1.50	0.56	4.25	5.84	0.86	0.59	2.23	SHC209-27	SFL209	2.8
SHCSFL209-28		1-3/4									SHC209-28		
SHCSFL210-50MM	50		179	39	15.1	115	157	21.8	15	59.9	SHC210-50MM		
SHCSFL210-31		1-15/16	7.05	1.54	0.59	4.53	6.18	0.86	0.59	2.36	SHC210-31	SFL210	3.5
SHCSFL210-32		2									SHC210-32		
SHCSFL211-55MM	55		223	43	18	129	184	25	19	68.6	SHC211-55MM		
SHCSFL211-32		2	8.78	1.69	0.71	5.08	7.25	0.98	0.75	2.70	SHC211-32	SFL211	4.0
SHCSFL211-35		2-3/16									SHC211-35		
SHCSFL212-60MM	60		248	48	17	138	202	29	23	75.8	SHC212-60MM	SFL212	5.8
SHCSFL212-39		2-7/16	9.76	1.89	0.67	5.43	7.95	1.14	0.90	2.98	SHC212-39		

Thermoplastic 2-Bolt Flange

SUCTFL 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Set Screw Lock, Solid Flange
Metric and Inch Bores

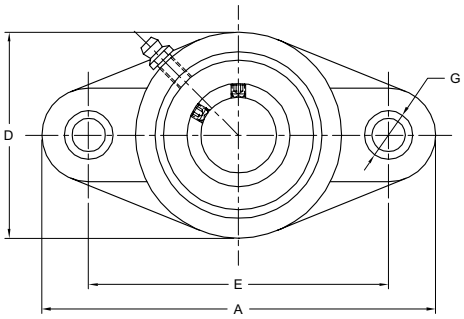


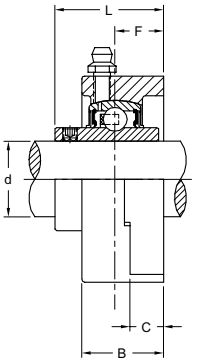


Black Housing Option

Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1
- End covers and back covers are available from stock
- Use SSB Insert with Back Cover





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SUCTFL201-8		1/2	113	27	13.4	64	90	15	11	33.3	SUC201-8	TFL204	0.3
SUCTFL202-10		5/8	4.44	1.06	0.52	2.51	3.54	0.59	0.43	1.31	SUC202-10	(TFL204BLK)	
SUCTFL204-20MM	20		113	27	13.4	64	90	15	11	33.3	SUC204-20MM	TFL204	0.3
SUCTFL204-12		3/4	4.44	1.06	0.52	2.51	3.54	0.59	0.43	1.31	SUC204-12	(TFL204BLK)	
SUCTFL205-25MM	25		130	29.1	13.5	68	99	16	11	35.8	SUC205-25MM		
SUCTFL205-14		7/8	5.11	1.14	0.53	2.67	3.90	0.62	0.43	1.40	SUC205-14	TFL205	0.4
SUCTFL205-15		15/16									SUC205-15	(TFL205BLK)	
SUCTFL205-16		1									SUC205-16		
SUCTFL206-30MM	30		148.0	31	14.3	80	117	18	11	40.2	SUC206-30MM		
SUCTFL206-18		1-1/8	5.83	1.22	0.56	3.15	4.60	0.70	0.43	1.58	SUC206-18	TFL206	0.7
SUCTFL206-19		1-3/16									SUC206-19	(TFL206BLK)	
SUCTFL206-20		1-1/4									SUC206-20		
SUCTFL207-35MM	35		161	34	16	90	130	19	13	44.4	SUC207-35MM		
SUCTFL207-20		1-1/4	6.33	1.33	0.62	3.54	5.12	0.74	0.50	1.74	SUC207-20	TFL207	0.9
SUCTFL207-22		1-3/8									SUC207-22	(TFL207BLK)	
SUCTFL207-23		1-7/16									SUC207-23		
SUCTFL208-40MM	40		175	37.5	20	100	144	21	14	51.2	SUC208-40MM	TFL208	1.1
SUCTFL208-24		1-1/2	6.88	1.48	0.79	3.94	5.67	0.82	0.55	2.01	SUC208-24	(TFL208BLK)	
SUCTFL209-45MM	45		189	41	21	108	149	24	17	54.2	SUC209-45MM	TFL209	1.3
SUCTFL209-27		1-11/16	7.44	1.61	0.83	4.25	5.87	0.94	0.67	2.13	SUCTFL209-27	(TFL209BLK)	
SUCTFL209-28		1-3/4									SUC209-28		
SUCTFL210-50MM	50		197	43	21	115	157	25	17	57.6	SUC210-50MM	TFL210	1.5
SUCTFL210-31		1-15/16	7.76	1.69	0.83	4.53	6.18	0.94	0.67	2.27	SUC210-31	(TFL210BLK)	
SUCTFL210-32		2									SUC210-32		
SUCTFL211-55MM	55		224	58.4	23	129	184	26	19	59.4	SUC211-55MM	TFL211	2.0
SUCTFL211-32		2	8.81	2.30	0.91	5.08	7.24	1.02	0.75	2.34	SUC211-32	(TFL211BLK)	
SUCTFL211-35		2-3/16									SUC211-35		
SUCTFL212-60MM	60		250	68.7	25	138	212	29	23	68.7	SUC212-60MM	TFL212	2.5
SUCTFL212-39		2-7/16	9.84	2.70	0.98	5.43	8.35	1.14	0.91	2.70	SUC212-39	(TFL212BLK)	

Note: Black Housing also available.

Thermoplastic 2-Bolt Flange

SHCTFL 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Eccentric Lock Collar, Solid Base
Metric and Inch Bores

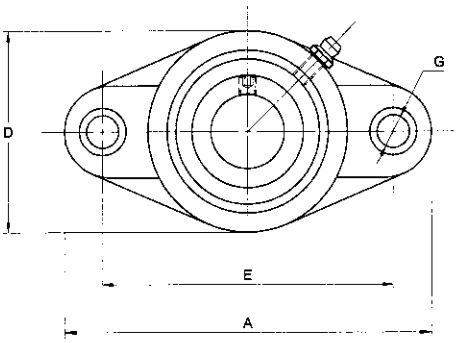


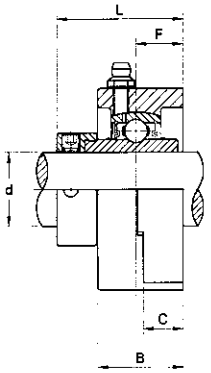


Black Housing Option

Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1





Part No.	Shaft Size d		Dimensions (mm) (in)								Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	L			
SHCTFL201-8 SHCTFL202-10		1/2 5/8	113 4.44	27 1.06	13.4 0.52	64 2.51	90 3.54	15 0.59	11 0.43	44.9 1.77	SHC201-8 SHC202-10	TFL204 (TFL204BLK)	0.3
SHCTFL204-20MM SHCTFL204-12	20	 3/4	113 4.44	27 1.06	13.4 0.52	64 2.51	90 3.54	15 0.59	11 0.43	44.9 1.77	SHC204-20MM SHC204-12	TFL204 (TFL204BLK)	0.3
SHCTFL205-25MM SHCTFL205-14 SHCTFL205-15 SHCTFL205-16	25	 7/8 15/16 1	130 5.11	29.1 1.14	13.5 0.53	68 2.67	99 3.90	16 0.62	11 0.43	46.7 1.84	SHC205-25MM SHC205-14 SHC205-15 SHC205-16	TFL205 (TFL205BLK)	0.4
SHCTFL206-30MM SHCTFL206-18 SHCTFL206-19 SHCTFL206-20	30	 1-1/8 1-3/16 1-1/4	148.0 5.83	31 1.22	14.3 0.56	80 3.15	117 4.60	18 0.70	11 1.43	52.3 2.06	SHC206-30MM SHC206-18 SHC206-19 SHC206-20	TFL206 (TFL206BLK)	0.7
SHCTFL207-35MM SHCTFL207-20 SHCTFL207-22 SHCTFL207-23	35	 1-1/4 1-3/8 1-7/16	161 6.33	34 1.33	16 0.62	90 3.54	130 5.12	19 0.74	13 0.50	57.7 2.27	SHC207-35MM SHC207-20 SHC207-22 SHC207-23	TFL207 (TFL207BLK)	0.9
SHCTFL208-40MM SHCTFL208-24	40	 1-1/2	175 6.88	37.5 1.48	20 0.79	100 3.94	144 5.67	21 0.82	14 0.55	65.1 2.56	SHC208-40MM SHC208-24	TFL208 (TFL208BLK)	1.1
SHCTFL209-45MM SHCTFL209-27 SHCTFL209-28	45	 1-11-16 1-3/4	189 7.44	41 1.61	21 0.83	108 4.25	149 5.87	24 0.94	17 0.67	65.1 2.56	SHC209-45MM SHC209-27 SHC209-28	TFL209 (TFL209BLK)	1.3
SHCTFL210-50MM SHCTFL210-31 SHCTFL210-32	50	 1-15/16 2	197 7.76	43 1.69	21 0.83	115 4.53	157 6.18	25 0.94	17 0.67	70.7 2.78	SHC210-50MM SHC210-31 SHC210-32	TFL210 (TFL210BLK)	1.5
SHCTFL211-55MM SHCTFL211-32 SHCTFL211-35	55	 2 2-3/16	2.24 8.81	58.4 2.30	23 0.91	129 5.08	184 7.24	26 1.02	19 0.75	69.6 2.34	SHC211-55MM SHC211-32 SHC211-35	TFL211 (TFL211BLK)	2.1
SHCTFL212-60MM SHCTFL212-39	60	 2-7/16	250 9.84	68.7 2.70	25 0.98	138 5.43	212 8.35	29 1.14	23 0.91	75.8 2.70	SHC212-60MM SHC212-39	TFL212 (TFL212BLK)	2.6

Note: Black Housing also available from stock.

Stainless Steel 3-Bolt Flanged Bracket

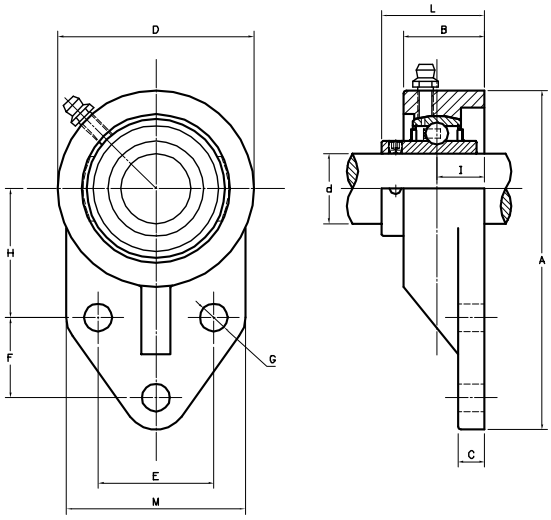
SUCSFB 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock, Solid Base
Metric and Inch Bores



Housing:
- AISI 304 Stainless, Solid Base
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
SUCSFB201-8		1/2	108.0	25.4	8	63	38.1	22.2	9.9	42.9	16	34.3	60	SUC201-8	SFB204	0.8
SUCSFB202-10		5/8	4.25	1.00	0.31	2.48	1.50	0.87	0.39	1.69	0.63	1.35	2.36	SUC202-10		
SUCSFB204-20MM	20		108.0	25.4	8	63	38.1	22.2	9.9	42.9	16	34.3	60	SUC204-20MM	SFB204	0.8
SUCSFB204-12		3/4	4.25	1.00	0.31	2.48	1.50	0.87	0.39	1.69	0.63	1.35	2.36	SUC204-12		
SUCSFB205-25MM	25		121	29	9.5	70.0	41.3	28.6	9.9	46	17	36.8	64	SUC205-25MM	SFB205	1.0
SUCSFB205-14		7/8	4.76	1.14	0.37	2.75	1.63	1.13	0.40	1.81	0.67	1.45	2.51	SUC205-14		
SUCSFB205-15		15/16												SUC205-15		
SUCSFB205-16		1												SUC205-16		
SUCSFB206-30MM	30		137	32	9.5	83.0	47.6	31.8	9.9	52.4	19	41.2	70	SUC206-30MM	SFB206	1.6
SUCSFB206-18		1-1/8	5.39	1.25	0.37	3.27	1.87	1.25	0.39	2.06	0.75	1.62	2.75	SUC206-18		
SUCSFB206-19		1-3/16												SUC206-19		
SUCSFB206-20		1-1/4												SUC206-20		
SUCSFB207-35MM	35		156	37	13.5	95.0	50.8	31.8	13.1	60.3	21	46.4	82.5	SUC207-35MM	SFB207	2.0
SUCSFB207-20		1-1/4	6.12	1.45	0.53	3.74	2.00	1.25	0.52	2.37	0.83	1.83	3.24	SUC207-20		
SUCSFB207-22		1-3/8												SUC207-22		
SUCSFB207-23		1-7/16												SUC207-23		
SUCSFB208-40MM	40		164	34	16	100	50.8	41	11.1	60	21	51.2	78	SUC208-40MM	SFB208	2.5
SUCSFB208-24		1-1/2	6.46	1.34	0.63	3.94	2.0	1.61	0.44	2.36	0.83	2.02	3.07	SUC208-24		
SUCSFB209-45MM	45		174	34	18	106	54	42.9	11.1	65	21	51.2	80	SUC209-45MM	SFB209	2.8
SUCSFB209-27		1-11/16	6.85	1.34	0.71	4.17	2.13	1.69	0.44	2.56	0.83	2.02	3.15	SUC209-27		
SUCSFB209-28		1-3/4												SUC209-28		
SUCSFB210-50MM	50		191	38	13	118	69.9	41.3	13.1	74.6	21	53.6	102	SUC210-50MM	SFB210	3.5
SUCSFB210-31		1-15/16	7.52	1.50	0.51	4.65	2.75	1.63	0.52	2.94	0.83	2.11	4.02	SUC210-31		
SUCSFB210-32		2												SUC210-32		

Stainless Steel 3-Bolt Flanged Bracket

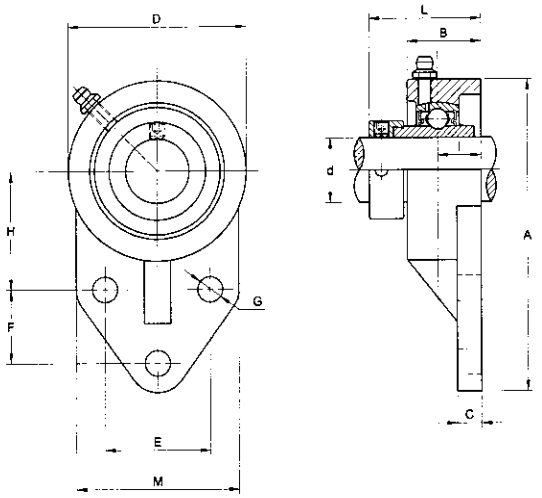
SHCSFB 200 Silver Series

Stainless Steel Normal Duty Bearing
Eccentric Lock, Solid Base
Metric and Inch Bores



Housing:
AISI 304 Stainless, Solid Base
Grease Fitting: AISI 304

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 440C Stainless
Seals: Rubber & AISI 302 Stainless
Grease: Mobil FM222, USDA H-1
Collar: AISI 304 Stainless



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
SHCSFB201-8		1/2	108	25.4	8	63	38.1	22.2	9.9	42.9	16	42.6	60	SHC201-8	SFB204	0.8
SHCSFB202-10		5/8	4.25	1.00	0.31	2.48	1.50	0.87	0.39	1.69	0.63	1.68	2.36	SHC202-10		
SHCSFB204-20MM	20		108.0	25.4	8	63	38.1	22.2	9.9	42.9	16	42.6	60	SHC204-20MM	SFB204	0.8
SHCSFB204-12		3/4	4.25	1.00	0.31	2.48	1.50	0.87	0.39	1.69	0.63	1.68	2.36	SHC204-12		
SHCSFB205-25MM	25		121	29	9.5	70.0	41.3	28.6	9.9	46	17	43.9	64	SHC205-25MM	SFB205	1.0
SHCSFB205-14		7/8	4.76	1.14	0.37	2.75	1.63	1.13	0.40	1.81	0.67	1.73	2.51	SHC205-14		
SHCSFB205-15		15/16												SHC205-15		
SHCSFB205-16		1												SHC205-16		
SHCSFB206-30MM	30		137	32	9.5	83.0	47.6	31.8	9.9	52.4	19	49.1	70	SHC206-30MM	SFB206	1.6
SHCSFB206-18		1-1/8	5.39	1.25	0.37	3.27	1.87	1.25	0.39	2.06	0.75	1.93	2.75	SHC206-18		
SHCSFB206-19		1-3/16												SHC206-19		
SHCSFB206-20		1-1/4												SHC206-20		
SHCSFB207-35MM	35		156	37	13.5	95.0	50.8	31.8	13.1	60.3	21	53.3	82.5	SHC207-35MM	SFB207	2.0
SHCSFB207-20		1-1/4	6.12	1.45	0.53	3.74	2.00	1.25	0.52	2.37	0.83	2.10	3.24	SHC207-20		
SHCSFB207-22		1-3/8												SHC207-22		
SHCSFB207-23		1-7/16												SHC207-23		
SHCSFB208-40MM	40		164	34	16	100	50.8	41	11.1	60	21	55.9	78	SHC208-40MM	SFB208	2.5
SHCSFB208-24		1-1/2	6.46	1.34	0.63	3.94	2.0	1.61	0.44	2.36	0.83	2.20	3.07	SHC208-24		
SHCSFB209-45MM	45		174	34	18	106	54	42.9	11.1	65	21	55.9	80	SHC209-45MM	SFB209	2.8
SHCSFB209-27		1-11/16	6.85	1.34	0.71	4.17	2.13	1.69	0.44	2.56	0.83	2.20	3.15	SHC209-27		
SHCSFB209-28		1-3/4												SHC209-28		
SHCSFB210-50MM	50		191	38	13	118	69.9	41.3	13.1	74.6	21	59.1	102	SHC210-50MM	SFB210	3.5
SHCSFB210-31		1-15/16	7.52	1.50	0.51	4.65	2.75	1.63	0.52	2.94	0.83	2.33	4.02	SHC210-31		
SHCSFB210-32		2												SHC210-32		

Thermoplastic 3-Bolt Flange Bracket

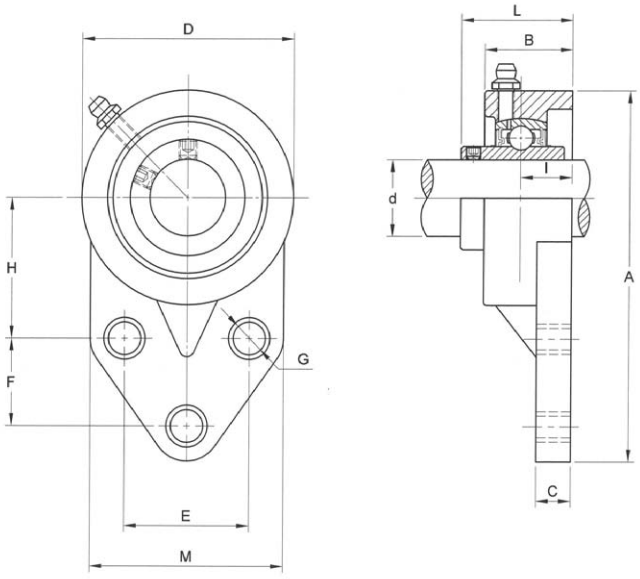
SUCTFB 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Set Screw Lock, Solid Flange
Metric and Inch Bores



Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1
- End covers and back covers are available from stock
- Use SSB Insert with back cover



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
SUCTFB201-8		1/2	108.0	26.5	11.4	63.5	38.1	22.2	10.7	42.9	16	34.3	62.0	SUC201-8	TFB204*	0.3
SUCTFB202-10		5/8	4.25	1.04	0.45	2.50	1.50	0.87	0.42	1.69	0.63	1.35	2.44	SUC202-10		
SUCTFB204-20MM	20		108.0	26.5	11.4	63.5	38.1	22.2	10.7	42.9	16	34.3	62.0	SUC204-20MM		
SUCTFB204-12		3/4	4.25	1.04	0.45	2.50	1.50	0.87	0.42	1.69	0.63	1.35	2.44	SUC204-12		
SUCTFB205-25MM	25		121	28	11.4	70.0	41.3	28.6	10.7	46	17	36.8	63.5	SUC205-25MM	TFB205*	0.4
SUCTFB205-14		7/8	4.76	1.10	0.45	2.75	1.63	1.13	0.42	1.81	0.67	1.45	2.50	SUC205-14		
SUCTFB205-15		15/16												SUC205-15		
SUCTFB205-16		1												SUC205-16		
SUCTFB206-30MM	30		138	30.5	13.3	83.0	47.6	31.8	10.7	52.4	19	41.2	76.0	SUC206-30MM	TFB206*	0.7
SUCTFB206-18		1-1/8	5.43	1.20	0.51	3.25	1.870	1.25	0.42	2.06	0.75	1.62	3.00	SUC206-18		
SUCTFB206-19		1-3/16												SUC206-19		
SUCTFB206-20		1-1/4												SUC206-20		
SUCTFB207-35MM	35		156	32.0	15	95.0	50.8	31.8	13.1	60.3	21	46.4	89.0	SUC207-35MM	TFB207*	0.9
SUCTFB207-20		1-1/4	6.14	1.25	0.59	3.75	2.00	1.25	0.52	2.37	0.83	1.83	3.50	SUC207-20		
SUCTFB207-22		1-3/8												SUC207-22		
SUCTFB207-23		1-7/16												SUC207-23		
SUCTFB208-40MM	40		164	35	16	100	50	41.3	13.1	66.3	21	51.2	78	SUC208-40MM	TFB208*	1.1
SUCTFB208-24		1-1/2	6.46	1.48	0.63	3.94	1.97	1.63	0.52	2.73	0.83	2.02	3.07	SUC208-24		

Note: * Black Housing also available on request.

Thermoplastic 3-Bolt Flange Bracket

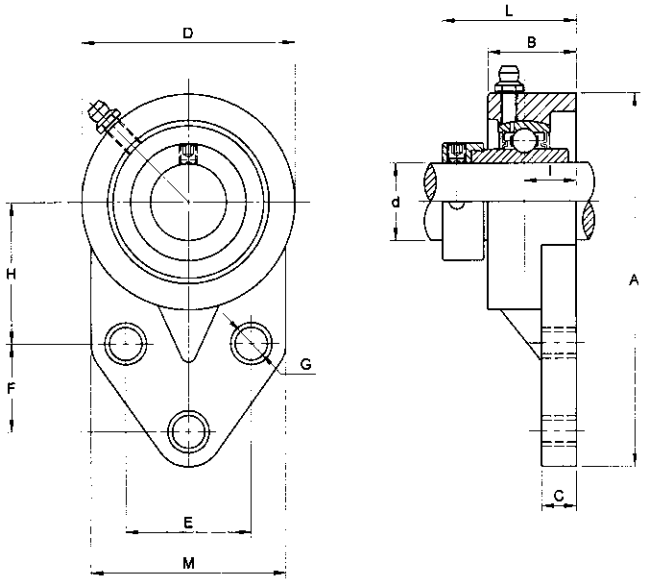
SHCTFB 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Eccentric Lock, Solid Base
Metric and Inch Bores



Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	C	D	E	F	G	H	I	L	M			
SHCTFB201-8		1/2	108.0	26.5	11.4	63.5	38.1	22.2	10.7	42.9	16	42.6	62.0	SHC201-8	TFB204*	0.3
SHCTFB202-10		5/8	4.25	1.04	0.45	2.50	1.50	0.87	0.42	1.69	0.63	1.68	2.44	SHC202-10		
SHCTFB204-20MM	20		108.0	26.5	11.4	63.5	38.1	22.2	10.7	42.9	16	42.6	62.0	SHC204-20MM	TFB204*	0.3
SHCTFB204-12		3/4	4.25	1.04	0.45	2.50	1.50	0.87	0.42	1.69	0.63	1.68	2.44	SHC204-142		
SHCTFB205-25MM	25		121	28	11.4	70.0	41.3	28.6	10.7	46	17	43.9	63.5	SHC205-25MM		
SHCTFB205-14		7/8	4.76	1.10	0.45	2.75	1.63	1.13	0.42	1.81	0.67	1.73	2.50	SHC205-14	TFB205*	0.4
SHCTFB205-15		15/16												SHC205-15		
SHCTFB205-16		1												SHC205-16		
SHCTFB206-30MM	30		138	30.5	13.3	83.0	47.6	31.8	10.7	52.4	19	49.1	76.0	SHC206-30MM		
SHCTFB206-18		1-1/8	5.43	1.20	0.51	3.25	1.870	1.25	0.42	2.06	0.75	1.93	3.00	SHC206-18	TFB206*	0.7
SHCTFB206-19		1-3/16												SHC206-19		
SHCTFB206-20		1-1/4												SHC206-20		
SHCTFB207-35MM	35		156	32.0	15	95.0	50.8	31.8	13.1	60.3	21	53.3	89.0	SHC207-35MM		
SHCTFB207-20		1-1/4	6.14	1.25	0.59	3.75	2.00	1.25	0.52	2.37	0.83	2.10	3.50	SHC207-20	TFB207*	0.9
SHCTFB207-22		1-3/8												SHC207-22		
SHCTFB207-23		1-7/16												SHC207-23		
SHCTFB208-40MM	40		164	35	16	100	50	41.3	13.1	66.3	21	55.9	78	SHC208-40MM	TFB208*	1.1
SHCTFB208-24		1-1/2	6.46	1.48	0.63	3.94	1.97	1.63	0.52	2.73	0.83	2.20	3.07	SHC208-24		

Note: * Black housing also available on request.

Stainless Steel Take-Up

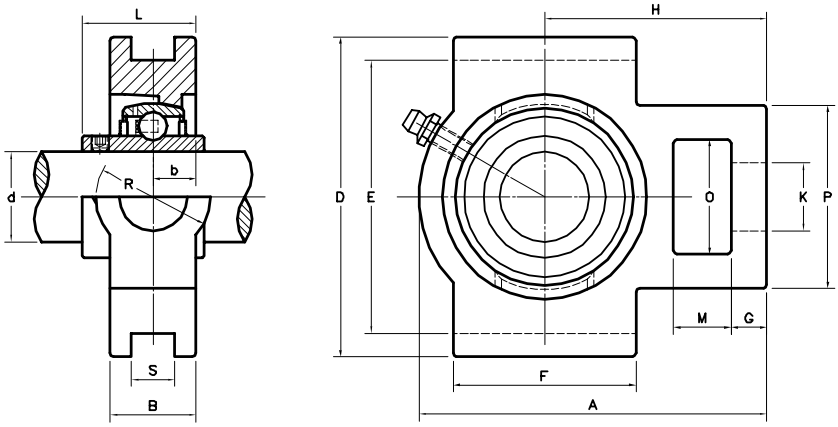
SUCST 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock
Metric and Inch Bores



Housing:
- AISI 304 Stainless
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screws: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
SUCST201-8		1/2	94	21	10.5	89	76	51	10	61	19	28.7	16	32	51	32	12	SUC201-8	ST204	1.0
SUCST202-10		5/8	3.70	0.88	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.46	0.63	1.26	2.01	1.26	0.47	SUC202-10		
SUCST204-20MM	20		94	21	10.5	89	76	51	10	61	19	28.75	16	32	51	32	12	SUC204-20MM		
SUCST204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.13	0.63	1.26	2.01	1.26	0.47	SUC204-12		
SUCST205-25MM	25		97	24	12	89	76	51	10	62	19	31.78	16	32	51	32	12	SUC205-25MM	ST205	1.2
SUCST205-14		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.25	0.63	1.26	2.01	1.26	0.47	SUC205-14		
SUCST205-15		15/16																SUC205-15		
SUCST205-16		1																SUC205-16		
SUCST206-30MM	30		113	28	14	102	89	57	10	70	22	36.17	16	37	56	37	12	SUC206-30MM	ST206	1.8
SUCST206-18		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.42	0.63	1.46	2.20	1.46	0.47	SUC206-18		
SUCST206-19		1-3/16																SUC206-19		
SUCST206-20		1-1/4																SUC206-20		
SUCST207-35MM	35		129	30	15	102	89	64	13	78	22	40.37	16	37	64	37	12	SUC207-35MM	ST207 (ST207-WS)	2.2
SUCST207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.59	0.63	1.46	2.52	1.46	0.47	SUC207-20		
SUCST207-22		1-3/8																SUC207-22		
SUCST207-23		1-7/16																SUC207-23		
SUCST208-40MM	40		144	33	16.5	114	102	83	16	88	29	46.6	19	49	83	49	16	SUC208-40MM	ST208	2.7
SUCST208-24		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	1.83	0.75	1.93	3.27	1.93	0.63	SUC208-24		

Note: Wide Slot unit also available from stock for size 207, sloth width 13.5.

Stainless Steel Take-Up

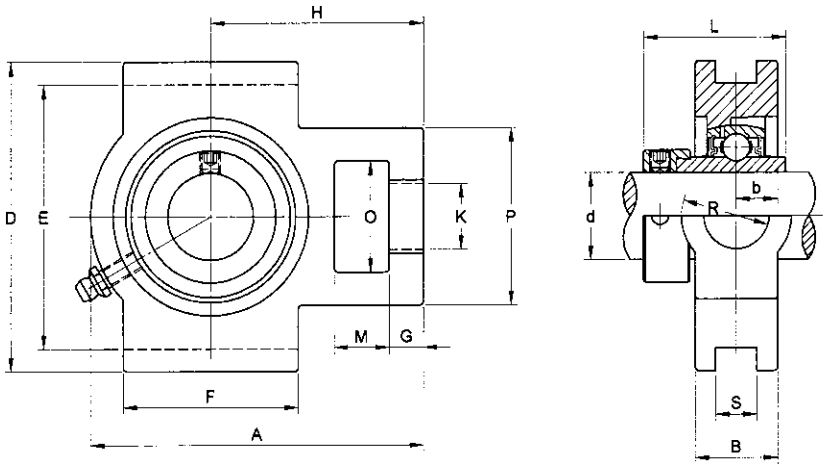
SHCST 200 Silver Series

Stainless Steel Normal Duty Bearing
Eccentric Lock
Metric and Inch Bores



Housing:
- AISI 304 Stainless
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1
- Collar: AISI 304 Stainless



Part No.	Shaft Size d		Dimensions (mm) (in)															Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	D	E	F	G	H	K	L	M	O	P	R	S			
SHCST201-8		1/2	94	21	10.5	89	76	51	10	61	19	37.1	16	32	51	32	12	SHC201-8	ST204	1.0
SHCST202-10		5/8	3.70	0.88	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.46	0.63	1.26	2.01	1.26	0.47	SHC202-10		
SHCST204-20MM	20		94	21	10.5	89	76	51	10	61	19	37.1	16	32	51	32	12	SHC204-20MM		
SHCST204-12		3/4	3.70	0.83	0.41	3.50	2.99	2.01	0.39	2.40	0.75	1.46	0.63	1.26	2.01	1.26	0.47	SHC204-12		
SHCST205-25MM	25		97	24	12	89	76	51	10	62	19	3.89	16	32	51	32	12	SHC205-25MM	ST205	1.2
SHCST205-14		7/8	3.82	0.94	0.47	3.50	2.99	2.01	0.39	2.44	0.75	1.53	0.63	1.26	2.01	1.26	0.47	SHC205-14		
SHCST205-15		15/16																SHC205-15		
SHCST205-16		1																SHC205-16		
SHCST206-30MM	30		113	28	14	102	89	57	10	70	22	44.1	16	37	56	37	12	SHC206-30MM	ST206	1.8
SHCST206-18		1-1/8	4.45	1.10	0.55	4.02	3.50	2.24	0.39	2.76	0.87	1.74	0.63	1.46	2.20	1.46	0.47	SHC206-18		
SHCST206-19		1-3/16																SHC206-19		
SHCST206-20		1-1/4																SHC206-20		
SHCST207-35MM	35		129	30	15	102	89	64	13	78	22	47.3	16	37	64	37	12	SHC207-35MM	ST207 (ST207-WS)	2.2
SHCST207-20		1-1/4	5.08	1.18	0.59	4.02	3.50	2.52	0.51	3.07	0.87	1.86	0.63	1.46	2.52	1.46	0.47	SHC207-20		
SHCST207-22		1-3/8																SHC207-22		
SHCST207-23		1-7/16																SHC207-23		
SHCST208-40MM	40		144	33	16.5	114	102	83	16	88	29	51.4	19	49	83	49	16	SHC208-40MM	ST208	2.7
SHCST208-24		1-1/2	5.67	1.30	0.65	4.49	4.02	3.27	0.63	3.46	1.14	2.02	0.75	1.93	3.27	1.93	0.63	SHC208-24		

Note: Wide Slot unit also available from stock for size 207, with slot width of 13.5MM.

Thermoplastic Take-Up Units

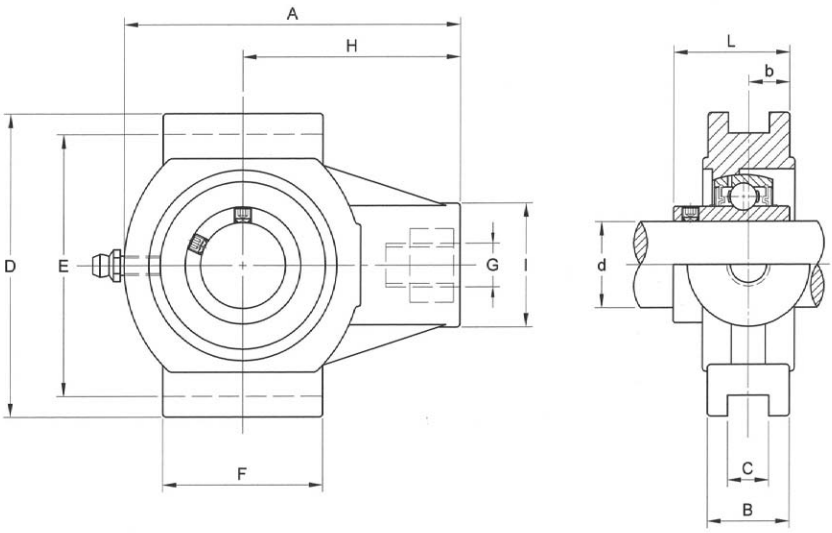
SUCTT 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastis Housing
Set Screw Lock
Metric and Inch Bores
Narrow Slot



Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage & Set Screw: AISI 302 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1
- End covers available from stock



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No. **	Wt. kg
	mm	in	A	B	b	C **	D	E	F	G*	H	I	L			
SUCTT201-8		1/2	99	24	12.7	12	88	76	47	—	64	36	31	SUC201-8	TT204	0.3
SUCTT202-10		5/8	3.90	0.94	0.50	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.22	SUC202-10		
SUCTT204-20MM	20		99	24	12.7	12	88	76	47	—	64	36	31	SUC204-20MM	TT204	0.3
SUCTT204-12		3/4	3.90	0.94	0.50	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.22	SUC204-12		
SUCTT205-25MM	25		99	24	14.3	12	88	76	47	—	64	36	34.1	SUC205-25MM		
SUCTT205-14		7/8	3.90	0.94	0.56	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.34	SUC205-14	TT205	0.4
SUCTT205-15		15/16												SUC205-15		
SUCTT205-16		1												SUC205-16		
SUCTT206-30MM	30		125	28	15.9	12	102	89	63	—	76	40	38.1	SUC206-30MM		
SUCTT206-18		1-1/8	4.92	1.10	0.63	0.47	4.02	3.50	2.48	5/8-11	2.99	1.57	1.50	SUC206-18	TT206	0.7
SUCTT206-19		1-3/16												SUC206-19		
SUCTT206-20		1-1/4												SUC206-20		
SUCTT207-35MM	35		125	28	17.5	12	102	89	63	—	76	40	42.9	SUC207-35MM		
SUCTT207-20		1-1/4	4.92	1.10	0.69	0.47	4.02	3.50	2.48	5/8-11	2.99	1.57	1.69	SUC207-20	TT207	0.9
SUCTT207-22		1-3/8												SUC207-22		
SUCTT207-23		1-7/16												SUC207-23		

Note: * Threaded Insert (G dimension) stocked only in inch threads. ** Wide Slot optional. Larger sizes on request.

Thermoplastic Take-Up Units

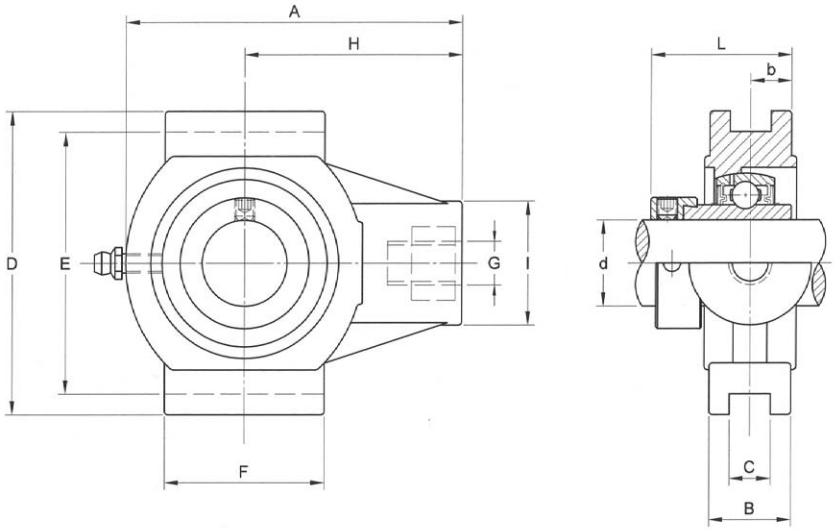
SHCTT 200 Silver Series

Stainless Steel Normal Duty Bearing
PBT Thermoplastic Housing
Eccentric Lock Collar
Metric and Inch Bores
Narrow Slot



Housing:
- Material: Reinforced PBT (polybutylene terephthalate)
- Working Temperatures: -10°F to 210°F
- Interchanges with standard housing dimensions
- Sleeves and bushings are stainless steel
- Solid base, smooth housing designed for washdown
- Excellent chemical resistance
- Grease Fitting: AISI 304

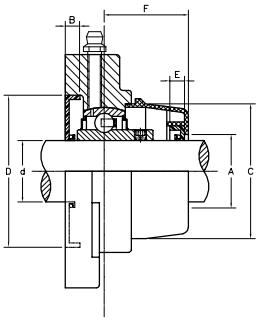
Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage: AISI 302 Stainless
- Collar: AISI 304 Stainless
- Balls: AISI 440C Stainless
- Seals: Rubber & AISI 302 Stainless
- Set Screw: AISI 302 Stainless
- Grease: Mobil FM222 USDA H-1



Part No.	Shaft Size d		Dimensions (mm) (in)											Bearing No.	Housing No.	Wt. kg
	mm	in	A	B	b	C **	D	E	F	G*	H	I	L			
SHCTT201-8		1/2	3.90	24	12	0.47	3.46	2.99	1.85	—	2.52	1.42	39.3	SHC201-8	TT204	0.3
SHCTT202-10		5/8	3.90	0.94	0.47	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.55	SHC202-10		
SHCTT204-20MM	20		99	24	12	12	88	76	47	—	64	36	39.3	SHC204-20MM	TT204	0.2
SHCTT204-12		3/4	3.90	0.94	0.47	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.55	SHC204-12		
SHCTT205-25MM	25		99	24	12	12	88	76	47	—	64	36	41.2	SHC205-25MM		
SHCTT205-15		15/16	3.90	0.94	0.47	0.47	3.46	2.99	1.85	1/2-13	2.52	1.42	1.62	SHC205-15	TT205	0.4
SHCTT205-16		1												SHC205-16		
SHCTT206-30MM	30		125	28	14	12	102	89	63	—	76	40	46.0	SHC206-30MM		
SHCTT206-19		1-3/16	4.92	1.10	0.55	0.47	4.02	3.50	2.48	5/8-11	2.99	1.57	1.81	SHC206-19	TT206	0.7
SHCTT206-20		1-1/4												SHC206-20		
SHCTT207-35MM	35		125	28	14	12	102	89	63	—	76	40	49.8	SHC207-35MM		
SHCTT207-20		1-1/4	4.92	1.10	0.55	0.47	4.02	3.50	2.48	5/8-11	2.99	1.57	1.96	SHC207-20	TT207	0.9
SHCTT207-22		1-3/8												SHC207-22		
SHCTT207-23		1-7/16												SHC207-23		

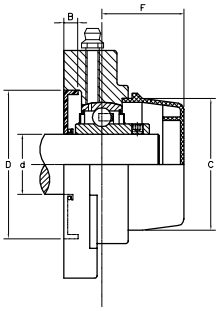
Note: * Threaded Insert (G dimension) stocked only in inch threads. Metric threads available on request. ** Wide Slot optional.

PBT Covers for Thermoplastic Housings





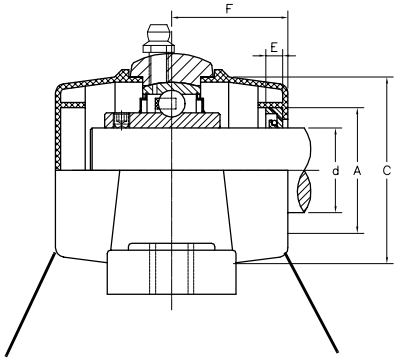
Flange with Open Cover OP
and Back Cover BK





Flange with Closed Cover CL
and Back Cover BK

Use SSB Insert when Back Cover is required

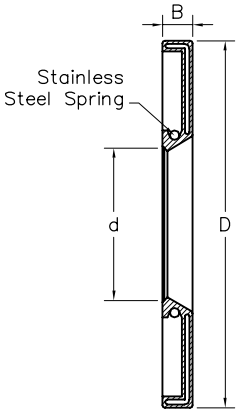


Closed Cover CL Open Cover OP

Pillow Block



Flange Back Cover BK



Part No.	Shaft Size d		Dimensions (mm) (in)						
	mm	in	A	B	C	D	E	F (PB)	F (Flg)
PBT 204 OP PBT 204 BK PBT 204 CL	20	3/4	32 1.26	6 0.24	50 1.97	52 2.05	7 0.28	32 1.26	31 1.22
PBT 205 OP PBT 205 BK PBT 205 CL	25	7/8, 15/16, 1	37 1.46	6 0.24	55 2.17	62 2.44	7 0.28	36 1.42	33 1.30
PBT 206 OP PBT 206 BK PBT 206 CL	30	1-1/8 ,1-3/16, 1-1/4	42 1.65	6 0.24	64 2.52	72 2.83	7 0.28	43 1.69	39 1.54
PBT 207 OP PBT 207 BK PBT 207 CL	35	1-1/4 ,1-3/8, 1-7/16	47 1.85	6 0.24	74.5 2.93	82 3.23	7 0.28	46 1.81	42 1.65
PBT 208 OP PBT 208 BK PBT 208 CL	40	1-1/2	52 2.05	6 0.24	84 3.31	88 3.46	7 0.28	53 2.09	47 1.85
PBT 209 OP PBT 209 BK PBT 209 CL	45	1-5/8, 1-11/16, 1-3/4	57 2.24	6 0.24	89 3.50	93 3.66	7 0.28	68 2.67	63 2.48
PBT 210 OP PBT 210 BK PBT 210 CL	50	1-7/8, 1-15/16, 2	62 2.44	6 0.24	94 3.70	98 3.86	7 0.28	72 2.83	67 2.64

Note: Back cover requires using a SSB Stainless insert (narrow inner ring). Pry Tab on covers allows easy removal.

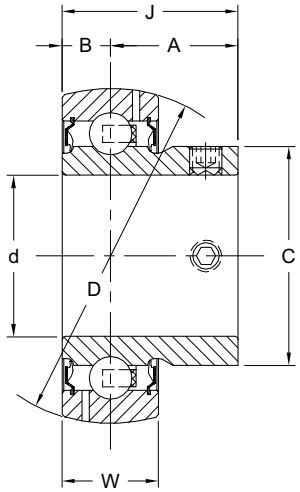
Stainless Steel Ball Bearing Inserts

SSB 200 Silver Series

Stainless Steel Normal Duty
Set Screw Lock
Metric and Inch Bores
Narrow Inner Ring
Steel Retainer

Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage: AISI 302 Stainless
Balls: AISI 400C Stainless
Seals: Rubber & AISI 302 Stainless
Set Screw: AISI 302 Stainless
Grease: Mobil FM222, USDA H-1





Beveled

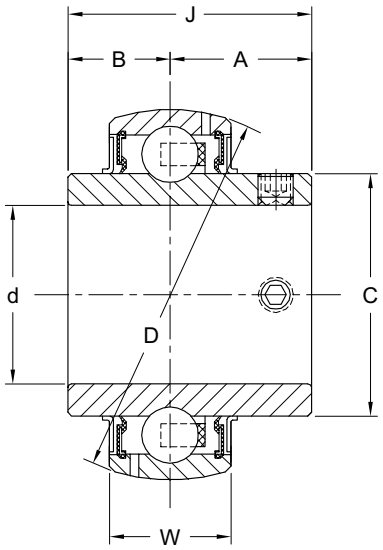
Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
SSB204-20MM	20		18	7.0	28.50	47	25.0	14	10560	5190	7450	0.1
SSB204-12		3/4	0.71	0.28	1.12	1.850	0.98	0.551	2400	1180		
SSB205-25MM	25		19.5	7.5	34.01	52	27.0	15	11440	6290		
SSB205-14		7/8	0.77	0.30	1.34	2.047	1.06	0.591	2600	1430	6250	0.1
SSB205-16		1										
SSB206-30MM	30		22	8.0	40.00	62	30.0	16	16280	8900		
SSB206-18		1-1/8	0.87	0.32	1.57	2.441	1.18	0.630	3700	2030		
SSB206-19		1-3/16									5300	0.3
SSB206-20		1-1/4										
SSB207-35MM	35		23.5	8.5	46.69	72	32.0	17	21340	12320		
SSB207-20		1-1/4	0.93	0.33	1.84	2.835	1.26	0.669	4850	2800		
SSB207-22		1-3/8									4500	0.4
SSB207-23		1-7/16										
SSB208-40MM	40		25	9.0	52.70	80	34.0	18	24640	14081		
SSB208-24		1-1/2	0.98	0.35	2.07	3.150	1.34	0.709	5600	3200	4000	0.5

Stainless Steel Ball Bearing Inserts

SUC 200 Silver Series

Stainless Steel Normal Duty Bearing
Set Screw Lock
Metric and Inch Bores
Wide Inner Ring





Bearing Insert:
- Inner & Outer Race: AISI 440C Stainless
- Cage: AISI 302 Stainless
- Balls: AISI 400C Stainless
- Seals: Rubber & AISI 302 Stainless
- Set Screws: AISI 302 Stainless
- Grease: Mobil FM222, USDA H-1

Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating CN lbf	Basic Static Load Rating C_o lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
SUC204-20MM	20		18.3	12.7	28.5	47	31	17	10560	5190		
SUC201-8		1/2	0.72	0.5	1.12	1.8504	1.22	0.669	2400	1180	7450	0.2
SUC202-10		5/8										
SUC204-12		3/4										
SUC205-25MM	25		19.8	14.3	34	52	34.1	17	11440	6290		
SUC205-14		7/8	0.78	0.56	1.34	2.0472	1.34	0.669	2600	1430	6250	0.2
SUC205-15		15/16										
SUC205-16		1										
SUC206-30MM	30		22.2	15.9	40	62	38.1	19	16280	8900		
SUC206-18		1-1/8	0.87	0.63	1.57	2.4409	1.5	0.748	3700	2030	5300	0.3
SUC206-19		1-3/16										
SUC206-20		1-1/4										
SUC207-35MM	35		25.4	17.5	46.7	72	42.9	20	21340	12320		
SUC207-20		1-1/4	1.0	0.69	1.84	2.8346	1.69	0.787	4850	2800	4500	0.5
SUC207-22		1-3/8										
SUC207-23		1-7/16										
SUC208-40MM	40		30.2	19	52.7	80	49.2	21	24640	14080	4000	0.7
SUC208-24		1-1/2	1.19	0.75	2.07	3.1496	1.94	0.827	5600	3200		
SUC209-45MM	45		30.2	19	57.3	85	49.2	22	27280	15840		
SUC209-27		1-11/16	1.19	0.75	2.26	3.3465	1.94	0.866	6200	3600	3700	0.7
SUC209-28		1-3/4										
SUC210-50MM	50		32.6	19	62.2	90	51.6	24	29920	18500		
SUC210-31		1-15/16	1.28	0.75	2.45	3.5433	2.03	0.945	6800	4200	3400	0.8
SUC210-32		2										
SUC211-55MM	55		33.4	22.2	68.8	100	55.6	25	32560	24640		
SUC211-32		2	1.31	0.87	2.71	3.93	2.19	0.984	7400	5600	3100	1.1
SUC211-35		2-3/16										
SUC212-60MM	60		39.7	25.4	75.4	110	65.1	27	39600	30360	2800	1.5
SUC212-39		2-7/16	1.56	1.00	2.97	4.3307	2.56	1.063	9000	6900		
SUC215-47	—	2-15/16	1.75	1.31	3.62	5.1181	3.06	1.26	48400	40700	2300	2.2
SUC215-48	—	3							11000	9250		

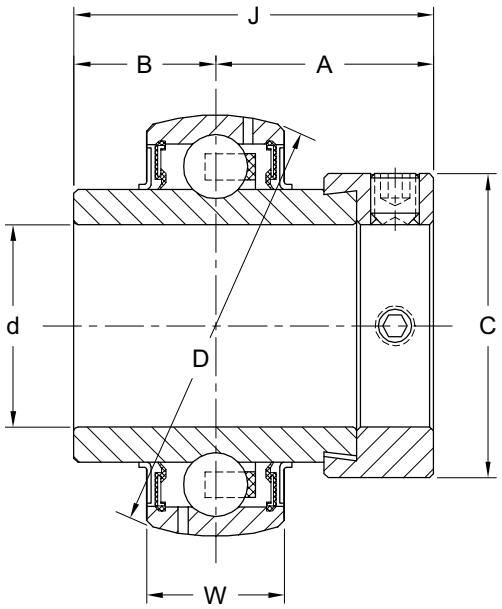
Note: Larger sizes possible. Consult PTI.

Stainless Steel Ball Bearing Inserts

SHC 200 Silver Series

Stainless Steel, Normal Duty
Eccentric Collar Lock
Metric and Inch Bores
Wide Inner Ring





Bearing Insert:
Inner & Outer Race: AISI 440C Stainless
Cage & Set Screw: AISI 302 Stainless
Balls: AISI 400C Stainless
Seals: Rubber & AISI 302 Stainless
Collar: AISI 304 Stainless
Grease: Mobil FM222, USDA H-1

Part No.	Shaft Size d		Dimensions (mm) (in)						Basic Load Rating C N lbf	Basic Static Load Rating C_o N lbf	Max rpm	Wt. kg
	mm	in	A	B	C	D	J	W				
SHC201-8 SHC202-10		1/2 5/8	26.6 1.05	12.7 0.50	33.3 1.31	47 1.850	39.3 1.55	17 0.67	10560 2400	5190 1180	7450	0.2
SHC204-20MM SHC204-12	20	 3/4	26.6 1.05	12.7 0.50	33.3 1.31	47 1.850	39.3 1.55	17 0.67	10560 2400	5190 1180	7450	0.2
SHC205-25MM SHC205-14 SHC205-15 SHC205-16	25	 7/8 15/16 1	26.9 1.06	14.3 0.56	38.1 1.50	52 2.047	41.2 1.62	17 0.67	11440 2600	6290 1430	6250	0.3
SHC206-30MM SHC206-18 SHC206-19 SHC206-20	30	 1-1/8 1-3/16 1-1/4	30.1 1.19	15.9 0.63	44.5 1.75	62 2.441	46.1 1.82	19 0.75	16280 3700	8900 2030	5300	0.5
SHC207-35MM SHC207-20 SHC207-22 SHC207-23	35	 1-1/4 1-3/8 1-7/16	32.3 1.27	17.5 0.69	55.6 2.19	72 2.835	49.8 1.96	20 0.79	21340 4850	14080 2800	4500	0.7
SHC208-40MM SHC208-24	40	 1-1/2	34.9 1.38	19.0 0.75	60.3 2.37	80 3.150	53.9 2.12	21 0.83	24640 5600	14080 3200	4000	0.8
SHC209-45MM SHC209-26 SHC209-27 SHC209-28	45	 1-5/8 1-11/16 1-3/4	34.9 1.38	19.0 0.75	63.5 2.50	85 3.347	53.9 2.12	22 0.87	27280 6200	15840 3600	3700	1.1
SHC210-50MM SHC210-30 SHC210-31 SHC210-32	50	 1-7/8 1-15/16 2	38.1 1.50	19.0 0.75	69.9 2.75	90 3.543	57.0 2.24	24 0.94	29920 6800	18500 4200	3400	1.2
SHC211-55MM SHC211-32 SHC211-34 SHC211-35	55	 2 2-1/8 2-3/16	43.6 1.71	22.2 .87	76.2 3.00	100 3.937	65.8 2.59	25 0.98	43030 9780	28950 6580	3100	1.4
SHC212-60MM SHC212-36 SHC212-38 SHC212-39	60	 2-1/4 2-3/8 2-7/16	46.8 1.84	25.4 1.00	84.2 3.31	110 4.331	72.2 2.84	27 1.06	52000 11800	35590 8090	2800	1.8

Note: Larger sizes on request.

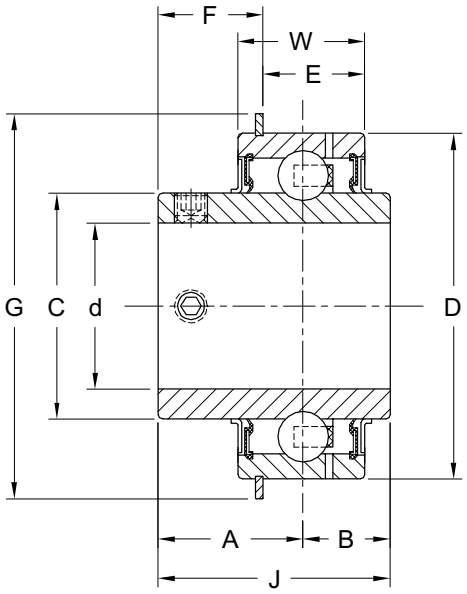
Stainless Steel Ball Bearing Inserts

SSER 200 Silver Series

Set Screw Lock
Normal Duty
Metric and Inch Bores
OD Snap Ring
Wide Inner Ring

Bearing Materials:
Inner & Outer Race: AISI 440C Stainless
Cage: AISI 302 Stainless
Balls: AISI 400C Stainless
Seals: Rubber & AISI 302 Stainless
Set Screws: AISI 302 Stainless
Snap Ring: AISI 304 Stainless
Grease: Mobil FM222, USDA H-1

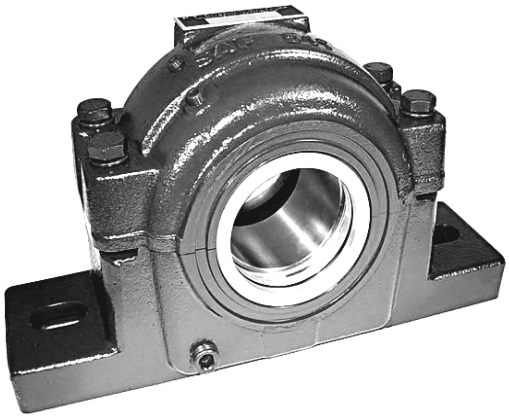




Part No.	Shaft Size d		Dimensions (mm) (in)									Load Ratings		Max rpm	Wt. kg
	mm	in	A	B	C	D	E	F	G	J	W	Dynamic C N lbf	Static C_o N lbf		
SSER204-20MM	20		19.5	11.5	28.3	47	12.06	15.08	52.7	31	15.9	10560	5190	7450	0.3
SSER204-12		3/4	0.77	0.45	1.11	1.850	0.47	0.59	2.07	1.22	0.62	2400	1180		
SSER205-25MM	25		21.8	13.1	34.0	52	15.29	15.78	57.9	34.9	19.1	11440	6290		
SSER205-15		15/16	0.86	0.52	1.33	2.047	0.60	0.62	2.28	1.37	0.75	2600	1430	6250	0.3
SSER205-16		1													
SSER206-30MM	30		22.2	15.9	40.3	62	17.02	15.93	67.7	38.1	22.2	16280	8900		
SSER206-18		1-1/8	0.87	0.63	1.58	2.441	0.67	0.63	2.67	1.50	0.87	3700	2030	5300	0.4
SSER206-19		1-3/16													
SSER206-20		1-1/4													
SSER207-35MM	35		25.4	17.5	46.9	72	18.62	18.32	78.6	42.9	23.8	21340	12320		
SSER207-20		1-1/4	1.0	0.69	1.85	2.835	0.73	0.72	3.09	1.69	0.94	4850	2800	4500	0.5
SSER207-23		1-7/16													
SSER208-40MM	40		30.2	19	52.4	80	22.62	21.1	86.6	49.2	27.8	24640	14080	4000	0.7
SSER208-24		1-1/2	1.19	0.75	2.06	3.150	0.89	0.83	3.41	1.94	1.09	5600	3200		
SSER209-45MM	45		30.2	19	57.4	85	22.62	21.1	91.6	49.2	27.8	27280	15840		
SSER209-27		1-11/16	1.19	0.75	2.26	3.347	0.89	0.83	3.61	1.94	1.09	6200	3600	3700	0.8
SSER209-28		1-3/4													
SSER210-50MM	50		32.6	19	61.8	90	22.62	23.84	96.5	51.6	28.6	29920	18500		
SSER210-31		1-15/16	1.28	0.75	2.43	3.543	0.89	0.94	3.80	2.03	1.12	6800	4200	3400	0.9
SSER210-32		2													

SAF Split Pillow Blocks

Features and Seal Options





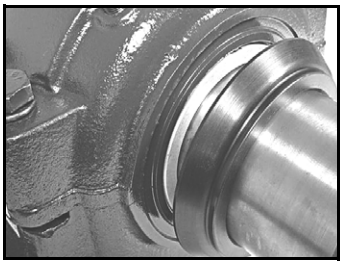
LER Seals PER Seals LER-DC EPR Cover

The new PTI SAF Series Pillow Blocks include unique features, multiple seal options and are stocked in 3 different housing materials: Cast Iron, Ductile Iron and Cast Steel. These units can handle a variety of application conditions including heavy loads, high and low speeds, grease or oil lube and offer seal options for the most challenging environments. This block is extremely versatile and economical. The SAF Block has industry standard mounting and shaft center height dimensions.

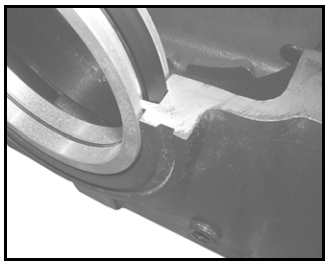
The new solid base housing is one of the most robust blocks available. The design includes an internal oil cross-port channel to ensure balanced oil levels for both sets of rollers of the spherical bearing. If high speed is a requirement, double row ball bearings can also be used. For circulation oil systems, large drain holes are standard on each side of the block. The drains accept standard oil site glasses.

Housing caps and bases are paired to ensure a controlled bearing fit; housing match marks are standard. Large pry slots help make access to the bearing easy.

The LER is a popular standard labyrinth seal for SAF blocks. The PER interchanges completely and includes an o-ring shaft seal for a snug fit on the shaft. The O-ring will cause the PER to generally spin with the shaft. The EPR end cover seals one end of the housing.



LER-DC Dust Cover/Wiper Seal can be used with both LER or PER seals. They provide an additional barrier and flinger for contaminants. The housings machined face provides for an ideal contact for the wiper seal to shroud seal area and create an additional labyrinth.

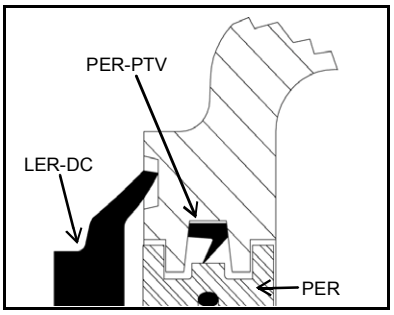


PER-PTV-ring is a lip contact seal installed over the PER and within the housing seal grooves. The PTV-ring seal allows the grease to slowly purge creating a barrier for contaminants. The lip contact seal can be reversed to also retain the grease for applications where contamination is of less concern or access for re-lube is difficult.

Seal Options:

1. LER Standard Labyrinth Seal
2. LER-DC Dust Cover/Wiper Seal for LER or PER Seals
3. PER Labyrinth with O-ring
4. PER-PTV-ring Seal for use with PER Labyrinth
5. TER Taconite with V-ring face seal
6. TER-OS Taconite Seal with Oil Seal.
7. EPR End Covers

The LER-DC in combination with the PER and PER-PTV Seal, provides optimum protection for low speed application in harsh environments.

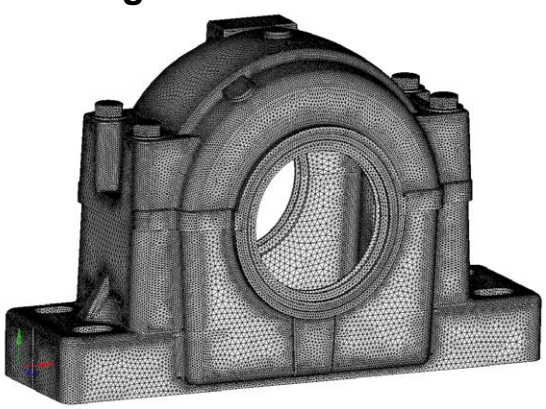




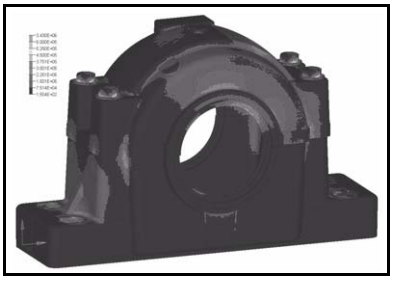
TER-OS Seal

The TER taconite seal is available in two versions...one with a V-ring face seal and the other with an oil seal as a shaft contact seal. Both include a felt shaft seal and an o-ring seal for the housing side to provide a tight yet flexible fit.

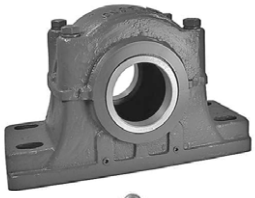
The Design



Finite Element Analysis "mesh" construction (shown on left) provides the model for analyzing static loads. The loading model is shown on the right.



More Split Pillow Blocks & Special Purpose Units



SAF and SDAF blocks for 222, 230, 231 and 232 series spherical roller bearings thru 18“ shaft diameter are stock and larger sizes are available on request. Smaller sizes will accommodate double row ball bearings for high speed applications. Ductile Iron and Cast steel housing are also available, with stock typical on the popular sizes. Each have taconite seals and end cover options.



SDAF Asymmetric Series Split Blocks allow the spherical bearing to be positioned closer to the shaft locking device which reduces the resultant bending moment. Typically these split blocks are used on shaft sizes that exceed 18” diameter. However smaller units of this asymmetric design are also possible. Housings can be provided in Cast Iron, Ductile Iron or Cast Steel and for 231 and 232 large bore spherical roller bearings. The SE vertical labyrinth sealed units include an internal contact lip seal.



The new SNG Metric Plummer blocks interchange with the PTI SNHF series. Some additional seals are available for both the SNG 500 and SNG 600 series (for 222 and 223 series spherical bearings). Like the SAF series, the SNG will accommodate double row ball bearings for high speed applications. With the SNG unit, it will also accommodate 200 Series block requirements (direct mount) using felt seals and straight bore spherical bearings. FSSNG 4-Bolt Base units also available. SN 500, 600, 200 and 300 Series Metric Blocks are also available from stock.



The S3000 and SD3100 Series are both large bore adapter mounted Metric Plummer Blocks, designed for 230 and 231 Series Spherical Bearings. The SD units are available in cast iron, ductile and cast steel to 380mm shaft diameter. The S3000 Blocks are typically cast iron and available in ductile on request and thru 260mm Shaft diameter. These blocks are industry standard European Metric designs. Taconite seals and End Covers also available.



HSPA Take-Up Units are generally made to order and can be provided in shaft sizes thru 360 mm. Standard units accommodate 230, 222, 231 or 232 series tapered bore spherical bearings. These are normally used in pairs to tension large overland conveyor belt systems. Custom dimensions are possible to accommodate existing guides.



HFO & HFOE units are specifically designed for high speed fans intended for oil lubrication. Internal slingers distribute the oil lubricant evenly. Oil sight glasses are included for monitoring lubrication levels. These units will also accommodate oil circulation systems. Direct mount (straight bore) spherical bearings are the standard units. Housings for taper bore (adapter mount) bearings are available on request. Standard units are normal stock thru 170mm shaft diameters. Larger sizes on request. Housings are typically cast iron; ductile iron is available on request.

Custom Housings

PTI will modify existing housings to accommodate special mounting or application requirements. Customized cast housing shapes and features are also possible.



Oil Sight Glass



Optional Thermal Sensors on the name plate allow a quick visual of the operating temperatures. Sensors can be fitted to the name plate.



PTI can provide housings prepared to receive vibration and thermal sensors.



Split Block Bearings & Accessories

Spherical Roller & Double Row Ball Bearings



Spherical Roller



Double Row Ball

Spherical Roller Bearings are typically used for heavy loads and lower speeds, while Double Row Ball Bearings are primarily used for lighter loads and higher speeds. PTI offers both for our range of inch Split Pillow Blocks and metric Plummer Blocks. Stock Spherical Roller Bearing sizes include 230, 231, 232 & 223 series. Ball Bearing sizes include 1200, 1300, 2200 and 2300 Series. Both types are normally lubricated with grease, however oil is typically used for higher speeds. Split Block Housings can also accommodate both lubrication methods depending on seal options. For selection assistance consult PTI.

Adapter Sleeves - Standard & Hydraulic



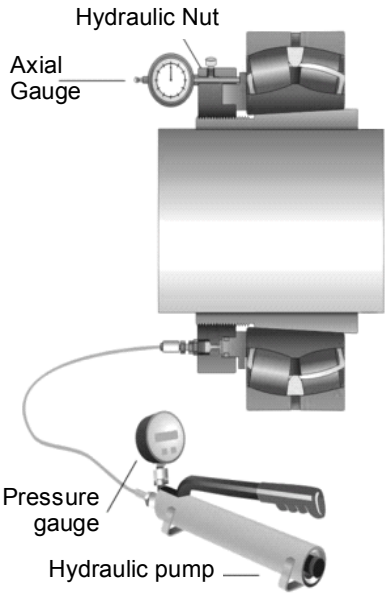
Standard Adapter



Hydraulic Adapter

PTI stocks all of the standard inch and metric bore adapters for both tapered bore Spherical Roller Bearings and Double Row Ball Bearings used with standard split pillow blocks and plummer blocks.

Therefore both H-Series (with inch and metric bores) and SNW Adapters (with inch shaft) sizes are stock. Adapters 7-3/16" and larger will typically be offered as the hydraulic type which includes a provision for the bearing to be removed or adjusted during installation with hydraulic pressure. The hydraulic feature is especially helpful during installation should the initial position of the bearing be incorrect. Hydraulic pressure from a portable pump will loosen the bearing for repositioning.



Hydraulic Mounting Nuts



HMV..C Hydraulic Mounting Nuts are a re-usable tool to assist bearing installation. The face of the nut is a piston that will push on the bearing inner ring as hydraulic pressure develops from a hand pump. This pressure gently pushes the tapered bore bearing onto the tapered adapter, to a final recommend position. The process removes internal clearance from the bearing as the inner ring expands slightly effectively creating a press fit of the bearing onto the shaft. Mounting large units with spanner wrenches can be very difficult and the Hydraulic Nuts makes installation easy. Sizes thru 96 are normal stock. Larger sizes are also possible.

Spanner Wrenches

Spanner Wrenches thru size 44 (8" shaft diameter) are stock. For larger bearings, a hydraulic nut should be used to simplify bearing mounting on a tapered adapter.



Lock-nuts and Lock-washers

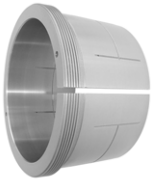
Locknuts and Lock-washers are available separately for use to secure direct mount straight bore bearings. Locknuts can also be customized with jack screws and will press on the bearing inner ring to assist bearing mounting. For infrequent mounting, this is an economical tool that will simplify installation.



Withdrawal Sleeves - Standard & Hydraulic



Standard Withdrawal Sleeve



Hydraulic Withdrawal Sleeve

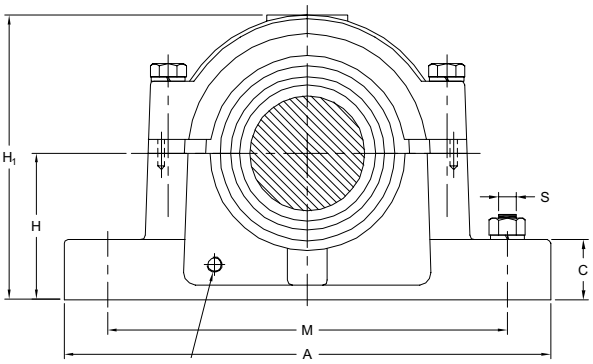
Withdrawal sleeves are typically available for metric shaft diameters and include threads on the large end of the taper for a locknut to dismount the bearing. The Hydraulic removal feature, consists of oil grooves on the sleeve OD and ID to assist both mounting and removal. This feature is suggested for bearings above 200mm bore. Withdrawal sleeves for inch shaft diameters are also available on request.

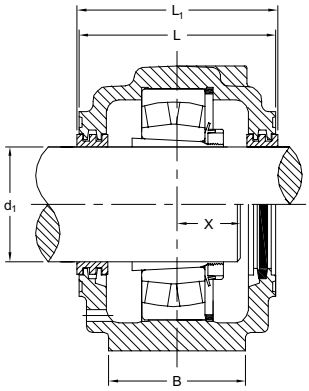
Pillow Block Housings

SAF 500 Series

These Pillow Block Housings accept self-aligning ball or spherical roller bearings with adapter sleeves. They are available in cast iron (SAF), Ductile (SAFD) or cast steel (SAFS). SAF = 2-bolt base, FSAF = 4-bolt base, SAF 522 through SAF 544 only with 4-bolt base. SAF housings are supplied standard with triple labyrinth LER seals. PER, LER-DC and TER Taconite seals are also available as an option. End covers and taconite seals also available. For fixed bearings use the fixing ring included. For expansion units, remove fixing ring(s).







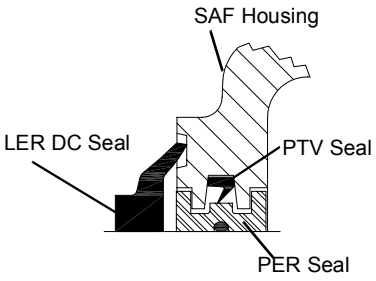
Drain and cross-drilled beneath bearing for oil leveling.

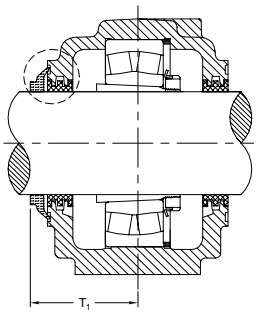
Dimensions in inches

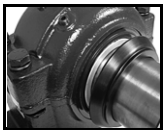
Cast Iron Part No.	Ductile Part No.	Steel Part No.	Shaft Size d_1	H	H_1	L	L_1	A	B	C	M max	M min	E	T_1	S Bolt	X	Wt. lb
SAF 505	—	—	3/4	1.500	2.94	2.75	2.88	6.50	1.75	0.69	5.50	4.63	—	—	(2) 1/2	0.81	4.0
SAF 506	—	—	15/16	1.750	3.38	3.06	3.25	7.50	2.00	0.69	6.13	5.25	—	—	(2) 1/2	0.94	6.0
SAF 507	—	—	1-3/16	2.000	3.81	3.19	3.25	7.50	2.00	0.81	6.13	5.63	—	1.59	(2) 1/2	1.00	8.0
SAF 509	SAFD 509	SAFS 509	1-7/16	2.250	4.38	3.44	3.63	8.25	2.38	0.81	7.00	6.25	—	3.03	(2) 1/2	1.00	9.3
SAF 510	SAFD 510	SAFS 510	1-11/16	2.500	4.75	3.44	3.88	8.25	2.38	0.94	7.00	6.50	—	3.25	(2) 1/2	1.06	10.1
SAF 511	SAFD 511	SAFS 511	1-15/16	2.750	5.25	3.75	4.50	9.63	2.75	0.94	7.88	7.38	—	3.38	(2) 5/8	1.09	12.5
SAF 513	SAFD 513	SAFS 513	2-3/16	3.000	5.94	4.25	4.50	11.00	3.13	1.00	9.50	8.13	—	3.63	(2) 5/8	1.28	19.0
FSAF 513	FSAFD 513	FSAFS 513	2-3/16	3.000	5.94	4.25	4.50	11.00	3.13	1.00	9.50	8.13	1.88	3.63	(4) 1/2	1.28	18.3
SAF 515	SAFD 515	SAFS 515	2-7/16	3.250	6.38	4.63	4.75	11.25	3.13	1.13	9.63	8.63	—	3.81	(2) 5/8	1.38	18.3
FSAF 515	FSAFD 515	FSAFS 515	2-7/16	3.250	6.38	4.63	4.75	11.25	3.13	1.13	9.63	8.63	1.88	3.81	(4) 1/2	1.38	17.9
SAF 516	SAFD 516	SAFS 516	2-11/16	3.500	6.88	4.75	4.88	13.00	3.50	1.19	11.00	9.63	—	4.13	(2) 3/4	1.44	27.3
FSAF 516	FSAFD 516	FSAFS 516	2-11/16	3.500	6.88	4.75	4.88	13.00	3.50	1.19	11.00	9.63	2.13	4.13	(4) 5/8	1.44	26.9
SAF 517	SAFD 517	SAFS 517	2-15/16	3.750	7.31	4.81	5.00	13.00	3.50	1.25	11.00	9.88	—	3.91	(2) 3/4	1.53	31.8
FSAF 517	FSAFD 517	FSAFS 517	2-15/16	3.750	7.31	4.81	5.00	13.00	3.50	1.25	11.00	9.88	2.13	3.91	(4) 5/8	1.53	29.8
SAF 518	SAFD 518	SAFS 518	3-3/16	4.000	7.75	5.50	5.75	13.75	3.88	1.31	11.63	10.38	—	4.06	(2) 3/4	1.69	36.6
FSAF 518	FSAFD 518	FSAFS 518	3-3/16	4.000	7.75	5.50	5.75	13.75	3.88	1.31	11.63	10.38	2.13	4.06	(4) 5/8	1.69	37.5
SAF 520	SAFD 520	SAFS 520	3-7/16	4.500	8.75	5.81	6.00	15.25	4.38	1.75	13.13	11.63	—	4.38	(2) 7/8	2.00	52.5
FSAF 520	FSAFD 520	FSAFS 520	3-7/16	4.500	8.75	5.81	6.00	15.25	4.38	1.75	13.13	11.63	2.38	4.38	(4) 3/4	2.00	50.3
SAF 522	SAFD 522	SAFS 522	3-15/16	4.938	9.63	6.44	6.50	16.50	4.75	2.00	14.50	12.63	2.75	4.56	(4) 3/4	2.06	69.2
SAF 524	SAFD 524	SAFS 524	4-3/16	5.250	10.25	7.13	7.38	16.50	4.75	2.13	14.50	13.25	2.75	5.00	(4) 3/4	2.22	71.2
SAF 526	SAFD 526	SAFS 526	4-7/16	6.000	11.50	7.75	8.00	18.38	5.13	2.38	16.00	14.63	3.25	5.31	(4) 7/8	2.38	94.8
SAF 528	SAFD 528	SAFS 528	4-15/16	6.000	11.75	7.38	7.63	20.13	5.88	2.38	17.13	16.00	3.38	5.13	(4) 1	2.50	110.0
SAF 530	SAFD 530	SAFS 530	5-3/16	6.313	12.50	8.13	8.38	21.25	6.25	2.50	18.25	17.00	3.75	5.50	(4) 1	2.72	138.0
SAF 532	SAFD 532	SAFS 532	5-7/16	6.688	13.31	8.50	8.75	22.00	6.25	2.63	19.25	17.38	3.75	5.69	(4) 1	2.94	158.0
SAF 534	SAFD 534	SAFS 534	5-15/16	7.063	14.19	9.25	9.63	24.75	6.75	2.75	21.63	19.38	4.25	5.06	(4) 1	3.09	185.0
SAF 536	SAFD 536	SAFS 536	6-7/16	7.500	14.88	9.63	10.00	26.75	7.13	3.00	23.63	20.88	4.63	5.25	(4) 1	3.13	217.0
SAF 538	SAFD 538	SAFS 538	6-15/16	7.875	15.69	10.50	10.75	28.00	7.50	3.13	24.38	21.63	4.50	5.69	(4) 1-1/4	3.28	285.0
SAF 540	SAFD 540	SAFS 540	7-3/16	8.250	16.50	11.00	11.25	29.50	8.00	3.38	25.00	22.50	5.00	7.06	(4) 1-1/4	3.44	331.0
SAF 544	SAFD 544	SAFS 544	7-15/16	9.500	18.63	11.75	12.00	32.75	8.75	3.75	27.88	24.75	5.25	7.25	(4) 1-1/2	3.81	391.0

Pillow Block Housing Accessories

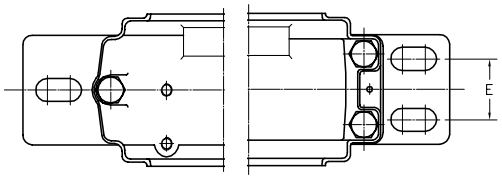
SAF 500 Series







LER DC
Wiper Seal



Shaft Size * in	Housing Part No.	Bearing Part No.	Adapter		Seals					Fixing Rings		End Cover Part No.
			SNW Type Part No.	H Type Part No.	LER Part No.	LER DC Part No.	PER Part No.	PER-PTV V-Ring	TER Part No.	Part No.	Qty.	
3/4	SAF 505	1205K 2205K	SNW05 x 3/4 SNW05 x 3/4	H205 x 3/4 H305 x 3/4	LER6	—	—	—	—	FR52 x 5 FR52 x 7	2 1	—
15/16	SAF 506	1206K 2206K	SNW06 x 15/16 SNW06 x 15/16	H306 x 15/16 H306 x 15/16	LER10	—	—	—	—	FR62 x 7 FR62 x 10	2 1	—
1-3/16	SAF 507	1207K 2207K	SNW07 x 1-3/16 SNW07 x 1-3/16	H207 x 1-3/16 H307 x 1-3/16	LER14	—	—	—	—	FR72 x 8 FR72 x 10	2 1	—
1-7/16	SAF 509	1209K 2209K **22209K**	SNW09 x 1-7/16 SNW09 x 1-7/16 SNW09 x 1-7/16	H209 x 1-7/16 H309 x 1-7/16 H309 x 1-7/16	LER17	—	PER17	PER17-PTV	TER17	FR85 x 10 FR85 x 6 FR85 x 6	1 1 1	EPR03
1-11/16	SAF 510	1210K 2210K **22210K**	SNW10 x 1-11/16 SNW10 x 1-11/16 SNW10 x 1-11/16	H210 x 1-11/16 H310 x 1-11/16 H310 x 1-11/16	LER20	—	PER20	PER20-PTV	TER20	FR90 x 10 FR90 x 7 FR90 x 7	1 1 1	EPR04
1-15/16	SAF 511	1211K 2211K **22211K**	SNW11 x 1-15/16 SNW11 x 1-15/16 SNW11 x 1-15/16	H211 x 1-15/16 H311 x 1-15/16 H311 x 1-15/16	LER24	—	PER24	PER24-PTV	TER24	FR100 x 10 FR100 x 6 FR100 x 6	2 1 1	EPR05
2-3/16	SAF 513 FSAF 513	1213K 2213K **22213K**	SNW13 x 2-3/16 SNW13 x 2-3/16 SNW13 x 2-3/16	H213 x 2-3/16 H313 x 2-3/16 H313 x 2-3/16	LER29	—	PER29	PER29-PTV	TER29	FR120 x 8 FR120 x 8 FR120 x 8	2 1 1	EPR06
2-7/16	SAF 515 FSAF 515	1215K 2215K **22215K**	SNW15 x 2-7/16 SNW15 x 2-7/16 SNW15 x 2-7/16	H215 x 2-7/16 H315 x 2-7/16 H315 x 2-7/16	LER37	—	PER37	PER37-PTV	TER37	FR130 x 6 FR130 x 10 FR130 x 10	2 1 1	EPR07
2-11/16	SAF 516 FSAF 516	1216K 2216K **22216K**	SNW16 x 2-11/16 SNW16 x 2-11/16 SNW16 x 2-11/16	H216 x 2-11/16 H316 x 2-11/16 H316 x 2-11/16	LER44	—	PER44	PER44-PTV	TER44	FR140 x 8.5 FR140 x 10 FR140 x 10	2 1 1	EPR08
2-15/16	SAF 517 FSAF 517	1217K 2217K **22217K**	SNW17 x 2-15/16 SNW17 x 2-15/16 SNW17 x 2-15/16	H217 x 2-15/16 H317 x 2-15/16 H317 x 2-15/16	LER53	LER53 DC	PER53	PER53-PTV	TER53	FR150 x 9 FR150 x 10 FR150 x 10	2 1 1	EPR09
3-3/16	SAF 518 FSAF 518	1218K 2218K **22218K**	SNW18 x 3-3/16 SNW18 x 3-3/16 SNW18 x 3-3/16	H218 x 3-3/16 H318 x 3-3/16 H318 x 3-3/16	LER188	LER188 DC	PER188	PER188-PTV	TER188	FR160 x 10 FR160 x 10 FR160 x 10	2 1 1	EPR11
3-7/16	SAF 520 FSAF 520	1220K 2220K **22220K**	SNW20 x 3-7/16 SNW20 x 3-7/16 SNW20 x 3-7/16	H220 x 3-7/16 H320 x 3-7/16 H320 x 3-7/16	LER102	LER102 DC	PER102	PER102-PTV	TER102	FR180 x 11 FR180 x 10 FR180 x 10	2 1 1	EPR12
3-15/16	SAF 522	1222K 2222K **22222K**	SNW22 x 3-15/16 SNW22 x 3-15/16 SNW22 x 3-15/16	H222 x 3-15/16 H322 x 3-15/16 H322 x 3-15/16	LER109	LER109 DC	PER109	PER109-PTV	TER109	FR200 x 12.5 FR200 x 10 FR200 x 10	2 1 1	EPR13
4-3/16	SAF 524	**22224K**	SNW24 x 4-3/16	H3124 x 4-3/16	LER113	LER113 DC	PER113	PER113-PTV	TER113	FR215 x 10	1	EPR14
4-7/16	SAF 526	**22226K**	SNW26 x 4-7/16	H3126 x 4-7/16	LER117	LER117 DC	PER117	PER117-PTV	TER117	FR230 x 10	1	EPR15
4-15/16	SAF 528	**22228K**	SNW28 x 4-15/16	H3128 x 4-15/16	LER122	LER122 DC	PER122	PER122-PTV	TER122	FR250 x 10	1	EPR27
5-3/16	SAF 530	**22230K**	SNW30 x 5-3/16	H3130 x 5-3/16	LER125	LER125 DC	PER125	PER125-PTV	TER125	FR270 x 10	1	EPR16
5-7/16	SAF 532	**22232K**	SNW32 x 5-7/16	H3132 x 5-7/16	LER130	LER130 DC	PER130	PER130-PTV	TER130	FR290 x 10	1	EPR16
5-15/16	SAF 534	**22234K**	SNW34 x 5-15/16	H3134 x 5-15/16	LER140	LER140 DC	PER140	PER140-PTV	TER140	FR310 x 10	1	EPR18
6-7/16	SAF 536	**22236K**	SNW36 x 6-7/16	H3136 x 6-7/16	LER148	LER148 DC	PER148	PER148-PTV	TER148	FR320 x 10	1	EPR19
6-15/16	SAF 538	**22238K**	SNW38 x 6-15/16	H3138 x 6-15/16	LER155	LER155 DC	PER155	PER155-PTV	TER155	FR340 x 10	1	EPR20
7-3/16	SAF 540	**22240K**	SNW40 x 7-3/16	H3140 x 7-3/16	LER159	LER159 DC	PER159	PER159-PTV	TER159	FR360 x 10	1	EPR21
7-15/16	SAF 544	**22244K**	SNW44 x 7-15/16	H3144 x 7-15/16	LER167	LER167 DC	PER167	PER167-PTV	TER167	FR400 x 10	1	EPR23

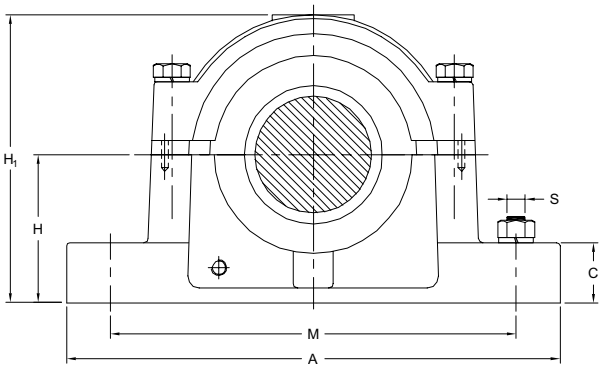
Note: Bearing part Number in bold face is a double row taper bore spherical and most popular. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 22220K C3W33. * For other shaft sizes possible see following pages.

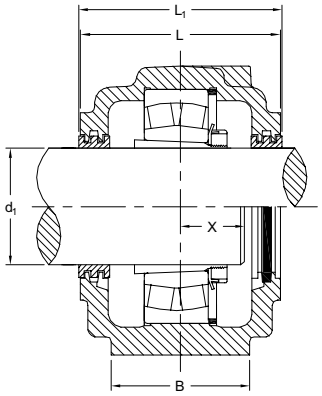
Pillow Block Housings

SAF 600 Series

These Pillow Block Housings will accept self-aligning ball (for high speed) or spherical roller bearings with adapter sleeves (for heavy load applications). They are available in cast iron (SAF) or cast steel (SAFS). SAF = 2 bolt base, FSAF = 4 bolt base, SAF 618 through SAF 638 only with 4 bolt base. SAF housings are supplied standard with triple labyrinth seals. End covers and taconite seals available on request. Each housing includes fixing rings(s). When removed, the units will accommodate shaft expansion.







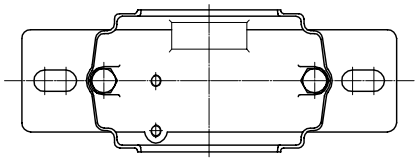
Dimensions in inches

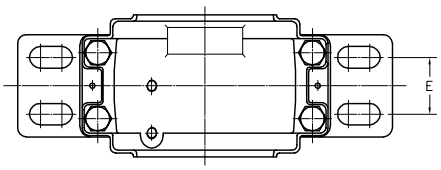
Cast Part No. *	Shaft Size d_1	A	B	C	E	H	H_1	L	L_1	M max	M min	S Bolt	X	Wt. lb
SAF 609	1-7/16	9.63	2.75	1.00	—	2.750	5.31	4.13	4.25	7.88	7.38	(2) 5/8	1.06	13.6
SAF 610	1-11/16	10.63	2.75	1.13	—	3.000	5.81	4.50	4.63	9.00	7.75	(2) 5/8	1.13	17.8
SAF 611	1-15/16	11.00	3.13	1.19	—	3.250	6.19	4.75	4.88	9.50	8.13	(2) 5/8	1.19	21.3
FSAF 611	1-15/16	11.00	3.13	1.19	2.00	3.250	6.19	4.75	4.88	9.50	8.13	(4) 1/2	1.19	21.3
SAF 613	2-3/16	13.00	3.50	1.25	—	3.500	6.94	5.25	5.38	11.00	9.63	(2) 3/4	1.38	30.2
FSAF 613	2-3/16	13.00	3.50	1.25	2.13	3.500	6.94	5.25	5.38	11.00	9.63	(4) 5/8	1.38	30.2
SAF 615	2-7/16	13.75	3.88	1.31	—	4.000	7.81	5.88	6.25	11.63	10.38	(2) 3/4	1.38	41.3
FSAF 615	2-7/16	13.75	3.88	1.31	2.13	4.000	7.81	5.88	6.25	11.63	10.38	(4) 5/8	1.38	41.3
SAF 616	2-11/16	14.25	3.88	1.31	—	4.250	8.25	6.13	6.50	12.63	10.63	(2) 3/4	1.38	48.0
FSAF 616	2-11/16	14.25	3.88	1.31	2.13	4.250	8.25	6.13	6.50	12.63	10.63	(4) 5/8	1.38	48.0
SAF 617	2-15/16	15.25	4.38	1.75	—	4.500	8.75	6.50	6.75	13.13	11.63	(2) 7/8	1.56	71.0
FSAF 617	2-15/16	15.25	4.38	1.75	2.38	4.500	8.75	6.50	6.75	13.13	11.63	(4) 3/4	1.56	71.0
SAF 618	3-3/16	15.50	4.38	2.00	2.25	4.750	9.19	6.63	6.88	13.50	12.00	(4) 3/4	2.16	76.0
SAF 620	3-7/16	16.50	4.75	2.13	2.75	5.250	10.25	7.13	7.38	14.50	13.25	(4) 3/4	2.44	98.0
SAF 622	3-15/16	18.38	5.13	2.38	3.25	6.000	11.50	7.75	8.00	16.00	14.63	(4) 7/8	2.59	125.0
SAF 624	4-3/16	21.25	6.25	2.50	3.75	6.313	12.50	8.13	8.38	18.25	17.00	(4) 1	2.75	166.0
SAF 626	4-7/16	22.00	6.25	2.63	3.75	6.689	13.31	8.50	8.75	19.25	17.38	(4) 1	2.94	193.0
SAF 628	4-15/16	24.75	6.75	2.75	4.25	7.063	14.19	9.25	9.38	21.63	19.38	(4) 1	3.16	244.0
SAF 630	5-3/16	26.75	7.13	3.00	4.63	7.500	14.88	9.63	9.75	23.63	20.88	(4) 1	3.41	271.0
SAF 632	5-7/16	28.00	7.50	3.13	4.50	7.875	15.69	10.50	10.63	24.38	21.63	(4) 1-1/4	3.59	280.0
SAF 634	5-15/16	29.50	8.00	3.38	5.00	8.250	16.50	11.00	11.25	25.00	22.50	(4) 1-1/4	3.75	345.0
SAF 636	6-7/16	31.25	8.25	3.50	5.25	8.875	17.75	11.25	11.38	26.63	24.00	(4) 1-1/4	3.90	375.0
SAF 638	6-15/16	32.75	8.75	3.75	5.25	9.500	18.63	11.75	12.00	27.88	24.75	(4) 1-1/2	4.06	480.0
SAF 640	7-3/16	34.25	9.00	4.00	5.50	9.875	20	11.87	12.06	29.50	26.25	(4) 1-1/2	4.25	500.0

Note: * Ductile SAF**D** and Steel SAF**S** housings available on request.

Pillow Block Housing Accessories

SAF 600 Series







TER-OS Seal Option

Shaft Size *	Housing Part No.	Bearing Part No.*	Basic Dynamic Rating C kN	Adapter Sleeves**		Seals		Fixing Rings		End Covers Part No.
				SNW Type Part No.	H Type Part No.	Standard Part No.	Optional Taconite Part No.	Part No.	Qty.	
1-7/16	SAF 609	1309K	38	SNW 09 x 1-7/16	H 309 x 1-7/16	LER 17	TER 17	FR100 x 10.5	2	EPR 03
		2309K	54	SNW 09 x 1-7/16	H 2309 x 1-7/16			FR100 x 10	1	
		21309K	100	SNW 09 x 1-7/16	H 309 x 1-7/16			FR100 x 10.5	2	
		22309K	135	SNW 109 x 1-7/16	H 2309 x 1-7/16			FR100 x 10	1	
1-11/16	SAF 610	1310K	41	SNW 10 x 1-11/16	H 310 x 1-11/16	LER 20	TER 20	FR110 x 11.5	2	EPR 04
		2310K	64.0	SNW 10 x 1-11/16	H 2310 x 1-11/16			FR110 x 10	1	
		21310K	120	SNW 10 x 1-11/16	H 310 x 1-11/16			FR110 x 11.5	2	
		22310K	175	SNW 110 x 1-11/16	H 2310 x 1-11/16			FR110 x 10	1	
1-15/16	SAF 611 FSAF 611	1311K	51	SNW 11 x 1-15/16	H 311 x 1-15/16	LER 24	TER 24	FR120 x 12	2	EPR 05
		2311K	75	SNW 11 x 1-15/16	H 2311 x 1-15/16			FR120 x 10	1	
		21311K	138	SNW 11 x 1-15/16	H 311 x 1-15/16			FR120 x 12	2	
		22311K	195	SNW 111 x 1-15/16	H 2311 x 1-15/16			FR120 x 10	1	
2-3/16	SAF 613 FSAF 613	1313K	62	SNW 13 x 2-3/16	H 313 x 2-3/16	LER 32	TER 32	FR140 x 12.5	2	EPR 06
		2313K	95	SNW 13 x 2-3/16	H 2313 x 2-3/16			FR140 x 10	1	
		21313K	184	SNW 13 x 2-3/16	H 313 x 2-3/16			FR140 x 12.5	2	
		22313K	250	SNW 113 x 2-3/16	H 2313 x 2-3/16			FR140 x 10	1	
2-7/16	SAF 615 FSAF 615	1315K	80	SNW 15 x 2-7/16	H 315 x 2-7/16	LER 37	TER 37	FR160 x 14	2	EPR 07
		2315K	122	SNW 15 x 2-7/16	H 2315 x 2-7/16			FR160 x 10	1	
		21315K	234	SNW 15 x 2-7/16	H 315 x 2-7/16			FR160 x 14	2	
		22315K	340	SNW 115 x 2-7/16	H 2315 x 2-7/16			FR160 x 10	1	
2-11/16	SAF 616 FSAF 616	1316K	88	SNW 16 x 2-11/16	H 316 x 2-11/16	LER 44	TER 44	FR170 x 14.5	2	EPR 08
		2316K	137	SNW 16 x 2-11/16	H 2316 x 2-11/16			FR170 x 10	1	
		21316K	255	SNW 16 x 2-11/16	H 316 x 2-11/16			FR170 x 14.5	2	
		22316K	370	SNW 116 x 2-11/16	H 2316 x 2-11/16			FR170 x 10	1	
2-15/16	SAF 617 FSAF 617	1317K	98	SNW 17 x 2-15/16	H 317 x 2-15/16	LER 184	TER 184	FR180 x 14.5	2	EPR 10
		2317K	140	SNW 17 x 2-15/16	H 2317 x 2-15/16			FR180 x 10	1	
		21317K	290	SNW 17 x 2-15/16	H 317 x 2-15/16			FR180 x 14.5	2	
		22317K	420	SNW 117 x 2-15/16	H 2317 x 2-15/16			FR180 x 10	1	
3-3/16	SAF 618	1318K	180	SNW 18 x 3-3/16	H 318 x 3-3/16	LER 188	TER 188	FR190 x 11.5	2	EPR 11
		2318K	153	SNW 18 x 3-3/16	H 2318 x 3-3/16			FR190 x 10	1	
		21318K	320	SNW 18 x 3-3/16	H 318 x 3/16			FR190 x 11.5	2	
		22318K	475	SNW 118 x 3-3/16	H 2318 x 3-3/16			FR190 x 10	1	
3-7/16	SAF 620	1320K	143	SNW 20 x 3-7/16	H 320 x 3-7/16	LER 102	TER 102	FR215 x 18	2	EPR 12
		2320K	190	SNW 20 x 3-7/16	H 2320 x 3-7/16			FR215 x 10	1	
		21320K	380	SNW 20 x 3-7/16	H 320 x 3-7/16			FR215 x 18	2	
		22320K	600	SNW 120 x 37/16	H 2320 x 3-7/16			FR215 x 10	1	
3-15/16	SAF 622	1322K	160	SNW 22 x 3-15/16	H 322 x 3-15/16	LER109	TER 109	FR240 x 20	2	EPR 13
		21322K	460	SNW 22 x 3-15/16	H 322 x 3-15/16			FR240 x 20	2	
		22322K	720	SNW 122 x 3-15/16	H 2322 x 3-15/16			FR240 x 10	1	
4-3/16	SAF 624	**22324K**	840	SNW 124 x 4-3/16	H 2324 x 4-3/16	LER 113	TER 113	FR260 x 10	1	EPR 14
4-7/16	SAF 626	**22326K**	970	SNW 126 x 4-7/16	H 2326 x 4-7/16	LER 117	TER 117	FR280 x 10	1	EPR 15
4-15/16	SAF 628	**22328K**	1120	SNW 128 x 4-15/16	H 2328 x 4-15/16	LER 122	TER 122	FR300 x 10	1	EPR 27
5-3/16	SAF 630	**22330K**	1250	SNW 130 x 5-3/16	H 2330 x 5-3/16	LER 125	TER 125	FR320 x 10	1	EPR 16
5-7/16	SAF 632	**22332K**	1375	SNW 132 x 5-7/16	H 2332 x 5-7/16	LER 130	TER 130	FR340 x 10	1	EPR 16
5-15/16	SAF 634	**22334K**	1540	SNW 134 x 5-15/16	H 2334 x 5-15/16	LER 140	TER 140	FR360 x 10	1	EPR 18
6-7/16	SAF 636	**22336K**	1725	SNW 136 x 6-7/16	H 2336 x 6-7/16	LER 148	TER 148	FR380 x 10	1	EPR 19
6-15/16	SAF 638	**22338K**	1860	SNW 138 x 6-15/16	H 2338 x 6-15/16	LER 155	TER 155	FR400 x 10	1	EPR 20
7-3/16	SAF 640	**22340K**	2010	SNW 140 x 7-3/16	H 2340 x 7-3/16	LER 159	—	FR420 x 10	1	EPR 21

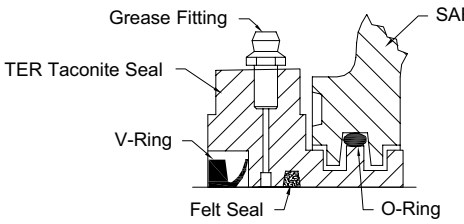
Note: * Popular bearing in bold. ** Select either adapter. Complete bearing part no. will be 22220K C3 W33 where K indicates a taper bore (for adapters), C3 is the internal clearance and W33 is the lube groove on the O.D.

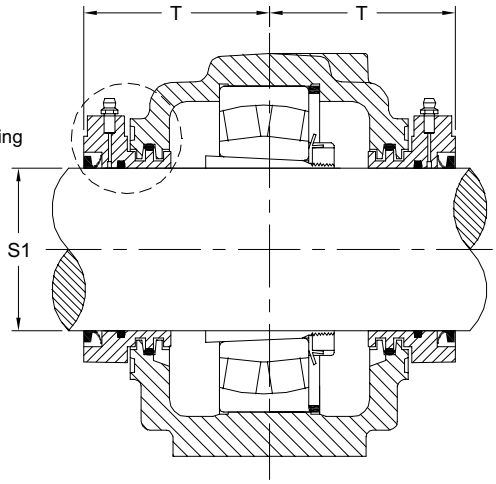
SAF Split Block Accessories

Tac Seals

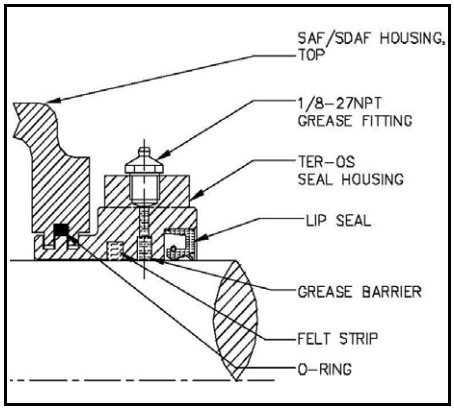

TER Seal

- Taconite Seal options for SAF Housings.
- Fits Industry Standard Housing Grooves.





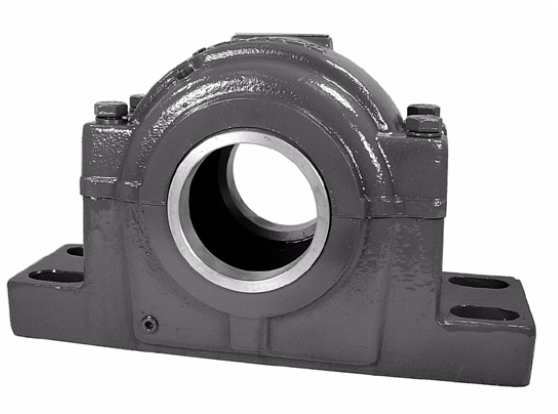

TER-OS Seal



Shaft Size S1	SAF 500 Housing Part No.	SAF 600 Housing Part No.	TAC Seal Part No.	TER-OS Part No.	Length T
1-3/16	SAF 507	—	TER 14	TER 14-OS	1.59
1-7/16	SAF 509	SAF 609	TER 17	TER 17-OS	3.03
1-11/16	SAF 510	SAF 610	TER 20	TER 20-OS	3.25
1-5/16	SAF 511	SAF 611	TER 24	TER 24-OS	3.38
2-3/16	SAF 513	SAF 613	TER 29	TER 29-OS	3.63
2-7/16	SAF 515	SAF 615	TER 37	TER 37-OS	3.81
2-11/16	SAF 516	SAF 616	TER 44	TER 44-OS	4.13
2-13/16	SAF 517	SAF 617	TER 53	TER 53-OS	3.91
3-3/16	SAF 518	SAF 618	TER 188	TER 188-OS	4.06
3-7/16	SAF 520	SAF 620	TER 102	TER 102-OS	4.38
3-15/16	SAF 522	SAF 622	TER 109	TER 109-OS	4.56
4-3/16	SAF 524	SAF 624	TER 113	TER 113-OS	5.00
4-7/16	SAF 526	SAF 626	TER 117	TER 117-OS	5.31
4-15/16	SAF 528	SAF 628	TER 122	TER 122-OS	5.13
5-3/16	SAF 530	SAF 630	TER 125	TER 125-OS	5.50
5-7/16	SAF 532	SAF 632	TER 130	TER 130-OS	5.69
5-15/16	SAF 534	SAF 634	TER 140	TER 140-OS	5.06
6-7/16	SAF 536	SAF 636	TER 148	TER 148-OS	5.25
6-15/16	SAF 538	SAF 638	TER 155	TER 155-OS	6.69
7-3/16	SAF 540	—	TER 159	TER 159-OS	7.06
7-15/16	SAF 544	—	TER 167	TER 167-OS	7.25

Pillow Block Housings

Optional Shaft Sizes for SAF 500 & 600 Series



SAF Series Pillow Blocks can accept different shaft sizes by changing Seals and Adapters.

Shown below are the other, less popular, but stock parts that accommodate other standard shaft sizes.

Part numbers listed below are Cast Iron. Ductile and Steel housings are stock for the SAF 500 Series and are available on request for the SAF 600 Series.

SAF 500 Series

Shaft Size	Housing Part No. *	Bearing Part No.	Adapter		Seal Part No.
			SNW Type Part No.	H Type Part No.	
11/16	SAF 505	2205K	SNW05 x 11/16	H305 x 11/16	LER 7
3/4		2205K	SNW05 x 3/4	H305 x 3/4	LER 6
15/16	SAF 506	2206K	SNW06 x 15/16	H306 x 15/16	LER 10
1		2206K	SNW06 x 1	H306 x 1	LER 11
1-3/16	SAF 507	22207K	SNW07 x 1-3/16	H307 x 1-3/16	LER 14
1-1/2	SAF 509	22209K	SNW09 x 1-1/2	H309 x 1-1/2	LER 18
1-3/4	SAF 510	22210K	SNW10 x 1-3/4	H310 x 1-3/4	LER 21
2	SAF 511	22211K	SNW11 x 2	H311 x 2	LER 25
2-1/4	SAF 513 FSAF 513	22213K	SNW13 x 2-1/4	H313 x 2-1/4	LER 30
2-1/2	SAF 515 FSAF 515	22215K	SNW15 x 2-1/2	H315 x 2-1/2	LER 38
2-3/4	SAF 516 FSAF 516	22216K	SNW16 x 2-3/4	H316 x 2-3/4	LER 45
3	SAF 517 FSAF 517	22217K	SNW17 x 3	H317 x 3	LER 54
3-1/4	SAF 518 FSAF 518	22218K	SNW18 x 3-1/4	H318 x 3-1/4	LER 70
3-1/2	SAF 520 FSAF 520	22220K	SNW20 x 3-1/2	H320 x 3-1/2	LER 103
4	SAF 522	22222K	SNW22 x 4	H322 x 4	LER 110
4-1/4	SAF 524	22224K	SNW24 x 4-1/4	H3124 x 4-1/4	LER 114
4-1/2	SAF 526	22226K	SNW26 x 4-1/2	H3126 x 4-1/2	LER 118
5	SAF 528	22228K	SNW28 x 5	H3128 x 5	LER 123
5-1/4	SAF 530	22230K	SNW30 x 5-1/4	H3130 x 5-1/4	LER 126
5-1/2	SAF 532	22232K	SNW32 x 5-1/2	H3132 x 5-1/2	LER 131
6	SAF 534	22234K	SNW34 x 6	H3134 x 6	LER 141
6-1/2	SAF 536	22236K	SNW36 x 6-1/2	H3136 x 6-1/2	LER 149
7	SAF 538	22238K	SNW38 x 7	H3138 x 7	LER 156
8	SAF 544	22244K	SNW44 x 8	H3144 x 8	LER 168

Note: * Ductile and Steel housings are also stock.

SAF 600 Series

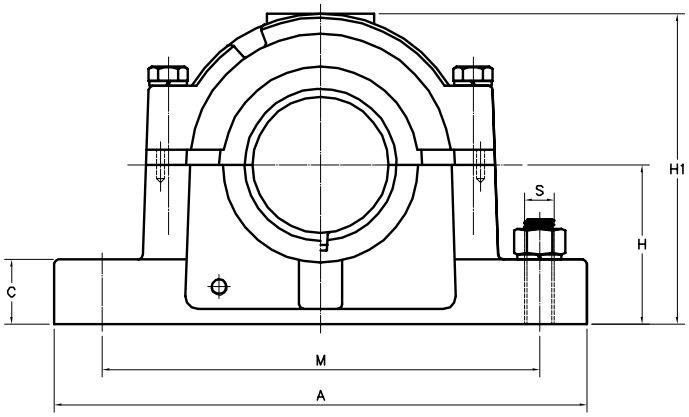
Shaft Size	Housing Part No.	Bearing Part No.	Adapter		Seal Part No.
			SNW Type Part No.	H Type Part No.	
1-1/2	SAF 609	22309K	SNW109 x 1-1/2	H2309 x 1-1/2	LER 18
1-3/4	SAF 610	22310K	SNW110 x 1-3/4	H2310 x 1-3/4	LER 21
2	SAF 611 FSAF 611	22311K	SNW111 x 2	H2311 x 2	LER 25
2-1/4	SAF 613 FSAF 613	22313K	SNW113 x 2-1/4	H2313 x 2-1/4	LER 33
2-1/2	SAF 615 FSAF 615	22315K	SNW115 x 2-1/2	H2315 x 2-1/2	LER 38
2-3/4	SAF 616 FSAF 616	22316K	SNW116 x 2-3/4	H2316 x 2-3/4	LER 45
3	SAF 617 FSAF 617	22317K	SNW117 x 3	H2317 x 3	LER 185
3-1/4	SAF 618	22318K	SNW118 x 3-1/4	H2318 x 3-1/4	LER 189
3-1/2	SAF 620	22320K	SNW120 x 3-1/2	H2320 x 3-1/2	LER 103
4	SAF 622	22322K	SNW122 x 4	H2322 x 4	LER 110
4-1/4	SAF 624	22324K	SNW124 x 4-1/4	H2324 x 4-1/4	LER 114
4-1/2	SAF 626	22326K	SNW126 x 4-1/2	H2326 x 4-1/2	LER 118
5	SAF 628	22328K	SNW128 x 5	H2328 x 5	LER 123
5-1/4	SAF 630	22330K	SNW130 x 5-1/4	H2330 x 5-1/4	LER 126
6	SAF 634	22334K	SNW134 x 6	H2334 x 6	LER 141
6-1/2	SAF 636	22336K	SNW136 x 6-1/2	H2336 x 6-1/2	LER 149
7	SAF 638	22338K	SNW138 x 7	H2338 x 7	LER 156

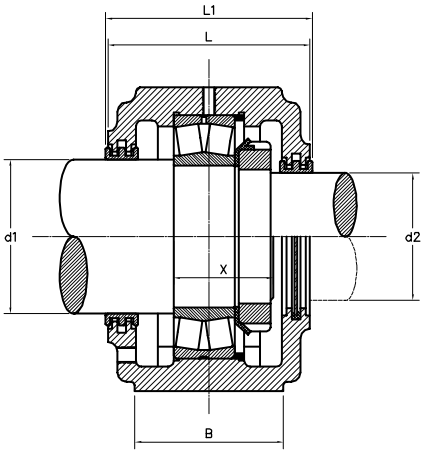
Pillow Block Housings

SAF 200 Series



These Pillow Block Housings accept self-aligning ball or spherical roller bearings with straight bore. They are available in cast iron (SAF), Ductile (SAFD) or cast steel (SAFS). SAF = 2-bolt base, FSAF = 4-bolt base, SAF 222 through SAF 244 only with 4-bolt base. SAF housings are supplied standard with triple labyrinth seals. End covers and Taconite seals available on request. Each housing includes a fixing ring for non-expansion. Removing the ring allows the bearing to float as the expansion bearing.





Dimensions in inches

Cast Part No. *	Shaft Size		A	B	C	E	H	H_1	L	L_1	M max	M min	S Bolt	X	Wt. lb
	d_1	d_2													
SAF 216	3-5/8	3	13.00	3.50	1.19	—	3.500	6.88	4.75	4.88	11.00	9.63	(2) 3/4	1.44	30
FSAF 216	3-5/8	3	13.00	3.50	1.19	2.13	3.500	6.88	4.75	4.88	11.00	9.63	(4) 5/8	1.44	30
SAF 217	3-15/16	3-3/16	13.00	3.50	1.25	—	3.750	7.31	4.81	5.00	11.00	9.88	(2) 3/4	1.53	32
FSAF 217	3-15/16	3-3/16	13.00	3.50	1.25	2.13	3.750	7.31	4.81	5.00	11.00	9.88	(4) 5/8	1.53	32
SAF 218	4-1/8	3-3/8	13.75	3.88	1.31	—	4.000	7.75	5.50	5.75	11.63	10.38	(4) 5/8	1.69	38
FSAF 218	4-1/8	3-3/8	13.75	3.88	1.31	2.13	4.000	7.75	5.50	5.75	11.63	10.38	(4) 5/8	1.69	38
SAF 220	4-1/2	3-13/16	15.25	4.38	1.75	—	4.500	8.75	5.81	6.00	13.13	11.63	(4) 3/4	2.00	60
FSAF 220	4-1/2	3-13/16	15.25	4.38	1.75	2.38	4.500	8.75	5.81	6.00	13.13	11.63	(4) 3/4	2.00	60
SAF 222	4-7/8	4-3/16	16.50	4.75	2.00	2.75	4.934	9.63	6.44	6.50	14.50	12.63	(4) 3/4	2.06	78
SAF 224	5-5/16	4-9/16	16.50	4.75	2.13	2.75	5.250	10.25	7.13	7.38	14.50	13.25	(4) 3/4	2.22	91
SAF 226	5-7/8	4-15/16	18.38	5.13	2.38	3.25	6.000	11.50	7.75	8.00	16.00	14.63	(4) 7/8	2.38	125
SAF 228	6-1/4	5-5/16	20.13	5.88	2.38	3.38	6.000	11.75	7.38	7.63	17.13	16.00	(4) 1	2.50	129
SAF 230	6-5/8	5-3/4	21.25	6.25	2.50	3.75	6.313	12.50	8.13	8.38	18.25	17.00	(4) 1	2.72	165
SAF 232	7	6-1/16	22.00	6.25	2.63	3.75	6.688	13.31	8.50	8.75	19.25	17.38	(4) 1	2.94	179
SAF 234	7-7/16	6-7/16	24.75	6.75	2.75	4.25	7.063	14.19	9.25	9.63	21.63	19.38	(4) 1	3.09	228
SAF 236	7-13/16	6-7/8	26.75	7.13	3.00	4.63	7.500	14.88	9.63	10.00	23.63	20.88	(4) 1	3.13	258
SAF 238	8-3/8	7-1/4	28.00	7.50	3.13	4.50	7.875	15.69	10.50	10.75	24.38	21.63	(4) 1-1/4	3.28	305
SAF 240	8-3/4	7-5/8	29.50	8.00	3.38	5.00	8.250	16.50	11.00	11.25	25.00	22.50	(4) 1-1/4	3.44	364
SAF 244	9-9/16	8-5/16	32.75	8.75	3.75	5.25	9.500	18.63	11.75	12.00	27.88	24.75	(4) 1-1/2	3.81	500

Note: * Ductile and Steel housings are available on request.

Pillow Block Housings

SAF 200 Series



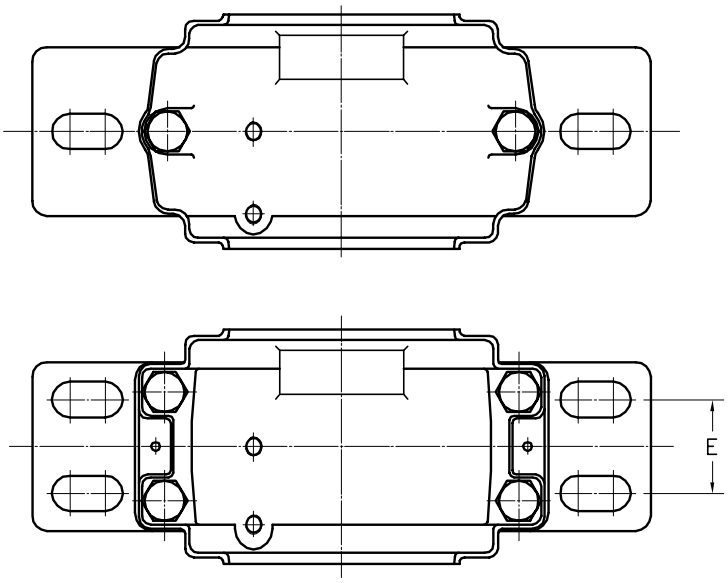
Fixing Ring



End Cover



LER Seal



Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Shaft Size		Locknut Part No.	Lockwasher Part No.	Seals - Part No.		Fixing Rings		End Cover Part No.
			d_1	d_2			d_1	d_2	Part No.	Qty.	
SAF 216 FSAF 216	1216	40	3-5/8	3	AN 16	W 16	LER 82	LER 54	FR140 x 8.5	2	EPR 09
	2216	51							FR140 x 10	1	
	22216	175							FR140 x 10	1	
SAF 217 FSAF 217	1217	49	3-15/16	3-3/16	AN 17	W 17	LER 89	LER 63	FR150 x 9	2	EPR 09
	2217	58.5							FR150 x 10	1	
	22217	210							FR150 x 10	1	
SAF 218 FSAF 218	1218	57	4-1/8	3-3/8	AN 18	W 18	LER 112	LER 191	FR160 x 10	2	EPR 11
	2218	71							FR160 x 10	1	
	22218	250							FR160 x 10	1	
SAF 220 FSAF 220	1220	69.5	4-1/2	3-13/16	AN 20	W 20	LER 118	LER 106	FR180 x 11	2	EPR 12
	2220	98							FR180 x 10	1	
	22220	310							FR180 x 10	1	
SAF 222	1222	88	4-7/8	4-3/16	AN 22	W 22	LER 121	LER 113	FR200 x 12.5	2	EPR 14
	2222	124							FR200 x 10	1	
	22222	405							FR200 x 10	1	
SAF 224	**22224**	465	5-5/16	4-9/16	AN 24	W 24	LER 127	LER 119	FR215 x 10	1	EPR 15
SAF 226	**22226**	545	5-7/8	4-15/16	AN 26	W 26	LER 136	LER 122	FR230 x 10	1	EPR 27
SAF 228	**22228**	605	6-1/4	5-5/16	AN 28	W 28	LER 144	LER 127	FR250 x 10	1	EPR 16
SAF 230	**22230**	730	6-5/8	5-3/4	AN 30	W 30	LER 151	LER 134	FR270 x 10	1	EPR 17
SAF 232	**22232**	860	7	6-1/16	AN 32	W 32	LER 156	LER 142	FR290 x 10	1	EPR 18
SAF 234	**22234**	975	7-7/16	6-7/16	AN 34	W 34	LER 161	LER 148	FR310 x 10	1	EPR 19
SAF 236	**22236**	1000	7-13/16	6-7/8	AN 36	W 36	LER 165	LER 154	FR320 x 10	1	EPR 20
SAF 238	**22238**	1100	8-3/8	7-1/4	AN 38	W 38	LER 171	LER 160	FR340 x 10	1	EPR 21
SAF 240	**22240**	1250	8-3/4	7-5/8	AN 40	W 40	LER 175	LER 164	FR360 x 10	1	EPR 22
SAF 244	**22244**	1500	9-9/16	8-5/16	N 44	W 44	LER 179	LER 170	FR400 x 10	1	EPR 24

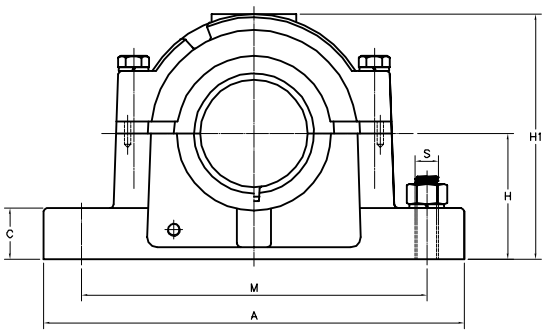
Note: Bearing part number in bold face is a double row straight bore spherical and the most popular. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. Example: 22220C3W33.

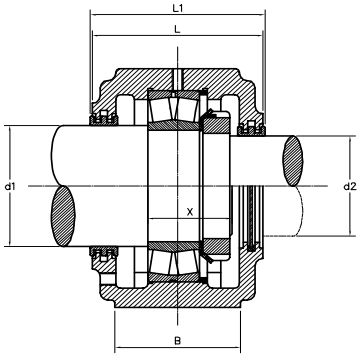
Pillow Block Housings

SAF 300 Series



These Pillow Block Housings accept self-aligning ball or spherical roller bearings with straight bores. They are available in cast iron (SAF) or cast steel (SAFS). SAF = 2-bolt base, FSAF = 4-bolt base, SAF 318 through SAF 338 only with 4-bolt base. SAF housings are supplied standard with triple labyrinth seals. FSAF 311 through FSAF 317 are made to order. Each housing includes a fixing ring for non-expansion. Removing the ring allows bearing expansion.







LER Seal



End Cover



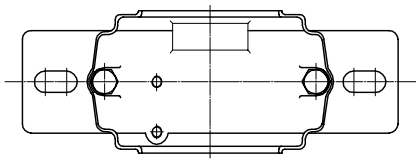
Fixing Ring

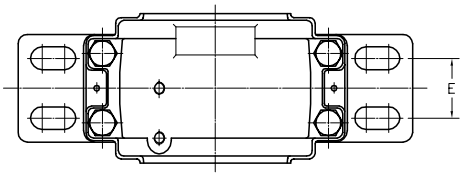
Dimensions in inches

Part No.	Shaft Size		A	B	C	E	H	H_1	L	L_1	M min	M max	S Bolt	X	Wt. lb
	d_1	d_2													
SAF 308	1-15/16	1-7/16	8.25	2.38	1.00	—	2.500	4.81	3.88	4.00	6.25	7.00	(2) 1/2	1.06	10
SAF 309	2-1/8	1-11/16	9.63	2.75	1.00	—	2.750	5.31	4.13	4.25	7.38	7.88	(2) 5/8	1.06	13
SAF 310	2-3/8	1-7/8	10.63	2.75	1.13	—	3.000	5.81	4.50	4.63	7.75	9.00	(2) 5/8	1.13	17
SAF 311	2-9/16	2-1/16	11.00	3.13	1.19	—	3.250	6.19	4.75	4.88	8.13	9.50	(2) 5/8	1.19	21
FSAF 311	2-9/16	2-1/16	11.00	3.13	1.19	2.00	3.250	6.19	4.75	4.88	8.13	9.50	(4) 1/2	1.19	21
SAF 312	2-7/8	2-1/4	11.25	3.13	1.19	—	3.250	6.38	5.13	5.25	8.63	9.38	(2) 5/8	1.19	25
FSAF 312	2-7/8	2-1/4	11.25	3.13	1.19	1.88	3.250	6.38	5.13	5.25	8.63	9.38	(4) 1/2	1.19	25
SAF 313	3-1/16	2-7/16	13.00	3.50	1.25	—	3.500	6.94	5.25	5.38	9.63	11.00	(2) 3/4	1.38	30
FSAF 313	3-1/16	2-7/16	13.00	3.50	1.25	2.13	3.500	6.94	5.25	5.38	9.63	11.00	(4) 5/8	1.38	30
SAF 314	3-1/4	2-5/8	13.00	3.50	1.25	—	3.750	7.38	5.25	5.38	9.88	11.00	(2) 3/4	1.38	32
FSAF 314	3-1/4	2-5/8	13.00	3.50	1.25	2.13	3.750	7.38	5.25	5.38	9.88	11.00	(4) 5/8	1.38	32
SAF 315	3-7/16	2-13/16	13.75	3.88	1.31	—	4.000	7.81	5.88	6.25	10.38	11.63	(2) 3/4	1.38	41
FSAF 315	3-7/16	2-13/16	13.75	3.88	1.31	2.13	4.000	7.81	5.88	6.25	10.38	11.63	(4) 5/8	1.38	41
SAF 316	3-5/8	3	14.25	3.88	1.31	—	4.250	8.25	6.13	6.50	10.63	12.63	(2) 3/4	1.38	49
FSAF 316	3-5/8	3	14.25	3.88	1.31	2.13	4.250	8.25	6.13	6.50	10.63	12.63	(4) 5/8	1.38	49
SAF 317	3-15/16	3-3/16	15.25	4.38	1.75	—	4.500	8.75	6.50	6.75	11.63	13.13	(2) 7/8	1.56	65
FSAF 317	3-15/16	3-3/16	15.25	4.38	1.75	2.38	4.500	8.75	6.50	6.75	11.63	13.13	(4) 3/4	1.56	65
SAF 318	4-1/8	3-3/8	15.50	4.38	2.00	2.25	4.750	9.19	6.63	6.88	12.00	13.50	(4) 3/4	2.16	75
SAF 320	4-1/2	3-13/16	16.50	4.75	2.13	2.75	5.000	10.25	7.13	7.38	13.25	14.50	(4) 3/4	2.44	91
SAF 322	4-7/8	4-3/16	18.38	5.13	2.38	3.25	6.000	11.50	7.75	8.00	14.63	16.00	(4) 7/8	2.59	120
SAF 324	5-5/16	4-9/16	21.25	6.25	2.50	3.75	6.313	12.50	8.13	8.38	17.00	18.25	(4) 1	2.75	166
SAF 326	5-7/8	4-15/16	22.00	6.25	2.63	3.75	6.688	13.31	8.50	8.75	17.38	19.25	(4) 1	2.94	184
SAF 328	6-1/4	5-5/16	24.75	6.75	2.75	4.25	7.063	14.19	9.25	9.38	19.38	21.63	(4) 1	3.16	243
SAF 330	6-5/8	5-3/4	26.75	7.13	3.00	4.63	7.500	14.88	9.63	9.75	20.88	23.63	(4) 1	3.41	259
SAF 332	7	6-1/16	28.00	7.50	3.13	4.50	7.875	15.69	10.50	10.63	21.63	24.38	(4) 1-1/4	3.59	299
SAF 334	7-7/16	6-7/16	29.50	8.00	3.38	5.00	8.250	16.50	11.00	11.25	22.50	25.00	(4) 1-1/4	3.75	355
SAF 336	7-13/16	6-7/8	31.25	8.25	3.50	5.25	8.875	17.75	11.25	11.38	24.00	26.63	(4) 1-1/4	3.90	360
SAF 338	8-3/8	7-1/4	32.75	8.75	3.75	5.25	9.500	18.63	11.75	12.00	24.75	27.88	(4) 1-1/2	4.06	477
SAF 340	8-3/4	7-5/8	34.25	9.00	4.00	5.50	9.875	20.0	11.87	12.06	26.25	29.50	(4) 1-1/2	4.25	480

Pillow Block Housings

SAF 300 Series





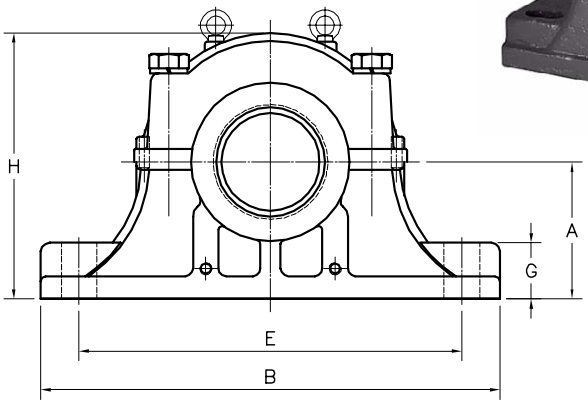
Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Shaft Size		Locknut Part No.	Lock-washer Part No.	Seals		Fixing Rings		End Cover Part No.
			d1	d2			d1	d2	Part No.	Qty.	
SAF 308	1308 2308 21308 **22308**	29 45 82 112	1-15/16	1-7/16	N08	W08	LER 24	LER 17	FR90 x 10 FR90 x 10 FR90 x 10 FR90 x 10	2 1 2 1	EPR03
SAF 309	1309 2309 21309 **22309**	38 54 100 135	2-1/8	1-11/16	N09	W09	LER 28	LER 20	FR100 x 10.5 FR100 x 10 FR100 x 10.5 FR100 x 10	2 1 2 1	EPR04
SAF 310	1310 2310 21310 **22310**	41.5 64 120 175	2-3/8	1-7/8	N10	W10	LER 35	LER 23	FR110 x 11.5 FR110 x 10 FR110 x 11.5 FR110 x 10	2 1 2 1	EPR05
SAF 311 FSAF 311	1311 2311 21311 **22311**	51 75 138 195	2-9/16	2-1/16	N11	W11	LER 40	LER 27	FR120 x 12 FR120 x 10 FR120 x 12 FR120 x 10	2 1 2 1	EPR06
SAF 313 FSAF 313	1313 2313 21313 **22313**	62 95 184 250	3-1/16	2-7/16	N13	W13	LER 55	LER 37	FR140 x 12.5 FR140 x 10 FR140 x 12.5 FR140 x 10	2 1 2 1	EPR07
SAF 314 FSAF 314	1314 2314 21314 **22314**	75 110 207 310	3-1/4	2-5/8	N14	W14	LER 64	LER 43	FR150 x 12.5 FR150 x 10 FR150 x 12.5 FR150 x 10	2 1 2 1	—
SAF 315 FSAF 315	1315 2315 21315 **22315**	80 122 234 340	3-7/16	2-13/16	AN15	W15	LER 79	LER 46	FR160 x 14 FR160 x 10 FR160 x 14 FR160 x 10	2 1 2 1	EPR08
SAF 316 FSAF 316	1316 2316 21316 **22316**	88 137 255 370	3-5/8	3	AN16	W16	LER 84	LER 60	FR170 x 14.5 FR170 x 10 FR170 x 14.5 FR170 x 10	2 1 2 1	EPR10
SAF 317 FSAF 317	1317 2317 21317 **22317**	98 140 290 420	3-15/16	3-3/16	AN17	W17	LER 109	LER 188	FR180 x 14.5 FR180 x 10 FR180 x 14.5 FR180 x 10	2 1 2 1	EPR11
SAF 318 FSAF 318	1318 2318 21318 **22318**	108 153 320 475	4-1/8	3-3/8	AN18	W18	LER 112	LER 191	FR190 x 15.5 FR190 x 10 FR190 x 15.5 FR190 x 10	2 1 2 1	EPR11
SAF 320	1320 2320 21320 **22320**	143 190 380 600	4-1/2	3-13/16	AN20	W20	LER 118	LER 106	FR215 x 18 FR215 x 10 FR215 x 18 FR215 x 10	2 1 2 1	EPR12
SAF 322	1322 21322 **22322**	160 460 720	4-7/8	4-3/16	AN22	W22	LER121	LER 113	FR240 x 20 FR240 x 20 FR240 x 10	2 2 1	EPR14
SAF 324	**22324**	840	5-5/16	4-9/16	AN24	W24	LER 127	LER 119	FR260 x 10	1	EPR15
SAF 326	**22326**	970	5-7/8	4-15/16	AN26	W26	LER 136	LER 122	FR280 x 10	1	EPR27
SAF 328	**22328**	1120	6-1/4	5-5/16	AN28	W28	LER 144	LER 127	FR300 x 10	1	EPR16
SAF 330	**22330**	1250	6-5/8	5-3/4	AN30	W30	LER 151	LER 134	FR320 x 10	1	EPR17
SAF 332	**22332**	1375	7	6-1/16	AN32	W32	LER 156	LER 142	FR340 x 10	1	EPR18
SAF 334	**22334**	1540	7-7/16	6-7/16	AN34	W34	LER 161	LER 148	FR360 x 10	1	EPR19
SAF 336	**22336**	1725	7-13/16	6-7/8	AN36	W36	LER 165	LER 154	FR380 x 10	1	EPR 20
SAF 338	**22338**	1860	8-3/8	7-1/4	AN38	W38	LER 171	LER 160	FR400 x 10	1	EPR21
SAF 340	**22340**	2010	8-3/4	7-5/8	AN40	W40	LER 175	LER 164	FR420 x 10	1	EPR 22

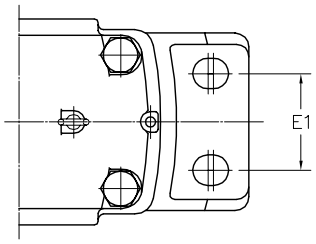
Note: Bearing part number in bold face is a double row straight bore spherical and the most popular. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. Example: 22320C3W33.

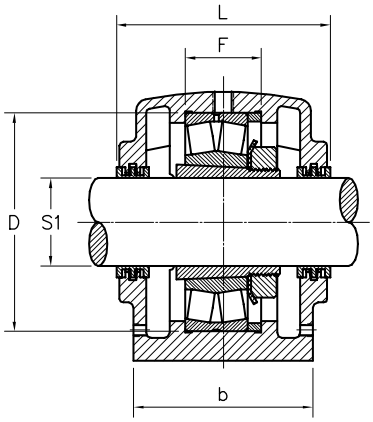
Pillow Block Housings

SDAF 500 Series









SDAF 500 - Housing Dimensions

Dimensions in inches

Housing No.	A	B	b	D	E		E1	F	G	H	L	Bolts (No. Req'd)	Wt. lb
				mm	Max	Min		mm					
SDAF 520	4.500	15.25	6.00	180	13.12	11.63	3.38	55.8	1.88	8.94	6.75	(4) 3/4	65
SDAF 522	4.937	16.50	6.75	200	14.50	12.63	4.00	62.8	2.12	9.88	7.25	(4) 7/8	96
SDAF 524	5.250	16.50	6.88	215	14.50	13.25	4.12	67.8	2.50	10.50	7.38	(4) 7/8	107
SDAF 526	6.000	18.38	7.50	230	16.00	14.63	4.50	73.8	2.38	11.88	8.00	(4) 1	147
SDAF 528	6.000	20.12	7.50	250	17.12	16.00	4.50	77.8	2.38	12.06	7.94	(4) 1-1/8	131
SDAF 530	6.312	21.25	7.88	270	18.25	17.00	4.75	82.8	2.50	12.81	8.38	(4) 1-1/8	157
SDAF 532	6.687	22.00	8.25	290	19.25	17.38	5.00	89.8	2.50	13.69	8.75	(4) 1/8	187
SDAF 534	7.062	24.75	9.00	310	21.63	19.38	5.50	95.8	2.50	14.25	9.63	(4) 1/4	212
SDAF 536	7.500	26.75	9.38	320	23.63	20.88	5.88	95.8	2.75	15.50	10.00	(4) 1/4	292
SDAF 538	7.875	27.63	10.00	340	23.50	21.50	6.25	101.8	3.00	16.25	10.63	(4) 1-3/8	338
SDAF 540	8.250	28.75	10.50	360	25.00	23.00	6.75	107.8	3.25	17.12	11.12	(4) 1-3/8	344
SDAF 544	9.500	32.00	11.25	400	27.88	25.63	7.25	117.8	3.50	19.25	11.88	(4) 1-1/2	513

SDAF 225 - Pillow Block Part Number

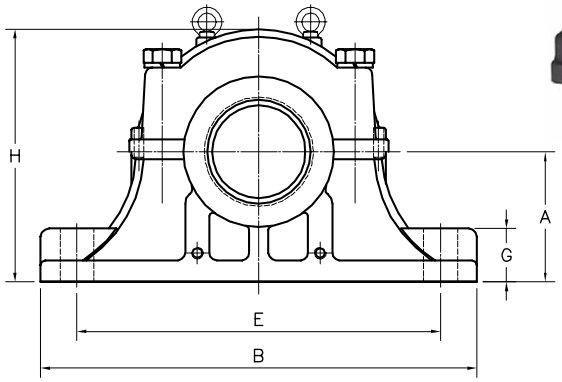
Shaft Diameter S-1 in	Complete Pillow Block Part No.	Pillow Block Housing Only Part No.	Bearing Part No. *	Basic Dynamic Load Rating C kN	Adapter Locknut and Lockwasher Part No.	Labyrinth Seal (2 required) Part No.	Fixing Ring (1 required) Part No.	End Cover (optional) Part No.
3-7/16	SDAF 22520	SDAF 520	22220 K	310	SNW 20 x 3-7/16	LER 75	FR180 x 10	EPR 11
3-15/16	SDAF 22522	SDAF 522	22222 K	405	SNW 22 x 3-15/16	LER 93	FR200 x 10	EPR 13
4-3/16	SDAF 22524	SDAF 524	22224 K	465	SNW 24 x 4-3/16	LER 113	FR215 x 10	EPR 14
4-7/16	SDAF 22526	SDAF 526	22226 K	545	SNW 26 x 4-7/16	LER 117	FR230 x 10	EPR 15
4-15/16	SDAF 22528	SDAF 528	22228 K	605	SNW 28 x 4-15/16	LER 122	FR250 x 10	EPR 27
5-3/16	SDAF 22530	SDAF 530	22230 K	730	SNW 30 x 5-3/16	LER 125	FR270 x 10	EPR 16
5-7/16	SDAF 22532	SDAF 532	22232 K	860	SNW 32 x 5-7/16	LER 130	FR290 x 10	EPR 16
5-15/16	SDAF 22534	SDAF 534	22234 K	975	SNW 34 x 5-15/16	LER 140	FR310 x 10	EPR 18
6-7/16	SDAF 22536	SDAF 536	22236 K	1000	SNW 36 x 6-7/16	LER 148	FR310 x 10	EPR 19
6-15/16	SDAF 22538	SDAF 538	22238 K	1100	SNW 38 x 6-15/16	LER 224	FR340 x 10	EPR 21
7-3/16	SDAF 22540	SDAF 540	22240 K	1250	SNW 40 x 7-3/16	LER 228	FR360 x 10	EPR 22
7-15/16	SDAF 22544	SDAF 544	22244 K	1500	SNW 44 x 7-15/16	LER 236	FR400 x 10	EPR 24

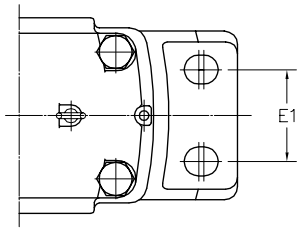
Note: * Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates a taper bore bearing. For example specify 22220 K C3W33. Other clearances available upon request. Seals and Fixing Ring included with Pillow Block Housing. Taconite seals also available.

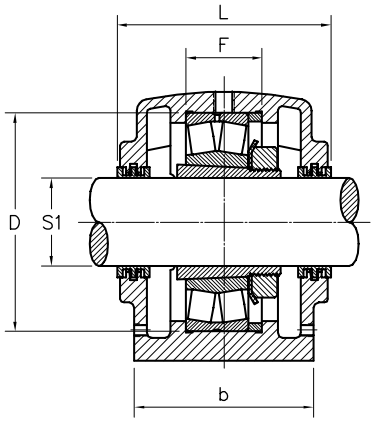
Pillow Block Housings

SDAF 600 Series









SDAF 600 - Housing Dimensions

Dimensions in inches

Housing No.	A	B	b	D	E		E1	F	G	H	L	Bolts (No. Req'd)	Wt. lb
				mm	Min in	Max in		mm					
SDAF 616	4.250	14.25	5.50	170	10.63	12.63	3.25	67.8	1.75	8.25	6.38	(4) 5/8	49
SDAF 617	4.500	15.25	6.00	180	11.63	12.13	3.38	69.8	1.88	8.94	6.75	(4) 3/4	67
SDAF 618	4.750	15.50	6.12	190	12.00	13.50	3.63	73.8	2.00	9.44	6.88	(4) 3/4	72
SDAF 620	5.250	16.50	6.88	215	13.25	14.50	4.12	82.8	2.25	10.50	7.38	(4) 7/8	110
SDAF 622	6.000	18.38	7.50	240	14.63	16.00	4.50	89.8	2.38	11.88	8.00	(4) 1	147
SDAF 624	6.312	21.25	7.88	260	17.00	18.25	4.75	95.8	2.50	12.81	8.38	(4) 1-1/8	172
SDAF 626	6.687	22.00	8.25	280	17.38	19.25	5.00	102.8	2.50	13.69	8.75	(4) 1-1/8	194
SDAF 628	7.062	24.75	9.00	300	19.38	21.63	5.50	111.8	2.50	14.25	9.38	(4) 1-1/4	228
SDAF 630	7.500	26.75	9.38	320	20.88	23.63	5.88	117.8	2.75	15.19	9.75	(4) 1-1/4	300
SDAF 632	7.875	27.63	10.00	340	21.50	23.50	6.25	123.8	3.00	16.25	10.63	(4) 1-3/8	355
SDAF 634	8.250	28.75	10.50	360	23.00	25.00	6.75	129.8	3.25	17.12	11.12	(4) 1-3/8	392
SDAF 636	8.875	30.50	10.75	380	24.12	26.63	6.88	135.8	3.25	17.94	11.38	(4) 1-1/2	405
SDAF 638	9.500	32.00	11.25	400	25.63	27.88	7.25	141.8	3.50	19.25	11.88	(4) 1-1/2	484
SDAF 640	9.875	33.50	11.75	420	26.63	29.25	7.63	147.8	3.50	19.94	12.38	(4) 1-5/8	564

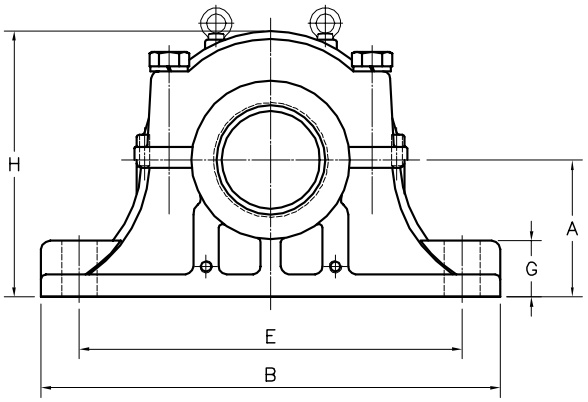
SDAF 226 - Pillow Block Part Number

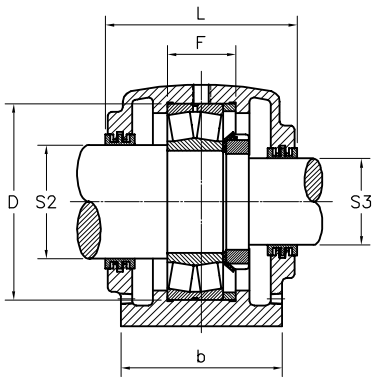
Shaft Diameter S-1 in	Complete Pillow Block Part No.	Pillow Block Housing Only Part No.	Bearing Part No. *	Basic Dynamic Load Rating C kN	Adapter Locknut and Lockwasher Part No.	Labyrinth Seal (2 required) Part No.	Fixing Ring (1 required) Part No.	End Cover (optional) Part No.
2-11/16	SDAF 22616	SDAF 616	22316 K	370	SNW 116 x 2-11/16	LER 44	FR170 x 10	EPR 8
2-15/16	SDAF 22617	SDAF 617	22317 K	420	SNW 117 x 2-15/16	LER 59	FR180 x 10	EPR 10
3-3/16	SDAF 22618	SDAF 618	22318 K	475	SNW 118 x 3-3/16	LER 69	FR190 x 10	EPR 11
3-7/16	SDAF 22620	SDAF 620	22320 K	600	SNW 120 x 3-7/16	LER 75	FR215 x 10	EPR 11
3-15/16	SDAF 22622	SDAF 622	22322 K	720	SNW 122 x 3-15/16	LER 93	FR240 x 10	EPR 13
4-3/16	SDAF 22624	SDAF 624	22324 K	840	SNW 124 x 4-3/16	LER 113	FR260 x 10	EPR 14
4-7/16	SDAF 22626	SDAF 626	22326 K	970	SNW 126 x 4-7/16	LER 117	FR280 x 10	EPR 15
4-15/16	SDAF 22628	SDAF 628	22328 K	1120	SNW 128 x 4-15/16	LER 122	FR300 x 10	EPR 27
5-3/16	SDAF 22630	SDAF 630	22330 K	1250	SNW 130 x 5-3/16	LER 125	FR310 x 10	EPR 16
5-7/16	SDAF 22632	SDAF 632	22332 K	1375	SNW 132 x 5-7/16	LER 211	FR340 x 10	EPR 17
5-15/16	SDAF 22634	SDAF 634	22334 K	1540	SNW 134 x 5-15/16	LER 215	FR360 x 10	EPR 19
6-7/16	SDAF 22636	SDAF 636	22336 K	1725	SNW 136 x 6-7/16	LER 220	FR380 x 10	EPR 26
6-15/16	SDAF 22638	SDAF 638	22338 K	1860	SNW 138 x 6-15/16	LER 224	FR400 x 10	EPR 21
7-3/16	SDAF 22640	SDAF 640	22340 K	2010	SNW 140 x 7-3/16	LER 228	FR420 x 10	EPR 22

Note: * Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates a taper bore bearing. For example specify 22322 K C3W33. Other clearances available upon request. Seals and Fixing Ring included with Pillow Block Housing. Taconite Seals also available.

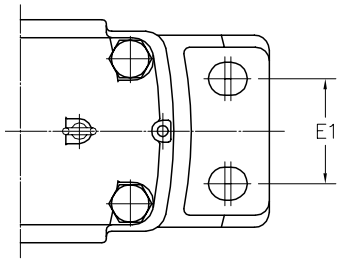
Pillow Block Housings

SDAF 200 Series









SDAF 200 - Housing Dimensions

Dimensions in inches

Housing No.	A	B	b	D	E		E1	F	G	H	L	Bolts	Wt. lb
				mm	Min	Max		mm				(No. Req'd)	
SDAF 220	4.500	15.25	6.00	180	11.63	13.12	3.38	55.8	1.88	8.94	6.75	(4) 3/4	69
SDAF 222	4.937	16.50	6.75	200	12.63	14.50	4.00	62.8	2.12	9.88	7.25	(4) 1-7/8	100
SDAF 224	5.250	16.50	6.88	215	13.25	14.50	4.12	67.8	2.25	10.50	7.38	(4) 7/8	106
SDAF 226	6.000	18.38	7.50	230	14.63	16.00	4.50	73.8	2.38	11.88	8.00	(4) 1	147
SDAF 228	6.000	20.12	7.50	250	16.00	17.12	4.50	77.8	2.38	12.06	7.94	(4) 1	141
SDAF 230	6.312	21.25	7.88	270	17.00	18.25	4.75	82.8	2.50	12.81	8.38	(4) 1-1/8	157
SDAF 232	6.687	22.00	8.25	290	17.38	19.25	5.00	89.8	2.50	13.69	8.75	(4) 1-1/8	188
SDAF 234	7.062	24.75	9.00	310	19.38	21.63	5.50	95.8	2.50	14.25	9.63	(4) 1-1/4	212
SDAF 236	7.500	26.75	9.38	320	20.88	23.63	5.88	95.8	2.75	15.19	10.00	(4) 1-1/4	276
SDAF 238	7.875	27.63	10.00	340	21.50	23.50	6.25	101.8	3.00	16.25	10.63	(4) 1-3/8	338
SDAF 240	8.250	28.75	10.50	360	23.00	25.00	5.75	107.8	3.25	17.12	11.12	(4) 1-3/8	344
SDAF 244	9.500	32.00	11.25	400	25.63	27.88	7.25	117.8	3.50	19.25	11.88	(4) 1-1/2	520

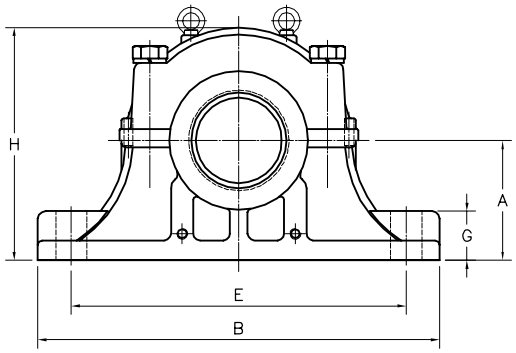
SDAF 222 - Pillow Block Part Number

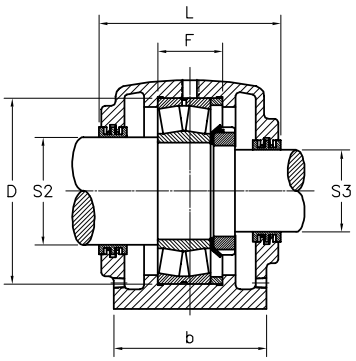
Shaft Dia.		Complete Pillow Block	Pillow Block Housing Only	Bearing Part No.	Basic Dynamic Load Rating	Locknut Part No.	Lockwasher Part No.	Labyrinth Seal Ring Part No.		Fixing Ring (1 Required)	End Cover (optional)
S-2 in	S-3 in	Part No.	Part No.	*	C kN			S-2 in	S-3 in	Part No.	Part No.
4-1/2	3-13/16	SDAF 22220	SDAF 220	22220	310	AN 20	W 20	LER 205	LER 87	FR180 x 10	EPR 12
4-7/8	4-3/16	SDAF 22222	SDAF 222	22222	405	AN 22	W 22	LER 121	LER 113	FR200 x 10	EPR 14
5-5/16	4-9/16	SDAF 22224	SDAF 224	22224	465	AN 24	W 24	LER 127	LER 119	FR215 x 10	EPR 15
5-7/8	4-15/16	SDAF 22226	SDAF 226	22226	545	AN 26	W 26	LER 136	LER 122	FR230 x 10	EPR 27
6-1/4	5-5/16	SDAF 22228	SDAF 228	22228	605	AN 28	W 28	LER 144	LER 127	FR250 x 10	EPR 16
6-5/8	5-3/4	SDAF 22230	SDAF 230	22230	730	AN 30	W 30	LER 151	LER 134	FR270 x 10	EPR 17
7	6-1/16	SDAF 22232	SDAF 232	22232	860	AN 32	W 32	LER 156	LER 142	FR290 x 10	EPR 18
7-7/16	6-7/16	SDAF 22234	SDAF 234	22234	975	AN 34	W 34	LER 161	LER 148	FR310 x 10	EPR 19
7-13/16	6-7/8	SDAF 22236	SDAF 236	22236	1000	AN 36	W 36	LER 165	LER 154	FR310 x 10	EPR 20
8-3/8	7-1/4	SDAF 22238	SDAF 238	22238	1100	AN 38	W 38	LER 240	LER 229	FR340 x 10	EPR 22
8-3/4	7-5/8	SDAF 22240	SDAF 240	22240	1250	AN 40	W 40	LER 244	LER 233	FR360 x 10	EPR 23
9-9/16	8-5/16	SDAF 22244	SDAF 244	22244	1500	AN 44	W 44	LER 248	LER 239	FR400 x 10	EPR 25

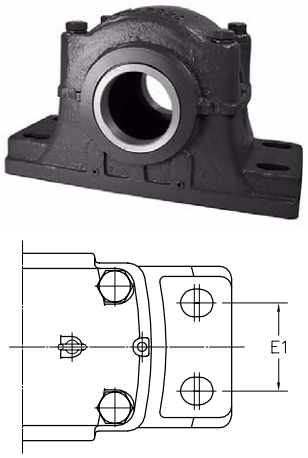
Note: * Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 22220 C3W33. Other bearing clearance available upon request. Seals and Fixing Ring included with Pillow Block Housing.

Pillow Block Housings

SDAF 300 Series







SDAF 300 K - Housing Dimensions

Dimensions in inches

Housing No.	A	B	b	D	E		E1	F	G	H	L	Bolts (No. Req'd)	Wt. lb
				mm	Min	Max		mm					
SDAF 316	4.250	14.25	5.50	170	10.63	12.63	3.25	67.8	1.75	8.25	6.38	(4) 5/8	53
SDAF 317	4.500	15.25	6.00	180	11.63	13.12	3.38	69.8	1.88	8.94	6.75	(4) 3/4	67
SDAF 318	4.750	15.50	6.12	190	12.00	13.50	3.63	73.8	2.00	9.44	6.88	(4) 3/4	72
SDAF 320	5.250	16.50	6.88	215	13.25	14.50	4.12	82.8	2.25	10.50	7.38	(4) 7/8	106
SDAF 322	6.000	18.38	7.50	240	14.63	16.00	4.50	89.8	2.38	11.88	8.00	(4) 1	149
SDAF 324	6.312	21.25	7.88	260	17.00	18.25	4.75	95.8	2.50	12.81	8.38	(4) 1-1/8	172
SDAF 326	6.687	22.00	8.25	280	17.38	19.25	5.00	102.8	2.50	13.69	8.75	(4) 1-1/8	195
SDAF 328	7.437	24.75	9.00	300	19.38	21.63	5.50	111.8	2.50	14.25	9.38	(4) 1-1/4	228
SDAF 330	7.500	26.75	9.38	320	20.88	23.63	5.88	117.8	2.75	15.19	9.75	(4) 1-1/4	302
SDAF 332	7.875	27.63	10.00	340	21.50	23.50	6.25	123.8	3.00	16.25	10.63	(4) 1-3/8	355
SDAF 334	8.250	28.75	10.50	360	23.00	25.00	6.75	129.8	3.25	17.12	11.12	(4) 1-3/8	380
SDAF 336	8.875	30.50	10.75	380	24.12	26.38	6.88	135.8	3.25	17.94	11.38	(4) 1-1/2	405
SDAF 338	9.500	32.00	11.25	400	25.63	27.88	7.25	141.8	3.50	19.25	11.88	(4) 1-1/2	522
SDAF 340	9.875	33.50	11.75	420	26.63	29.25	7.63	147.8	3.50	19.94	12.38	(4)1-5/8	564

SDAF 223 - Pillow Block Part Number

Shaft Dia.		Complete Pillow Block.	Pillow Block Housing Only	Bearing Part No.	Basic Dynamic Load Rating	Locknut Part No.	Lockwasher Part No.	Labyrinth Seal Part No.		Fixing Ring (1 Req'd)	End Cover (optional)
S-2 in	S-3 in	Part No.	Part No.	*	C kN			S-2 in	S-3 in	Part No.	Part No.
3-5/8	3	SDAF 22316	SDAF 316	22316	370	AN 16	W 16	LER 84	LER 60	FR170 x 10	EPR 10
3-15/16	3-3/16	SDAF 22317	SDAF 317	22317	420	AN 17	W 17	LER 93	LER 69	FR180 x 10	EPR 11
4-1/8	3-3/8	SDAF 22318	SDAF 318	22318	475	AN 18	W 18	LER 96	LER 72	FR190 x 10	EPR 11
4-1/2	3-13/16	SDAF 22320	SDAF 320	22320	600	AN 20	W 20	LER 205	LER 87	FR215 x 10	EPR 12
4-7/8	4-3/16	SDAF 22322	SDAF 322	22322	720	AN 22	W 22	LER 121	LER 113	FR240 x 10	EPR 14
5-5/16	4-9/16	SDAF 22324	SDAF 324	22324	840	AN 24	W 24	LER 127	LER 119	FR260 x 10	EPR 15
5-7/8	4-15/16	SDAF 22326	SDAF 326	22326	970	AN 26	W 26	LER 136	LER 122	FR280 x 10	EPR 27
6-1/4	5-5/16	SDAF 22328	SDAF 328	22328	1120	AN 28	W 28	LER 144	LER 127	FR300 x 10	EPR 16
6-5/8	5-3/4	SDAF 22330	SDAF 330	22330	1250	AN 30	W 30	LER 151	LER 134	FR310 x 10	EPR 17
7	6-1/16	SDAF 22332	SDAF 332	22332	1375	AN 32	W 32	LER 225	LER 217	FR340 x 10	EPR 19
7-7/16	6-7/16	SDAF 22334	SDAF 334	22334	1540	AN 34	W 34	LER 230	LER 220	FR360 x 10	EPR 26
7-13/16	6-7/8	SDAF 22336	SDAF 336	22336	1725	AN 36	W 36	LER 234	LER 223	FR380 x 10	EPR 21
8-3/8	7-1/4	SDAF 22338	SDAF 338	22338	1860	AN 38	W 38	LER 240	LER 229	FR400 x 10	EPR 22
8-3/4	7-5/8	SDAF 22340	SDAF 340	22340	2010	AN 40	W 40	LER 244	LER 233	FR420 x 10	EPR 23

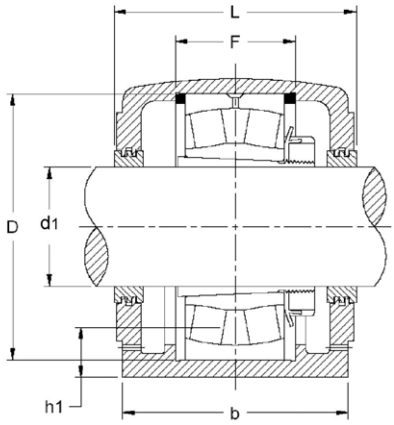
Note: * Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 22316 C3W33. Other bearing clearance available upon request.
Seals and Fixing Ring included with Pillow Block Housing.

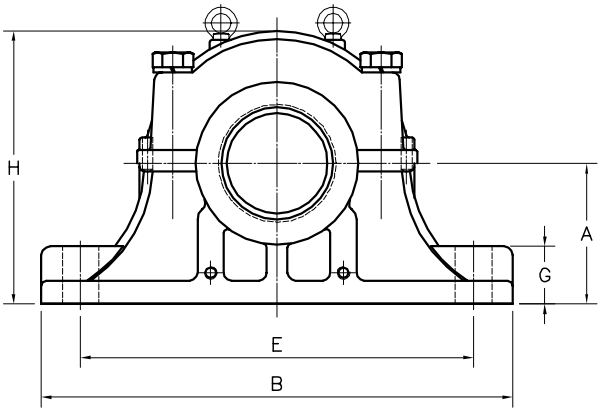
Pillow Block Housings

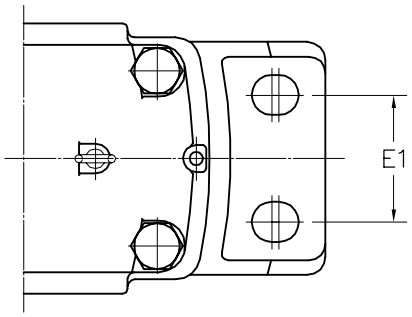
SAF 000 Series (Cast Iron)
SAFS 000 Series (Steel)



SAF 000 Series Split Blocks are heavy duty units and available in Cast Iron and Steel. Ductile units available on request. These housings utilize the 230 Series Spherical Roller Bearing and can be fitted with Taconite Seals for harsh environments. Other housing modifications for RTD or Vibration Sensors are available on request.







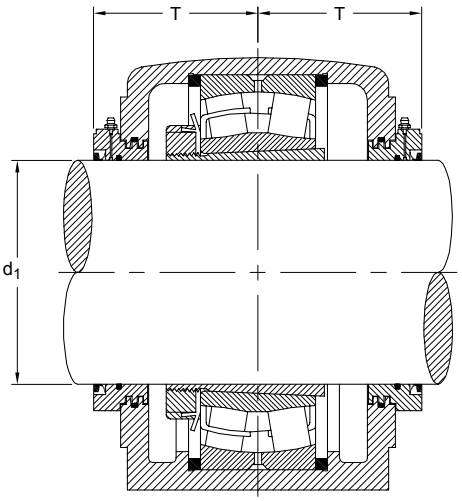
SAF & SAFS 000 K - Housing Dimensions

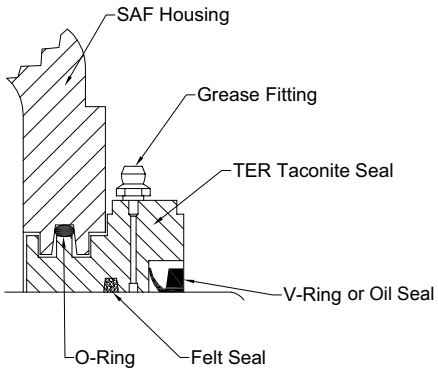
Dimensions in inches

Cast Iron Housing No.	Steel Housing No.	A	B	b	D	E		E1	F	G	H	Static oil level h_1	L	T	Base Bolts (No. Req'd)	Wt. lb (Cast)
					mm	Max	Min		mm							
SAF024 K x 4-3/16	SAFS024 K x 4-3/16	4.500	15.25	4.38	180	13.12	11.63	2.38	65.6	1.75	8.75	1.6	6.00	4.50	(4) 3/4	48
SAF026 K x 4-7/16	SAFS026 K x 4-7/16	4.937	16.50	4.75	200	14.50	12.63	2.75	71.6	2.00	9.63	1.7	6.50	4.62	(4) 3/4	56
SAF028 K x 4-15/16	SAFS028 K x 4-15/16	5.250	16.50	4.75	210	14.50	13.25	2.75	72.6	2.12	10.25	1.8	7.38	5.06	(4) 3/4	69
SAF030 K x 5-3/16	SAFS030 K x 5-3/16	6.000	18.38	5.12	225	16.00	14.63	3.25	75.6	2.38	11.56	2.2	8.00	5.40	(4) 7/8	107
SAF032 K x 5-7/16	SAFS032 K x 5-7/16	6.000	18.38	5.12	240	16.00	14.63	3.25	79.6	2.38	11.56	2.1	8.00	5.47	(4) 7/8	125
SAF034 K x 5-15/16	SAFS034 K x 5-15/16	6.000	20.12	5.88	260	17.12	16.00	3.38	86.6	2.38	11.75	1.7	7.63	5.16	(4) 1	120
SAF036 K x 6-7/16	SAFS036 K x 6-7/16	6.687	22.00	6.25	280	19.25	17.38	3.75	93.6	2.63	13.50	—	8.75	—	(4) 1	172
SAF038 K x 6-15/16	SAFS038 K x 6-15/16	6.687	22.00	6.25	290	19.25	17.38	3.75	94.6	2.63	13.50	2.1	8.75	5.72	(4) 1	167
SAF040 K x 7-3/16	SAFS040 K x 7-3/16	7.062	24.75	6.75	310	21.63	19.38	4.25	101.6	2.75	14.38	2.0	9.63	5.72	(4) 1	193
SAF044 K x 7-15/16	SAFS044 K x 7-15/16	7.875	28.00	7.50	340	24.38	21.63	4.50	109.6	3.12	15.88	2.3	10.63	6.30	(4) 1-1/4	304
SAF048 K x 8-7/16	SAFS048 K x 8-7/16	8.250	29.50	8.00	360	25.00	22.50	5.00	111.6	3.38	16.50	2.3	11.25	6.72	(4) 1-1/4	270
SAF048 K x 8-1/2	SAFS048 K x 8-1/2	8.250	29.50	8.00	360	25.00	22.50	5.00	111.6	3.38	16.50	2.3	11.25	6.72	(4) 1-1/4	270
SAF048 K x 8-15/16	SAFS048 K x 8-15/16	8.250	29.50	8.00	360	25.00	22.50	5.00	111.6	3.38	16.50	2.3	11.25	6.72	(4) 1-1/4	270
SAF048 K x 9	SAFS048 K x 9	8.250	29.50	8.00	360	25.00	22.50	5.00	111.6	3.38	16.50	2.3	11.25	6.72	(4) 1-1/4	270
SAF052 K x 9-7/16	SAFS052 K x 9-7/16	9.500	32.75	8.75	400	27.88	24.75	5.25	123.6	3.75	18.63	3.0	12.00	8.07	(4) 1-1/2	450
SAF052 K x 9-1/2	SAFS052 K x 9-1/2	9.500	32.75	8.75	400	27.88	24.75	5.25	123.6	3.75	18.63	3.0	12.00	8.07	(4) 1-1/2	450
SAF056 K x 9-15/16	SAFS056 K x 9-15/16	9.875	34.75	9.00	420	29.50	26.25	5.50	125.6	4.00	20.19	3.0	12.25	7.32	(4) 1-1/2	507
SAF056 K x 10	SAFS056 K x 10	9.875	34.75	9.00	420	29.50	26.25	5.50	125.6	4.00	20.19	3.0	12.25	7.32	(4) 1-1/2	507
SAF056 K x 10-7/16	SAFS056 K x 10-7/16	9.875	34.75	9.00	420	29.50	26.25	5.50	125.6	4.00	20.19	3.0	12.25	7.32	(4) 1-1/2	507
SAF056 K x 10-1/2	SAFS056 K x 10-1/2	9.875	34.75	9.00	420	29.50	26.25	5.50	125.6	4.00	20.19	3.0	12.25	7.32	(4) 1-1/2	507

Pillow Block Housing Accessories

SAF & SAFS 000 Series







LER & ER Seal



Fixing Ring



TER Seal (optional)



PER Seal and PTV Lip Seal (optional)

- The SAF 000 Housing includes LER or ER Seals and fixing rings.
- For a complete assembly order a Spherical Bearing and Adapter.
- The adapter includes a locknut and lockwasher or locking clip.
- Adapters above 8” are recommended with a Hydraulic removal feature.
- Hydraulic mounting nuts are also available as an installation tool. See HMV Nuts.

SAF & SAFS 230K - Pillow Block Part Numbers

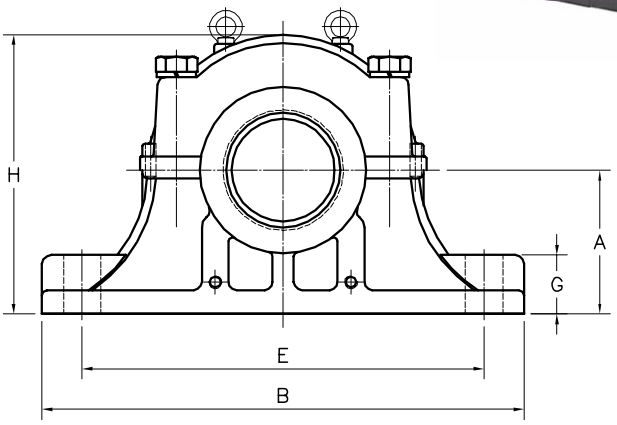
Shaft Size d_1 in	Complete Pilow Block Part No. **	Pillow Block Housing Only Part No. **	Bearing Part No.	Basic Dynamic Load Rating C kN	Adapter Part No.	Labyrinth Seal Ring (2 Req'd) Part No.	Fixing Ring (2 Req'd) Part No.	End Cover (optional) Part No.	Taconite Seal Part No.
4-3/16	SAF23024 K x 4-3/16	SAF024 K x 4-3/16	23024 K C3W33	300	H 3024 x 4-3/16	LER 113*	FR180 x 10	EPR 14	TER113
4-7/16	SAF23026 K x 4-7/16	SAF026 K x 4-7/16	23026 K C3W33	370	H 3026 x 4-7/16	LER 117*	FR200 x 10	EPR 15	TER117
4-15/16	SAF23028 K x 4-15/16	SAF028 K x 4-15/16	23028 K C3W33	395	H 3028 x 4-15/16	LER 122*	FR210 x 10	EPR 27	TER122
5-3/16	SAF23030 K x 5-3/16	SAF030 K x 5-3/16	23030 K C3W33	435	H 3030 x 5-3/16	LER 125*	FR225 x 10	EPR 16	TER125
5-7/16	SAF23032 K x 5-7/16	SAF032 K x 5-7/16	23032 K C3W33	500	H 3032 x 5-7/16	LER 130*	FR240 x 10	EPR 16	TER130
5-15/16	SAF23034 K x 5-15/16	SAF034 K x 5-15/16	23034 K C3W33	620	H 3034 x 5-15/16	LER 140*	FR260 x 10	EPR 18	TER140
6-7/16	SAF23036 K x 6-7/16	SAF036 K x 6-7/16	23036 K C3W33	720	H 3036 x 6-7/16	LER 148*	FR280 x 10	EPR 19	TER148
6-15/16	SAF23038 K x 6-15/16	SAF038 K x 6-15/16	23038 K C3W33	750	H 3038 x 6-15/16	LER 155*	FR290 x 10	EPR 20	TER155
7-3/16	SAF23040 K x 7-3/16	SAF040 K x 7-3/16	23040 K C3W33	875	H 3040 x 7-3/16	LER 159*	FR310 x 10	EPR 21	TER159
7-15/16	SAF23044 K x 7-15/16	SAF044 K x 7-15/16	23044 K C3W33	1040	H 3044 x 7-15/16	LER 167*	FR340 x 10	EPR 23	TER167
8-7/16	SAF23048 K x 8-7/16	SAF048 K x 8-7/16	23048 K C3W33	1125	OH 3048 x 8-7/16	LER 550	FR360 x 10	—	TER550
8-1/2	SAF23048 K x 8-1/2	SAF048 K x 8-1/2	23048 K C3W33	1125	OH 3048 x 8-1/2	LER 551	FR360 x 10	—	TER551
8-15/16	SAF23048 K x 8-15/16	SAF048 K x 8-15/16	23048 K C3W33	1125	OH 3048 x 8-15/16	LER 552	FR360 x 10	—	TER552
9	SAF23048 K x 9	SAF048 K x 9	23048 K C3W33	1125	OH 3048 x 9	LER 513	FR360 x 10	—	TER513
9-7/16	SAF23052 K x 9-7/16	SAF052 K x 9-7/16	23052 K C3W33	1400	OH 3052 x 9-7/16	LER 553	FR400 x 10	—	TER553
9-1/2	SAF23052 K x 9-1/2	SAF052 K x 9-1/2	23052 K C3W33	1400	OH 3052 x 9-1/2	LER 178	FR400 x 10	—	TER178
9-15/16	SAF23056 K x 9-15/16	SAF056 K x 9-15/16	23056 K C3W33	1500	OH 3056 x 9-15/16	ER 751	FR420 x 10	—	TER751
10	SAF23056 K x 10	SAF056 K x 10	23056 K C3W33	1500	OH 3056 x 10	ER 705	FR420 x 10	—	TER705
10-7/16	SAF23056 K x 10-7/16	SAF056 K x 10-7/16	23056 K C3W33	1500	OH 3056 x 10-7/16	ER 745	FR420 x 10	—	TER745
10-1/2	SAF23056 K x 10-1/2	SAF056 K x 10-1/2	23056 K C3W33	1500	OH 3056 x 10-1/2	ER 710	FR420 x 10	—	TER710

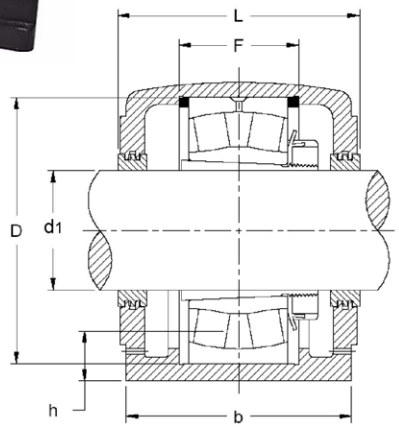
Note: * PER Seals also stock. ** For Steel Housings change part number to SAFS.

Pillow Block Housings

SDAF 230 Series







SDAF 230 K - Housing Dimensions

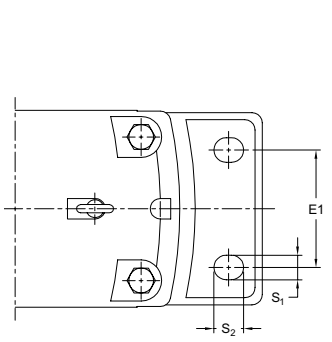
Dimensions in inches

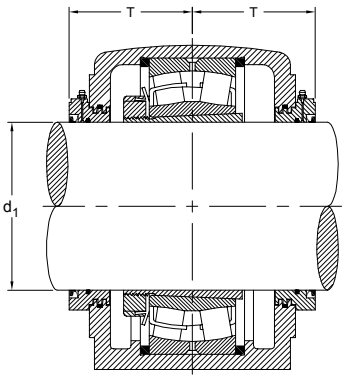
Housing No. *	A	B	b	D	E		E1	F	G	H	Static Oil Level	L	Cap Bolts	Base Bolts	S_1	S_2	T	Wt.
				mm	Max	Min		mm			h		(No. Required)					lb
SDAF 3060 K x 10-15/16 SDAF 3060 K x 11	12	38-1/4	14-3/4	500	33-1/2	32-3/4	9	180	3-3/8	23-7/16	4.40	15-1/2	(4)1-1/4	(4)1-5/8	1-7/8	2-1/4	9-7/16	1150
SDAF 3064 K x 11-7/16 SDAF 3064 K x 11-1/2 SDAF 3064 K x 11-15/16 SDAF 3064 K x 12	12-13/16	41-3/4	15-3/4	540	35	38-1/2	10-1/2	196	4-1/4	25-3/4	4.00	16-1/4	(4)1-1/2	(4)1-5/8	2-1/4	3	9-7/16	1275
SDAF 3068 K x 12-7/16 SDAF 3068 K x 12-1/2	14	43-3/4	17-5/8	580	36-3/4	38-1/4	10-3/4	210	5	27-3/4	3.38	18-1/4	(4)1-1/2	(4)1-7/8	2-3/8	3-1/8	10-1/8	1600
SDAF 3072 K x 12-15/16 SDAF 3072 K x 13 SDAF 3072 K x 13-7/16 SDAF 3072 K x 13-1/2	14-1/2	46	17-1/8	600	39-1/4	40-3/4	11	212	5-1/4	29	3.72	17-1/4	(4)1-1/2	(4)1-7/8	2-7/16	3-3/16	10-3/16	1650
SDAF 3076 K x 13-15/16 SDAF 3076 K x 14	14-1/2	46	17-1/8	620	39-1/4	40-3/4	11	214	5-1/4	28-7/8	3.38	17-5/8	(4)1-1/2	(4)1-7/8	2-7/16	3-3/16	10-1/4	1700
SDAF 3080 K x 14-15/16 SDAF 3080 K x 15	14-1/2	46	17-1/8	600	39-1/4	40-3/4	11	168	5-1/4	29	4.44	17-1/4	(4)1-1/2	(4)2	2-7/16	3-1/8	10-15/16	2300
SDAF 3084 K x 15-3/4	14-1/2	46	17-1/8	620	39-1/4	40-3/4	11	170	5-1/4	29	4.10	17-1/4	(4)1-1/2	(4)2	2-7/16	3-1/8	10-15/16	2300
SDAF 3088 K x 16-1/2	15-1/2	48-3/4	18-3/4	650	41-7/8	43-3/8	12-1/4	177	5-1/2	30-1/2"	4.50	19-1/4	(4)1-1/2	(4)2-1/4	2-3/8	3-1/4	11-15/16	2500
SDAF 3092 K x 17	15-1/2	48-3/4	18-3/4	680	41-7/8	43-3/8	12-1/4	183	5-1/2	30-1/2"	4.00	19-1/4	(4)1-1/2	(4)2-1/4	2-3/8	3-1/4	11-15/16	2800
SDAF 3096 K x 18	17	53	21	700	44-3/8	46-1/8	14-1/2	185	5-1/2	33-3/4	5-13	21-3/4	(4)1-1/2	(4)2-1/4	2-3/8	3-1/4	13-3/16	4300
SDAF 30/500 K x 18-1/2	17	53	21	720	44-3/8	46-1/8	14-1/2	187	5-1/2	33-3/4	4.75	21-3/4	(4)1-1/2	(4)2-1/4	2-3/8	3-1/4	13-3/16	4400
SDAF 30/530 K x 19-1/2	18	54-1/4	21-5/8	780	47-1/8	48-7/8	15	205	5-3/4	35-3/4	4.81	22-1/4	(4)1-1/2	(4)2-1/2	2-5/8	3-1/2	—	5200
SDAF 30/560 K x 21	18	54-1/4	21-5/8	820	47-1/8	48-7/8	15	225	5-3/4	35-3/4	—	22-1/4	(4)1-1/2	(4)2-1/2	2-5/8	3-1/2	—	5400
SDAF 30/600 K x 22	20	60	22	870	54-1/8	58-7/8	15	220	6	40	—	24-5/8	(4)2	(4)3	3-1/4	3-3/4	—	5800
SDAF 30/630 K x 24	20	60	22	920	54-1/8	58-7/8	15	232	6	40	—	24-5/8	(4)2	(4)3	3-1/4	3-3/4	—	5800

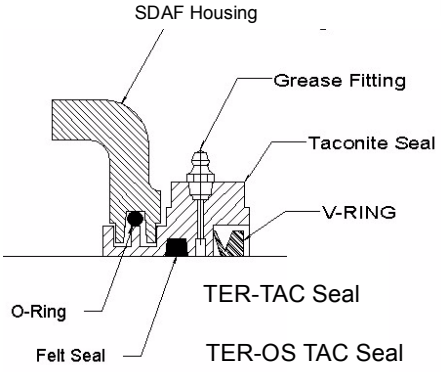
Note: * SDAF**D (Ductile)** and SDAF**S (Steel)** housings available on request.

Pillow Block Housing Accessories

SDAF 230 Series







TER-TAC Seal

TER-OS TAC Seal with oil seal instead of V-Ring also available



Fixing Ring



LER Seal



TER-OS TAC Seal

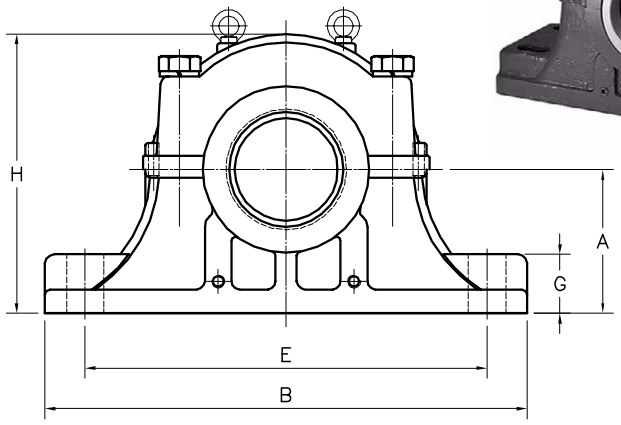
SDAF 230K - Pillow Block Part Numbers

Shaft Size d_1 in	Complete Pillow Block Part No.	Pillow Block Housing Only Part No. **	Bearing Part No. *	Basic Dynamic Load Rating C kN	Adapter Part No.	Labyrinth Seal Ring (2 Req'd) Part No.	Fixing Ring (1 Req'd) Part No.	End Cover Part No.	Taconite Seal Part No.
9-7/16	SDAF 23052 K x 9-7/16	SDAF 3052 K x 9-7/16	23052KC3W33	2200	OH3052 x 9-7/16	LER553	FR400 x 10	EPR5217-2	TER553
9-1/2	SDAF 23052 K x 9-1/2	SDAF 3052 K x 9-1/2			OH3052 x 9-1/2	LER178			TER178
9-15/16	SDAF 23056 K x 9-15/16	SDAF 3056 K x 9-15/16	23056KC3W33	2250	OH3056 x 9-15/16	ER751	FR420 x 10	EPR5217-1	TER751
10	SDAF 23056 K x 10	SDAF 3056 K x 10			OH3056 x 10	ER705			TER705
10-7/16	SDAF 23056 K x 10-7/16	SDAF 3056 K x 10-7/16			OH3056 x 10-7/16	ER745			TER745
10-1/2	SDAF 23056 K x 10-1/2	SDAF 3056 K x 10-1/2			OH3056 x 10-1/2	ER710			TER710
10-15/16	SDAF 23060 K x 10-15/16	SDAF 3060 K x 10-15/16	23060KC3W33	2800	OH3060 x 10-15/16	ER858	FR460 x 10	EPR5217-9	TER858
11	SDAF 23060 K x 11	SDAF 3060 K x 11			OH3060 x 11	ER825			TER825
11-7/16	SDAF 23064 K x 11-7/16	SDAF 3064 K x 11-7/16	23064KC3W33	3200	OH3064 x 11-7/16	ER861	FR480 x 10	EPR5217-16	TER861
11-1/2	SDAF 23064 K x 11-1/2	SDAF 3064 K x 11-1/2			OH3064 x 11-1/2	ER832			TER832
11-15/16	SDAF 23064 K x 11-15/16	SDAF 3064 K x 11-15/16			OH3064 x 11-15/16	ER859			TER859
12	SDAF 23064 K x 12	SDAF 3064 K x 12			OH3064 x 12	ER818			TER818
12-7/16	SDAF 23068 K x 12-7/16	SDAF 3068 K x 12-7/16	23068KC3W33	3600	OH3068 x 12-7/16	ER865	FR520 x 10	EPR5217-29	TER865
12-1/2	SDAF 23068 K x 12-1/2	SDAF 3068 K x 12-1/2			OH3068 x 12-1/2	ER866			TER866
12-15/16	SDAF 23072 K x 12-15/16	SDAF 3072 K x 12-15/16	23072KC3W33	2750	OH3072 x 12-15/16	ER869	FR540 x 10	EPR5217-27	TER869
13	SDAF 23072 K x 13	SDAF 3072 K x 13			OH3072 x 13	ER846			TER846
13-7/16	SDAF 23072 K x 13-7/16	SDAF 3072 K x 13-7/16			OH3072 x 13-7/16	ER872			TER872
13-1/2	SDAF 23072 K x 13-1/2	SDAF 3072 K x 13-1/2			OH3072 x 13-1/2	ER823			TER823
13-15/16	SDAF 23076 K x 13-15/16	SDAF 3076 K x 13-15/16	23076KC3W33	3900	OH3076 x 13-15/16	ER875	FR560 x 10	EPR5217-12	TER875
14	SDAF 23076 K x 14	SDAF 3076 K x 14			OH3076 x 14	ER876			TER876
14-15/16	SDAF 23080 K x 14-15/16	SDAF 3080 K x 14-15/16	23080KC3W33	4200	OH3080 x 14-15/16	ER847R	FR600 x 10	EPR5217-21	TER847R
15	SDAF 23080 K x 15	SDAF 3080 K x 15			OH3080 x 15	ER847			TER847
15-3/4	SDAF 23084 K x 15-3/4	SDAF 3084 K x 15-3/4	23084KC3W33	5200	OH3084 x 15-3/4	ER969	FR620 x 10	EPR5217-23	TER969
16-1/2	SDAF 23088 K x 16-1/2	SDAF 3088 K x 16-1/2	23088KC3W33	5200	OH3088 x 16-1/2	ER958	FR650 x 10	EPR5217-25	TER958
17	SDAF 23092 K x 17	SDAF 3092 K x 17	23092KC3W33	5700	OH3092 x 17	ER838	FR680 x 10	EPR838	TER838
18	SDAF 23096 K x 18	SDAF 3096 K x 18	23096KC3W33	6200	OH3096 x 18	ER888	FR700 x 10	EPR888	TER888
18-1/2	SDAF 230/500 K x 18-1/2	SDAF 30/500 x 18-1/2	230/500KC3W33	3677	OH30/500 x 18-1/2	ER978	FR720 x 10	EPR978	TER978
19-1/2	SDAF 230/530 K x 19-1/2	SDAF 30/530 x 19-1/2	230/530KC3W33	4360	OH30/530 x 19-1/2	ER926	FR780x 10	EPR926	TER926
21	SDAF 230/560 K x 21	SDAF 30/560 x 21	230/560KC3W33	5100	OH30/560 x 21	ER933	FR820 x 10	EPR933	TER933
22	SDAF 230/600 K x 22	SDAF 30/600 x 22	230/600KC3W33	5200	OH30/600 x 22	ER986	FR870 x 10	EPR986	TER986
24	SDAF 230/630 K x 24	SDAF 30/630 x 24	230/630KC3W33	5700	OH30/630 x 24	ER987	FR920 x 10	EPR987	TER987

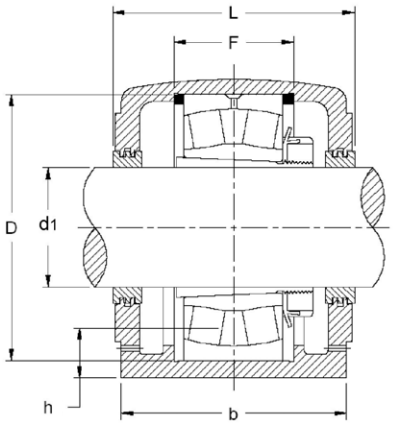
Note: * Typical suffix to the bearing part number is KC3W33 where K indicates taper bore, C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 23064 K C3W33. Other bearing clearances available upon request. ** Pillow Block housing includes Fixing Rings and ER or LER Seals.

Pillow Block Housings

SDAF 231 Series







SDAF 231 K - Housing Dimensions

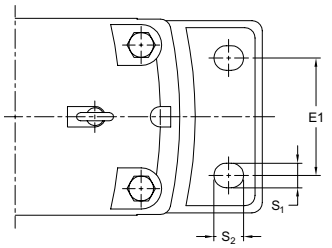
Dimensions in inches

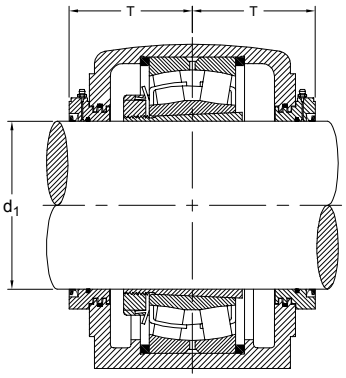
Housing No. *	A	B	b	D	E		E1	F	G	H	Static Oil Level h	L	Cap Bolts	Base Bolts	S_1	S_2	T	Wt. lb
				mm	Max	Min		mm					(No. Required)					
SDAF 3152 K x 9-7/16 SDAF 3152 K x 9-1/2	10-1/4	38-1/4	13-1/8	440	30-1/2	29	8-3/4	164	3-3/4	20-3/4	3.13	14-1/4	(4)1-1/4	(4)1-5/8	1-3/4	2-1/2	8-3/8	1050
SDAF 3156 K x 9-15/16 SDAF 3156 K x 10 SDAF 3156 K x 10-7/16 SDAF 3156 K x 10-1/2	12	38-1/4	14-3/4	460	33-1/2	32-3/4	9	166	3-3/8	23-7/16	3.50	15-1/2	(4)1-1/4	(4)1-5/8	1-7/8	2-1/4	9-1/2	1250
SDAF 3160 K x 10-15/16 SDAF 3160 K x 11	12	38-1/4	14-3/4	500	33-1/2	32-3/4	9	180	3-3/8	23-7/16	3.80	15-1/2	(4)1-1/4	(4)1-5/8	1-7/8	2-1/4	9-1/2	1350
SDAF 3164 K x 11-7/16 SDAF 3164 K x 11-1/2 SDAF 3164 K x 11-15/16 SDAF 3164 K x 12	12-13/16	41-3/4	15-3/4	540	35	38-1/2	10-1/2	196	4-1/4	25-3/4	4.00	16-1/4	(4)1-1/2	(4)1-7/8	2-1/4	3	10-3/8	1830
SDAF 3168 K x 12-7/16 SDAF 3168 K x 12-1/2	14	43-3/4	17-5/8	580	36-3/4	38-1/4	10-3/4	210	5	27-3/4	4.63	18-1/4	(4)1-1/2	(4)2	2-3/8	3-1/8	11-1/4	2450
SDAF 3172 K x 12-15/16 SDAF 3172 K x 13 SDAF 3172 K x 13-7/16 SDAF 3172 K x 13-1/2	14-1/2	46	17-1/8	600	39-1/4	40-3/4	11	212	5-1/4	29	4.63	17-1/4	(4)1-1/2	(4)2	2-7/16	3-3/16	10-7/8	2500
SDAF 3176 K x 13-15/16 SDAF 3176 K x 14	14-1/2	46	17-1/8	620	39-1/4	40-3/4	11	214	5-1/4	28-7/8	4.30	17-5/8	(4)1-1/2	(4)2	2-7/16	3-3/16	10-7/8	2500
SDAF 3180 K x 14-15/16 SDAF 3180 K x 15	15-1/2	48-3/4	18-3/4	650	41-3/4	43-1/2	12-1/4	220	5-1/2	30-1/2	4.81	19-1/4	(4)1-1/2	(4)2-1/4	2-3/8	3-1/4	12	2800
SDAF 3184 K x 15-3/4	17	53	21	700	44-3/8	46-1/8	14-1/2	224	5-1/2	33-3/4	5.60	21-3/4	(4)1-1/2	(4)2-1/4	2-11/16	3-9/16	13-1/4	4300
SDAF 3188 K x 16-1/2	17	53	21	720	44-3/8	46-1/8	14-1/2	246	5-1/2	33-3/4	5.30	21-3/4	(4)1-1/2	(4)2-1/4	2-11/16	3-9/16	13-1/4	4300
SDAF 3192 K x 17	18	54-1/4	21-5/8	760	47-1/8	48-7/8	15	260	5-3/4	35-3/4	5.50	21-5/8	(4)1-1/2	(4)2-1/2	2-13/16	3-5/8	13-1/4	5000
SDAF 3196 K x 18	18	54-1/4	21-5/8	790	47-1/8	48-7/8	15	268	5-3/4	35-3/4	5.20	21-5/8	(4)1-1/2	(4)2-1/2	2-13/16	3-5/8	13-1/2	5200
SDAF 31/500 K x 18-1/2	18	54-1/4	21-5/8	830	47-1/8	48-7/8	15	284	5-3/4	35-3/4	—	21-5/8	(4)1-1/2	(4)2-1/2	2-7/8	3-5/8	—	5200
SDAF 31/530 K x 19-1/2	20	60	22	870	52-3/8	54-1/8	15	292	6	40	—	24-5/8	(4)2	(4)3	3-1/4	3-3/4	—	5600
SDAF 31/560 K x 21	20	60	22	920	52-3/8	54-1/8	15	300	6	40	—	24-5/8	(4)2	(4)3	3-1/4	3-3/4	—	5600
SDAF 31/600 K x 22	23-1/4	64-1/4	26-5/8	980	57-1/8	58-7/8	19-5/8	320	6-1/4	47-1/4	—	27-3/4	(4)2-1/2	(4)3	3-1/4	3-3/4	—	6000
SDAF 31/630 K x 24	23-1/4	64-1/4	26-5/8	1030	57-1/8	58-7/8	19-5/8	335	6-1/4	47-1/4	—	27-3/4	(4)2-1/2	(4)3	3-1/4	3-3/4	—	6000

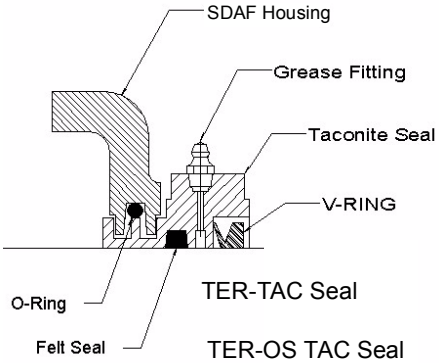
Note: * SDAF**D (Ductile)** and SDAF**S (Steel)** housings available on request.

Pillow Block Housing Accessories

SDAF 231 Series







TER-TAC Seal

TER-OS TAC Seal with oil seal instead of V-Ring also available



Fixing Ring



LER Seal



TER-OS TAC Seal

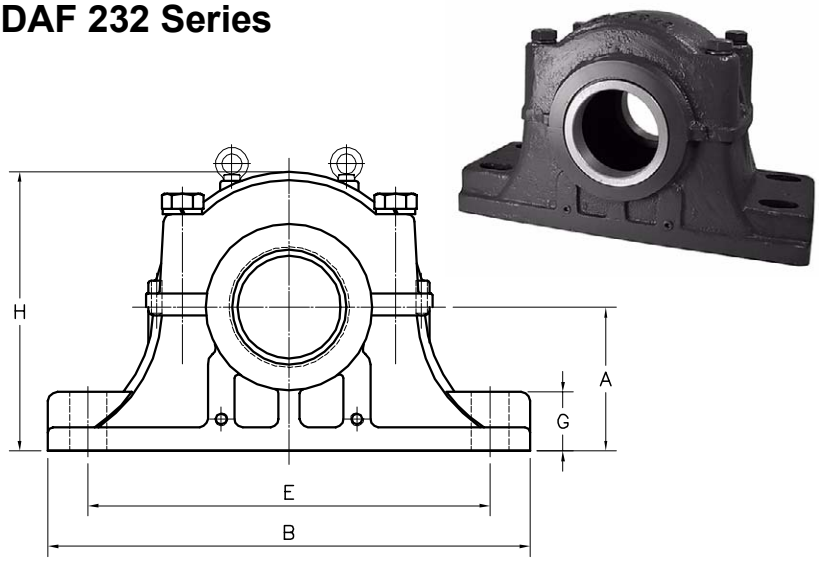
SDAF 231K - Pillow Block Part Numbers

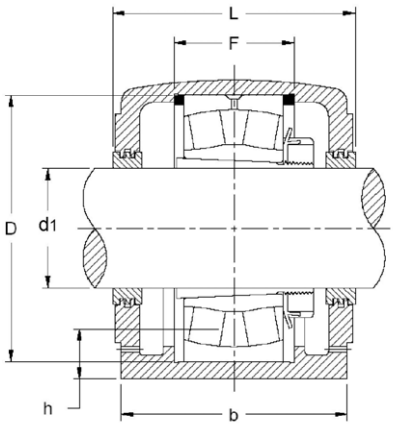
Shaft Size d_1 in	Complete Pillow Block Part No.	Pillow Block Housing Only Part No. **	Bearing Part No. *	Basic Dynamic Load Rating C kN	Adapter Part No.	Labyrinth Seal Ring (2 Req'd) Part No.	Fixing Ring (2 Req'd) Part No.	End Cover Part No.	Taconite Seal Part No.
9-7/16	SDAF 23152 K x 9-7/16	SDAF 3152 K x 9-7/16	23152KC3W33	2200	OH 3152 x 9-7/16	LER 553	FR440 x 10	EPR 5217-2	TER 553
9-1/2	SDAF 23152 K x 9-1/2	SDAF 3152 K x 9-1/2			OH 3152 x 9-1/2	LER 178			TER 178
9-15/16	SDAF 23156 K x 9-15/16	SDAF 3156 K x 9-15/16	23156KC3W33	2250	OH 3156 x 9-15/16	ER 751	FR460 x 10	EPR 5217-1	TER 751
10	SDAF 23156 K x 10	SDAF 3156 K x 10			OH 3156 x 10	ER 705			TER 705
10-7/16	SDAF 23156 K x 10-7/16	SDAF 3156 K x 10-7/16			OH 3156 x 10-7/16	ER 745			TER 745
10-1/2	SDAF 23156 K x 10-1/2	SDAF 3156 K x 10-1/2			OH 3156 x 10-1/2	ER 710			TER 710
10-15/16	SDAF 23160 K x 10-15/16	SDAF 3160 K x 10-15/16	23160KC3W33	2800	OH 3160 x 10-15/16	ER 858	FR5000 x 10	EPR 5217-9	TER 858
11	SDAF 23160 K x 11	SDAF 3160 K x 11			OH 3160 x 11	ER 825			TER 825
11-7/16	SDAF 23164 K x 11-7/16	SDAF 3164 K x 11-7/16	23164KC3W33	3200	OH 3164 x 11-7/16	ER 861	FR540 x 10	EPR 5217-16	TER 861
11-1/2	SDAF 23164 K x 11-1/2	SDAF 3164 K x 11-1/2			OH 3164 x 11-1/2	ER 832			TER 832
11-15/16	SDAF 23164 K x 11-15/16	SDAF 3164 K x 11-15/16			OH 3164 x 11-15/16	ER 859			TER 859
12	SDAF 23164 K x 12	SDAF 3164 K x 12			OH 3164 x 12	ER 818			TER 818
12-7/16	SDAF 23168 K x 12-7/16	SDAF 3168 K x 12-7/16	23168KC3W33	3600	OH 3168 x 12-7/16	ER 865	FR580 x 10	EPR 5217-29	TER 865
12-1/2	SDAF 23168 K x 12-1/2	SDAF 3168 K x 12-1/2			OH 3168 x 12-1/2	ER 866			TER 866
12-15/16	SDAF 23172 K x 12-15/16	SDAF 3172 K x 12-15/16	23172KC3W33	2750	OH 3172 x 12-15/16	ER 869	FR600 x 10	EPR 5217-27	TER 869
13	SDAF 23172 K x 13	SDAF 3172 K x 13			OH 3172 x 13	ER 846			TER 846
13-7/16	SDAF 23172 K x 13-7/16	SDAF 3172 K x 13-7/16			OH 3172 x 13-7/16	ER 872			TER 872
13-1/2	SDAF 23172 K x 13-1/2	SDAF 3172 K x 13-1/2			OH 3172 x 13-1/2	ER 823			TER 823
13-15/16	SDAF 23176 K x 13-15/16	SDAF 3176 K x 13-15/16	23176KC3W33	3900	OH 3176 x 13-15/16	ER 875	FR620 x 10	EPR 5217-12	TER 875
14	SDAF 23176 K x 14	SDAF 3176 K x 14			OH 3176 x 14	ER 876			TER 876
14-15/16	SDAF 23180 K x 14-15/16	SDAF 3180 K x 14-15/16	23180KC3W33	4200	OH 3180 x 14-15/16	ER 847R	FR650 x 10	EPR 5217-21	TER 847R
15	SDAF 23180 K x 15	SDAF 3180 K x 15			OH 3180 x 15	ER 847			TER 847
15-3/4	SDAF 23184 K x 15-3/4	SDAF 3184 K x 15-3/4	23184KC3W33	5200	OH 3184 x 15-3/4	ER 969	FR700 x 10	EPR 5217-23	TER 969
16-1/2	SDAF 23188 K x 16-1/2	SDAF 3188 K x 16-1/2	23188KC3W33	5200	OH 3188 x 16-1/2	ER 958	FR720 x 10	EPR 5217-25	TER 958
17	SDAF 23192 K x 17	SDAF 3192 K x 17	23192KC3W33	5700	OH 3192 x 17	ER 838	FR760 x 10	EPR 838	TER 838
18	SDAF 23196 K x 18	SDAF 3196 K x 18	23196KC3W33	6200	OH 3196 x 18	ER 888	FR790 x 10	EPR 888	TER 888
18-1/2	SDAF 231/500K x 18-1/2	SDAF 31/500 x 18-1/2	231/500KC3W33	6700	OH 31/500 x 18-1/2	ER 978	FR830 x 10	EPR 978	TER 978
19-1/2	SDAF 231/530K x 19-1/2	SDAF 31/530 x 19-1/2	231/530KC3W33	7100	OH 31/530 x 19-1/2	ER 926	FR870x 10	EPR 926	TER 926
21	SDAF 231/560K x 21	SDAF 31/560 x 21	231/560KC3W33	7900	OH 31/560 x 21	ER 933	FR920 x 10	EPR 933	TER 933
22	SDAF 231/600K x 22	SDAF 31/600 x 22	231/600KC3W33	8900	OH 31/600 x 22	ER 986	FR980 x 10	EPR 986	TER 986
24	SDAF 231/630K x 24	SDAF 31/630 x 24	231/630KC3W33	10000	OH 31/630 x 24	ER 987	FR1030 x 10	EPR 987	TER 987

Note: *Typical suffix to the bearing part number is KC3W33 where K indicates taper bore, C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 23164KC3W33. Other bearing clearances available upon request. ** Pillow Block housing includes Fixing Rings and ER or LER Seals.

Pillow Block Housings

SDAF 232 Series





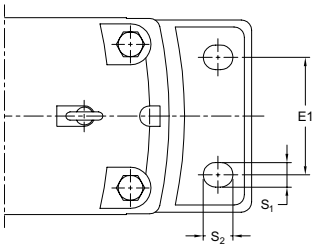
SDAF 232 K - Housing Dimensions

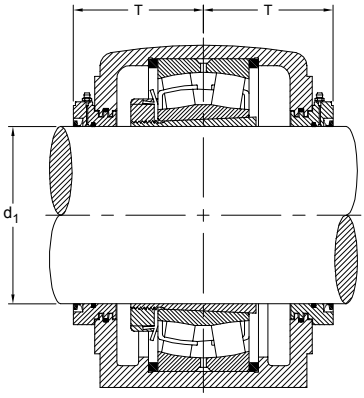
Dimensions in inches

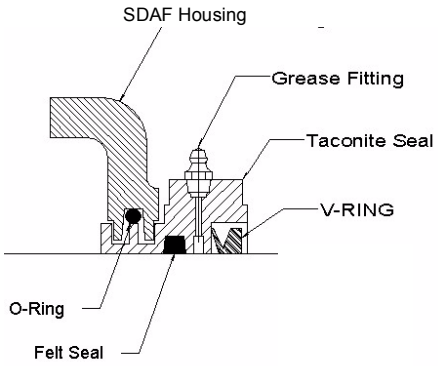
Housing No.	A	B	b	D	E		E1	F	G	H	Static Oil Level h	L	T	Cap Bolts	Base Bolts	S_1	S_2	Wt. lb
				mm	Max	Min		mm						(No. Required)				
SDAF 3248 K x 8-15/16	10-1/4	35	13-1/8	440	30-1/2	29	8-3/4	180	3-3/4	20-7/8	3.2	14-1/4	17-1/2	(4) 1-1/4	(4) 1-5/8	1-3/4	2-1/8	1100
SDAF 3252 K x 9-7/16 SDAF 3252 K x 9-1/2	12	38-1/4	14-3/4	480	33-3/8	32-7/8	9	194	4	23-7/16	3.1	15-1/2	19	(4) 1-1/4	(4) 1-5/8	1-3/4	2-1/8	1350
SDAF 3256 K x 9-15/16 SDAF 3256 K x 10 SDAF 3256 K x 10-7/16 SDAF 3256 K x 10-1/2	12	38-1/4	14-3/4	500	33-3/8	32-7/8	9	196	4	23-7/16	3.5	15-1/2	19	(4) 1-1/4	(4) 1-5/8	1-3/4	2-1/8	1400
SDAF 3260 K x 10-15/16 SDAF 3260 K x 11	12-13/16	41-3/4	15-3/4	540	36-3/8	35-1/8	10-1/2	212	4-1/2	25-3/4	3.8	16	20-3/4	(4) 1-1/4	(4) 1-7/8	1-3/4	2-1/8	1900
SDAF 3264 K x 11-7/16 SDAF 3264 K x 11-1/2 SDAF 3264 K x 11-15/16 SDAF 3264 K x 12	14	43-3/4	17-3/4	580	38-1/4	36-3/4	10-3/4	228	5	27-7/8	4.0	18-3/4	22-1/2	(4) 1-1/2	(4) 2	2-1/8	2-7/8	2500
SDAF 3268 K x 12-7/16 SDAF 3268 K x 12-1/2	14-1/2	46	17-1/8	620	40-3/4	39-1/4	11	244	5-1/4	29	4.6	17-1/4	21-3/4	(4) 1-1/2	(4) 2	2-3/8	3-1/8	2600
SDAF 3272 K x 12-15/16 SDAF 3272 K x 13 SDAF 3272 K x 13-7/16 SDAF 3272 K x 13-1/2	15-1/2	48-3/4	18-3/4	650	43-1/2	41-3/4	12-1/4	252	5-1/2	30-1/2	4.6	19-1/4	24	(4) 1-1/2	(4) 2-1/4	2-3/8	3-1/4	2900
SDAF 3276 K x 13-15/16 SDAF 3276 K x 14	15-1/2	48-3/4	18-3/4	680	43-1/2	41-3/4	12-1/4	260	5-1/2	30-1/2	4.3	19-1/4	24	(4) 1-1/2	(4) 2-1/4	2-3/8	3-1/4	3000
SDAF 3280 K x 14-15/16 SDAF 3280 K x 15	17	53	21	720	46-1/8	41-3/4	14-1/2	276	5-1/2	33-3/4	4.8	19-1/4	26-1/2	(4) 1-1/2	(4) 2-1/4	2-3/8	3-1/4	4500
SDAF 3284 K x 15-3/4	18	54-1/4	21-5/8	760	49-7/8	47-1/8	15	292	5-3/4	35-3/4	5.6	21-5/8	—	(4) 1-1/2	(4) 2-1/2	2-5/8	3-1/2	5000
SDAF 3288 K x 16-1/2	18	54-1/4	21-5/8	790	48-7/8	47-1/8	15	300	5-3/4	35-3/4	5.3	21-5/8	27	(4) 1-1/2	(4) 2-1/2	2-5/8	3-1/2	5000
SDAF 3292 K x 17	18	54-1/4	21-5/8	830	48-7/8	47-1/8	15	316	5-3/4	35-3/4	5.5	21-5/8	—	(4) 1-1/2	(4) 2-1/2	2-5/8	3-1/2	5000
SDAF 3296 K x 18	20	60	22	870	54-1/8	52-3/8	16	330	6	40	5.2	21-5/8	27	(4) 2	(4) 3	2-5/8	3-1/2	5300
SDAF32/500 K x 18-1/2	20	60	22	920	54-1/8	52-3/8	16	356	6	40	—	24-5/8	—	(4) 2	(4) 3	3-1/4	3-3/4	5300
SDAF32/530 K x 19-1/2	23-1/4	64-1/8	26-5/8	980	65-1/8	63-3/8	19-5/8	375	6-1/4	47-1/4	—	27-3/4	—	(4) 2-1/2	(4) 3	3-1/4	3-3/4	5600
SDAF32/600 K x 22	24-1/5	69	28-1/4	1090	61-3/8	59-5/8	20	408	7	48	—	29-1/2	—	(4) 2-1/2	(4) 3	3-1/8	3-7/8	5600

Pillow Block Housing Accessories

SDAF 232 Series









Fixing Ring



LER Seal



TER-OS TAC Seal

SDAF 232K - Pillow Block Part Numbers

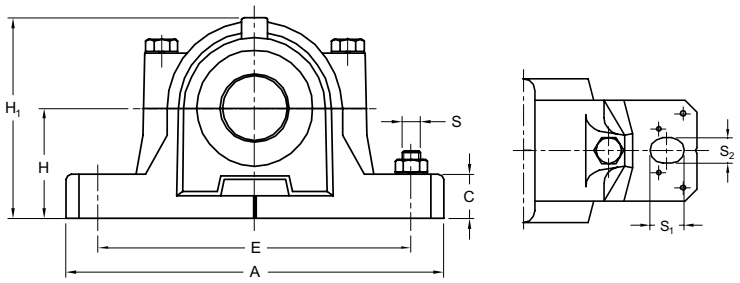
Shaft Size d_1 in	Complete Pillow Part No.	Pillow Block Housing Only Part No.	Bearing Part No.	Basic Dynamic Load Rating C kN	Adapter Part No.	Labyrinth Seal Ring 2 Req'd Part No.	Fixing Ring 2 Req'd Part No.	End Cover Part No.	Taconite Seal Part No.
9-7/16	SDAF23252 K x 9-7/16	SDAF3252 K x 9-7/16	23252KC3W33	2760	OH3252 x 9-7/16	LER553	FR480 x 10	EPR5217-2	TER553
9-1/2	SDAF23252 K x 9-1/2	SDAF3252 K x 9-1/2			OH3252 x 9-1/2	LER178			TER178
9-15/16	SDAF23256 K x 9-15/16	SDAF3256 K x 9-15/16	23256KC3W33	2930	OH3256 x 9-15/16	LER751	FR500 x 10	EPR5217-1	TER751
10	SDAF23256 K x 10	SDAF3256 K x 10			OH3256 x 10	ER705			TER705
10-7/16	SDAF23256 K x 10-7/16	SDAF3256 K x 10-7/16			OH3256 x 10-7/16	ER745			TER745
10-1/2	SDAF23256 K x 10-1/2	SDAF3256 K x 10-1/2			OH3256 x 10-1/2	ER710			TER710
10-15/16	SDAF23260 K x 10-15/16	SDAF3260 K x 10-15/16	23260KC3W33	3450	OH3260 x 10-15/16	ER858	FR540 x 10	EPR5217-9	TER858
11	SDAF23260 K x 11	SDAF3260 K x 11			OH3260 x 11	ER825			TER825
11-7/16	SDAF23264 K x 11-7/16	SDAF3264 K x 11-7/16	23264KC3W33	4000	OH3264 x 11-7/16	ER861	FR580 x 10	EPR5217-16	TER861
11-1/2	SDAF23264 K x 11-1/2	SDAF3264 K x 11-1/2			OH3264 x 11-1/2	ER832			TER832
11-15/16	SDAF23264 K x 11-15/16	SDAF3264 K x 11-15/16			OH3264 x 11-15/16	ER859			TER859
12	SDAF23264 K x 12	SDAF3264 K x 12			OH3264 x 12	ER818			TER818
12-7/16	SDAF23268 K x 12-7/16	SDAF3268 K x 12-7/16	23268KC3W33	4450	OH3268 x 12-7/16	ER865	FR620 x 10	EPR5217-29	TER865
12-1/2	SDAF23268 K x 12-1/2	SDAF3268 K x 12-1/2			OH3268 x 12-1/2	ER866			TER866
12-15/16	SDAF23272 K x 12-15/16	SDAF3272 K x 12-15/16	23272KC3W33	4850	OH3272 x 12-15/16	ER869	FR650 x 10	EPR5217-27	TER869
13	SDAF23272 K x 13	SDAF3272 K x 13			OH3272 x 13	ER846			TER846
13-7/16	SDAF23272 K x 13-7/16	SDAF3272 K x 13-7/16			OH3272 x 13-7/16	ER872			TER872
13-1/2	SDAF23272 K x 13-1/2	SDAF3272 K x 13-1/2			OH3272 x 13-1/2	ER823			TER823
13-15/16	SDAF23276 K x 13-15/16	SDAF3276 K x 13-15/16	23276KC3W33	5200	OH3276 x 13-15/16	ER875	FR680 x 10	EPR5217-12	TER875
14	SDAF23276 K x 14	SDAF3276 K x 14			OH3276 x 14	ER876			TER876
14-15/16	SDAF23280 K x 14-15/16	SDAF3280 K x 14-15/16	23280KC3W33	5850	OH3280 x 14-15/16	ER847R	FR720 x 10	EPR5217-21	TER847R
15	SDAF23280 K x 15	SDAF3280 K x 15			OH3280 x 15	ER847			TER847
15-3/4	SDAF23284 K x 15-3/4	SDAF3284 K x 15-3/4	23284KC3W33	6550	OH3284 x 15-3/4	ER969	FR760 x 10	EPR5217-23	TER969
16-1/2	SDAF23288 K x 16-1/2	SDAF3288 K x 16-1/2	23288KC3W33	6900	OH3288 x 16-1/2	ER958	FR790 x 10	EPR5217-25	TER958
17	SDAF23292 K x 17	SDAF3292 K x 17	23292KC3W33	7750	OH3292 x 17	ER838	FR830 x 10	EPR838	TER838
18	SDAF23296 K x 18	SDAF3296 K x 18	23296KC3W33	8300	OH3296 x 18	ER888	FR870 x 10	EPR888	TER888
18-1/2	SDAF232/500 K x 18-1/2	SDAF32/500 x 18-1/2	232/500K C3W33	9300	OH32/500 x 18-1/2	ER978	FR920 x 10	EPR978	TER978
19-1/2	SDAF232/530 K x 19-1/2	SDAF32/530 x 19-1/2	232/530K C3W33	11000	OH32/530 x 19-1/2	ER926	FR980 x 10	EPR926	TER926
22	SDAF232/600 K x 22**	SDAF32/600 x 22	232/600K C3W33	13000	OH32/600 x 22	ER921	FR1090 x 10	EPR921	TER921

Note: Typical suffix to the bearing part number is KC3W33 where K indicates taper bore, C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. For example specify 23256 K C3W33. Other bearing clearances available upon request. ** Available in an Asymetric Housing Design.

Plummer Block Housings

SNG 500 Series (Formerly SNHF Series)

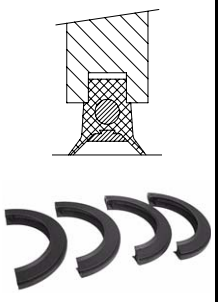


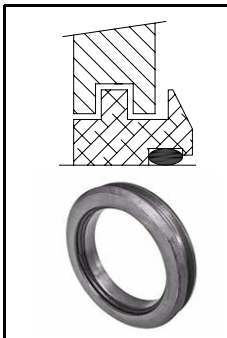


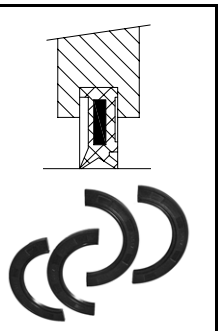
Industry Standard Metric Block Dimensions
Interchangeable with Competitive Units
Seal Options:
- TSNA-G Seal - Split Rubber
- TS-Seal - Aluminum with O-Ring (optional)
- U-Seal - Split Rubber Steel Reinforced (optional)
- TSNC - Split Steel and Felt Seal (optional)
- TAU - Taconite Seal (optional)

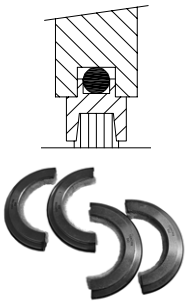
Housings: Cast Iron, Ductile (optional)
Adapter Mounted Ball or Spherical Bearing
End Covers and Taconite Seals Available
Interchanges with PTI's SNHF type
4-Bolt Base optional, see FSSNG-D Series (Ductile)

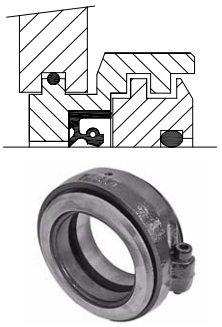
Seal Options


TSNA-G Seal


TS Alminum Seal (Optional)


U-Seal (Optional)


TSNC Seal (Optional)


TAU Taconite Seal (Optional)

Housing Part No.	Dimensions (mm)															Wt. kg
	d_1	A	B	C	D	d_2	E	F	H	H_1	L	T	S	S_1	S_2	
SNG506-605	25	185	52	22	62	36.5	150	32	50	87	77	—	M10	13	22	2
SNG507-606	30	185	52	22	72	46.5	150	34	50	92	82	—	M10	13	20	2
SNG508-607	35	205	60	25	80	51.5	170	39	60	106	85	—	M12	15	20	3
SNG509	40	205	60	25	85	56.5	170	30	60	109	85	70	M12	15	20	3
SNG510-608	45	205	60	25	90	62	170	41	60	112	90	72	M12	15	20	4
SNG511-609	50	255	70	28	100	67	210	44	70	127	95	75	M16	18	23	5
SNG512-610	55	255	70	30	110	72	210	48	70	133	105	80	M16	18	23	6
SNG513-611	60	275	80	30	120	77	230	51	80	148	110	82	M16	18	24	6
SNG515-612	65	280	80	30	130	87	230	56	80	154	115	87	M16	18	26	7
SNG516-613	70	315	90	32	140	92.5	260	58	95	175	120	89	M20	22	29	9
SNG517	75	320	90	32	150	97.5	260	61	95	181	125	95	M20	22	30	10
SNG518-615	80	345	100	35	160	102.5	290	65	100	192	140	102	M20	22	27	12
SNG519-616	85	345	100	35	170	131	290	68	112	209	145	102	M20	22	27	15
SNG520-617	90	380	110	40	180	137.5	320	70	112	215	160	109	M24	26	32	19
SNG522-619	100	410	120	45	200	147.5	350	80	125	239	175	117	M24	26	32	23
SNG524-620	110	410	120	45	215	157.5	350	86	140	271	185	122	M24	26	32	32
SNG526	115	445	130	50	230	167.5	380	90	150	290	190	125	M24	28	35	36
SNG528	125	500	150	50	250	177.5	420	98	150	302	205	133	M30	35	42	47
SNG530	135	530	160	60	270	192.5	450	106	160	323	220	142	M30	35	42	59
SNG532	140	550	160	60	290	202.5	470	114	170	344	235	150	M30	35	42	65

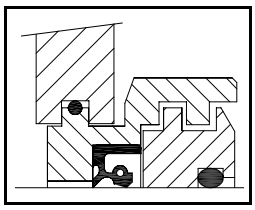
Note: SNG 500 Series housings can be used as SNG 200 housings by using felt seals.

Plummer Block Housing Accessories

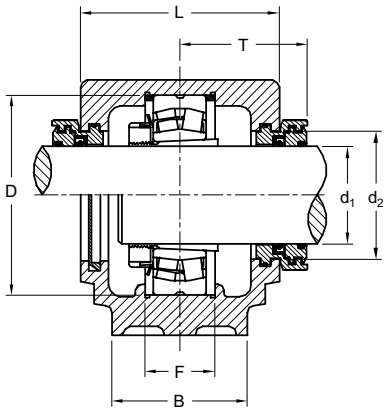
SNG 500 Series (Formerly SNHF Series)



TAC Seal



TAU Taconite Seal





End Cover

Housing Part No.	Bearing Options				Adapter Part No.	Fixing Rings		TSNAG Seal (standard)	TSNC Seal (optional)	TS Seal Part No. (optional)	U-Seal Part No. (optional)	TAU Taconite Seal Part No.	End Cover Part No. (optional)
	Ball Bearing		Spherical Bearings										
	Part No.	Basic Dynamic Load Rating C Kn	Part No.	Basic Dynamic Load Rating C Kn		Part No.	Qty.						
SNG506	1206 K	15.6	—	—	H206	FR62/8	2	TSNA506G	—	U506TS	U506	—	—
	2206 K	31.0	**22206 K**	48	H306	FR62/6	2						
SNG507	1207 K	16.0	—	—	H207	FR72/8.5	2	TSNA507G	TSNC507	U507TS	U507	—	EC 507A
	2207 K	35.0	**22207 K**	67	H307	FR72/5.5	2						
SNG508	1208 K	19.3	—	—	H208	FR80/10.5	2	TSNA508G	TSNC508	U508TS	U508	TAU508	EC 508A
	2208 K	36.0	**22208 K**	73	H308	FR80/8	2						
SNG509	1209 K	22.0	—	—	H209	FR85/5.5	2	TSNA509G	TSNC509	U509TS	U509	TAU509	EC 509A
	2209 K	39.0	**22209 K**	77	H309	FR85/7	1						
SNG510	1210 K	22.8	—	—	H210	FR90/10.5	2	TSNA510G	TSNC510	U510TS	U510	TAU510	EC 510A
	2210 K	42.0	**22210 K**	84	H310	FR90/9	2						
SNG511	1211 K	27.0	—	—	H211	FR100/11.5	2	TSNA511G	TSNC511	U511TS	U511	TAU511	EC 511A
	2211 K	45.0	**22211 K**	115	H311	FR100/9.5	2						
SNG512	1212 K	30.0	—	—	H212	FR110/13	2	TSNA512G	TSNC512	U512TS	U512	TAU512	EC 512A
	2212 K	47.0	**22212 K**	122	H312	FR110/10	2						
SNG513	1213 K	31.0	—	—	H213	FR120/14	2	TSNA513G	TSNC513	U513TS	U513	TAU513	EC 513A
	2213 K	50.0	**22213 K**	148	H313	FR120/10	2						
SNG515	1215 K	39.0	—	—	H215	FR130/15.5	2	TSNA515G	TSNC515	U515TS	U515	TAU515	EC 515A
	2215 K	55.0	**22215 K**	156	H315	FR130/12.5	2						
SNG516	1216 K	40.0	—	—	H216	FR140/16	2	TSNA516G	TSNC516	U516TS	U516	TAU516	EC 516A
	2216 K	59.0	**22216 K**	175	H316	FR140/12.5	2						
SNG517	1217 K	49.0	—	—	H217	FR150/16.5	2	TSNA517G	TSNC517	U517TS	U517	TAU517	EC 517A
	2217 K	63.0	**22217 K**	210	H317	FR150/12.5	2						
SNG518	1218 K	57.0	—	—	H218	FR160/17.5	2	TSNA518G	TSNC518	U518TS	U518	TAU518	EC 518A
	2218 K	65.0	**22218 K**	250	H318	FR160/12.5	2						
	—	—	23218 K	311	H2318	FR160/12.6	1						
SNG519	1219 K	64.0	—	—	H219	FR170/18	2	TSNA519G	TSNC519	U519TS	U519	TAU519	EC 519A
	2219 K	68.0	**22219 K**	280	H319	FR170/12.5	2						
SNG520	2220 K	71.0	**22220 K**	310	H320	FR180/12	2	TSNA520G	TSNC520	U520TS	U520	TAU520	EC 520A
	—	—	23220 K	414	H2320	FR180/9.7	1						
SNG522	2222 K	77.0	**22222 K**	405	H322	FR200/13.5	2	TSNA522G	TSNC522	U522TS	U522	TAU522	EC 522A
	—	—	23222 K	518	H2322	FR200/10.2	1						
SNG524	—	—	**22224 K**	465	H3124	FR215/14	2	TSNA524G	TSNC524	U524TS	U524	TAU524	EC 524A
	—	—	23224 K	610	H2324	FR215/10	1						
SNG526	—	—	**22226 K**	545	H3126	FR230/13	2	TSNA526G	TSNC526	U526TS	U526	TAU526	EC 526A
	—	—	23226 K	690	H2326	FR230/10	1						
SNG528	—	—	**22228 K**	605	H3128	FR250/15	2	TSNA528G	TSNC528	U528TS	U528	TAU528	EC 528A
	—	—	23228 K	799	H2328	FR250/10	1						
SNG530	—	—	**22230 K**	730	H3130	FR270/16.5	2	TSNA530G	TSNC530	U530TS	U530	TAU530	EC 530A
	—	—	23230 K	937	H2330	FR270/10	1						

Note: Bearing Part Number in **bold face** is a double row spherical and most popular. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates taper bore bearing. For example specify 22220 K C3W33. Other clearances available upon request.

Metric Plummer Block

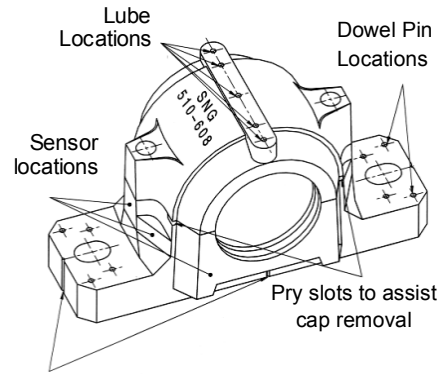
SNG 500-600 Series



SNG 500-600 Series

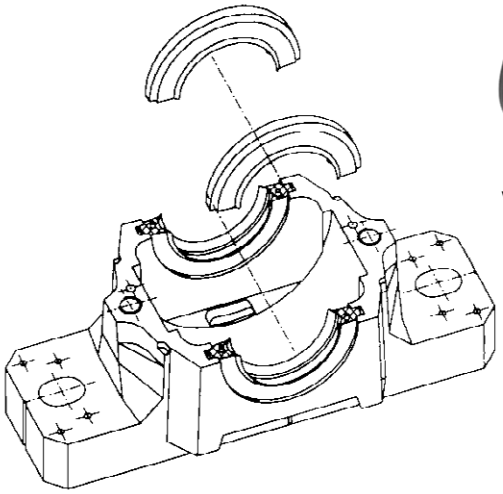


The SNG Series can be provided with 4-Bolt mounting (FSSNG Series). Cast Iron material is standard, and Ductile is also available from production.



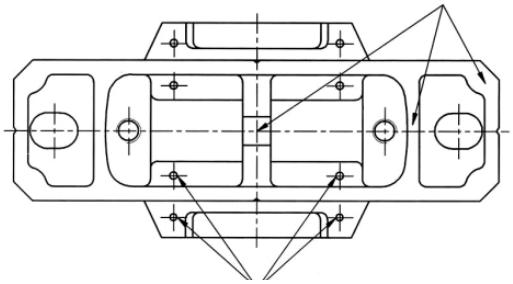


Split TNSG Seals for 500 and 600 Series shafts sizes—accommodates metric and inch shaft sizes. Can be replaced without removing shaft.



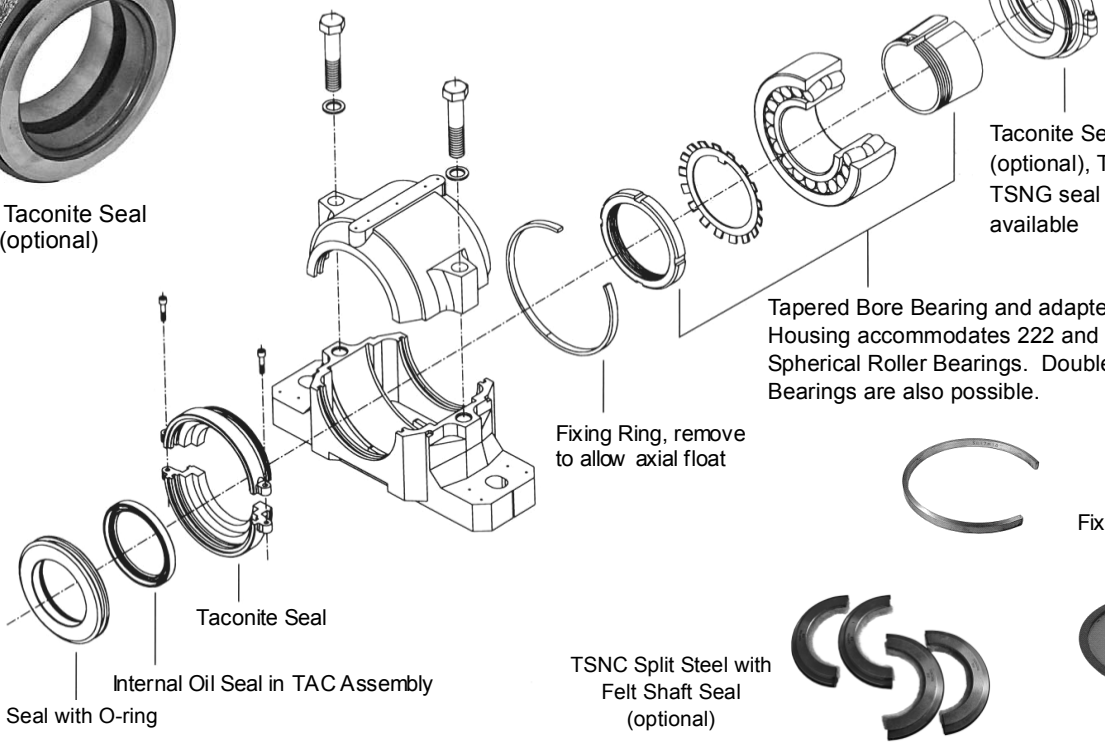


TS Seal with O-ring (optional)





TAU Taconite Seal (optional)



Fixing Ring

TSNC Split Steel with Felt Shaft Seal (optional)



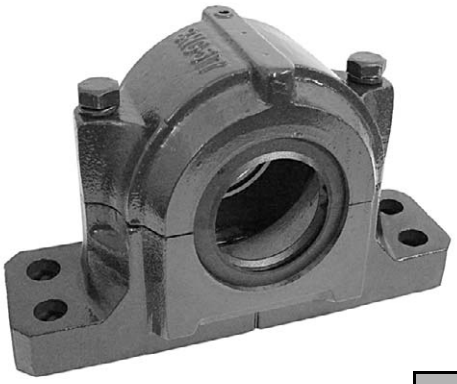
End Cover

Metric Plummer Blocks

FSSNG-D 500-600 Series
4-Bolt Ductile Iron Housing

Split TSNG Seals for 500 or 600 Series will accommodate both metric and inch shaft sizes. The TSNG Seal can be replaced without moving the shaft.





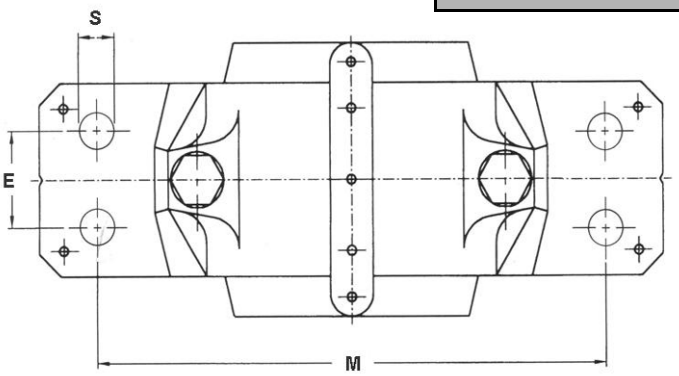


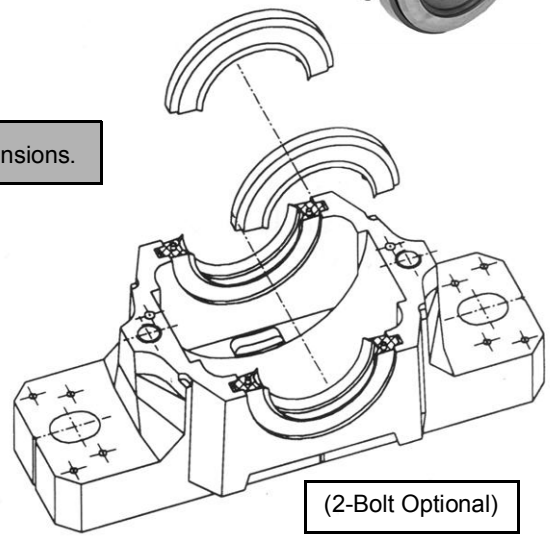
TS Seal with O-ring (optional)

TAU Taconite Seal (optional)



See SNG page for other dimensions.





(2-Bolt Optional)

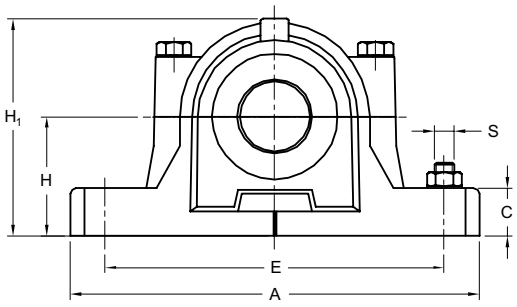
Housing Part No.	E	M	S	Bolt	SNG 500 Seal				SNG 600 Seal		
					Rubber Seal Part No.	Optional Felt Seal Part No.	Shaft (mm)	Shaft (in)	Part No.	Shaft (mm)	Shaft (in)
FSSNG508-607D	34	160	11	M10	TSNA508G	TSNC508	35	1-3/8	TSNA607G	30	1-3/16
FSSNG509D	34	160	11	M10	TSNA509G	TSNC509	40	1-1/2	—	—	—
FSSNG510-608D	34	160	11	M10	TSNA510G	TSNC510	45	1-11/16, 1-3/4	TSNA608G	35	1-3/8
FSSNG511-609D	40	200	14	M12	TSNA511G	TSNC511	50	1-15/16, 2	TSNA609G	40	1-1/2
FSSNG512-610D	40	200	14	M12	TSNA512G	TSNC512	55	2-3/16	TSNA610G	45	1-11/16, 1-3/4
FSSNG513-611D	48	220	14	M12	TSNA513G	TSNC513	60	2-1/4	TSNA611G	50	1-15/16, 2
FSSNG515-612D	48	220	14	M12	TSNA515G	TSNC515	65	2-7/16, 2-1/2	TSNA612G	55	2-3/16
FSSNG516-613D	52	252	18	M16	TSNA516G	TSNC516	70	2-11/16, 2-3/4	TSNA613G	60	2-1/4
FSSNG517D	52	252	18	M16	TSNA517G	TSNC517	75	2-15/16, 3	—	—	—
FSSNG518-615D	58	280	18	M16	TSNA518G	TSNC518	80	3-3/16	TSNA615G	65	2-3/16, 2-1/2
FSSNG519-616D	58	280	18	M16	TSNA519G	TSNC519	85	3-3/8	TSNA616G	70	2-11/16, 2-3/4
FSSNG520-617D	66	300	18	M16	TSNA520G	TSNC520	90	3-7/16, 3-1/2	TSNA617G	75	2-15/16, 3
FSSNG522-619D	74	320	18	M16	TSNA522G	TSNC522	100	3-15/16, 4	TSNA619G	85	3-3/8
FSSNG524-620D	74	330	18	M16	TSNA524G	TSNC524	110	4-3/16, 4-1/4	TSNA620G	90	3-7/16, 3-1/2
FSSNG526D	80	370	22	M20	TSNA526G	TSNC526	115	4-7/16, 4-1/2			
FSSNG528D	92	400	26	M24	TSNA528G	TSNC528	125	4-15/16, 5			
FSSNG530D	100	430	26	M24	TSNA530G	TSNC530	135	5-3/16, 5-1/4			
FSSNG532D	100	450	26	M24	TSNA532G	TSNC532	140	5-7/16, 5-1/2			

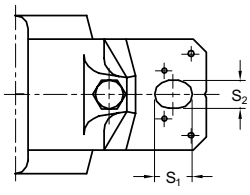
Note: The TSNG is an all rubber premium design seal and will accommodate a variety of shaft sizes - both inch and metric. 4-halves are required for 1 block and are included in each seal kit. The design allows seal replacement without removing the shaft.

Plummer Block Housings

SNG 600 Series (Formerly SNHF Series)



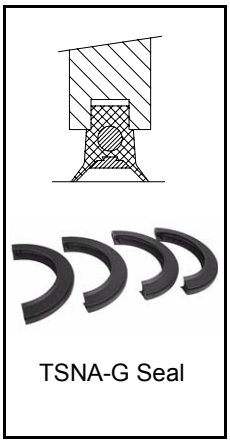


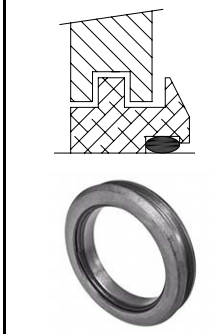


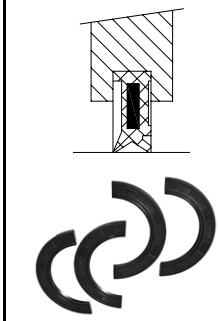
Industry Standard Metric Block Dimensions
Interchangeable with Competitive Units
Seal Options:
- TSNA-G Seal - Split Rubber
- TS-Seal - Aluminum with O-Ring (optional)
- U-Seal - Split Rubber Steel Reinforced (optional)
- TSNC - Split Steel and Felt Seal (optional)
- TAU - Taconite Seal (optional)

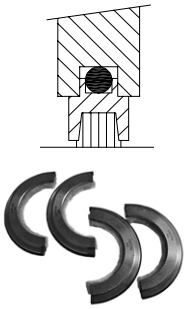
Housings: Cast Iron, Ductile (optional)
Adapter Mounted Ball or Spherical Bearing
End Covers and Taconite Seals Available
Interchanges with PTI's SNHF type
4-Bolt Base optional, see FSSNG-D Series (Ductile)

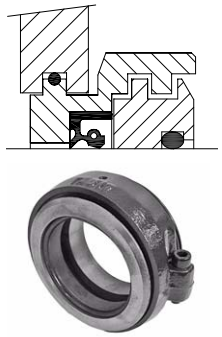
Seal Options


TSNA-G Seal


TS Alminum Seal (Optional)


U-Seal (Optional)


TSNC Seal (Optional)


Taconite Seal (Optional)

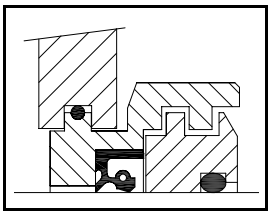
Housing Part No.	Dimensions (mm)															Wt. kg
	d_1	A	B	C	D	d_2	E	F	H	H_1	L	T	S	S_1	S_2	
SNG508-607	30	205	60	25	80	51.5	170	39	60	106	85	70	M12	15	20	2.8
SNG510-608	35	205	60	25	90	62	170	41	60	112	90	72	M12	15	20	3.1
SNG511-609	40	255	70	28	100	67	210	44	70	127	95	75	M16	18	23	4.5
SNG512-610	45	255	70	30	110	72	210	48	70	133	105	80	M16	18	23	5.0
SNG513-611	50	275	80	30	120	77	230	51	80	148	110	82	M16	18	24	6.1
SNG515-612	55	280	80	30	130	87	230	56	80	154	115	87	M16	18	26	6.5
SNG516-613	60	315	90	32	140	92.5	260	58	95	175	120	89	M20	22	29	9.0
SNG518-615	65	345	100	35	160	102.5	290	65	100	192	140	102	M20	22	27	12.4
SNG519-616	70	345	100	35	170	131	290	68	112	209	145	102	M20	22	27	13.5
SNG520-617	75	380	110	40	180	137.5	320	70	112	215	160	109	M24	26	32	17.5
SNG522-619	85	410	120	45	200	147.5	350	80	125	239	175	117	M24	26	32	20.5
SNG524-620	90	410	120	45	215	157.5	350	86	140	271	185	122	M24	26	32	25.5

Plummer Block Housing Accessories

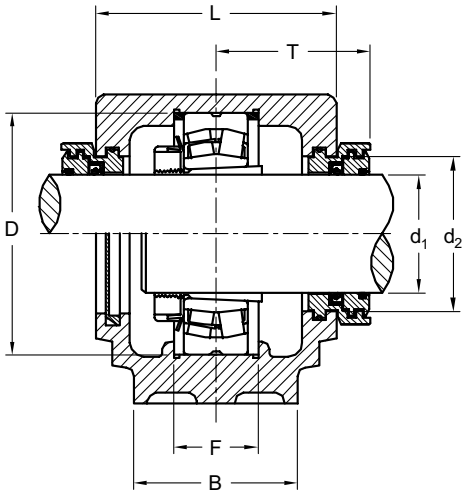
SNG 600 Series (Formerly SNHF Series)



TAC Seal



TAU Taconite Seal





End Cover

Housing Part No.	Bearing Options				Adapter Part No.	Fixing Rings		Seals					End Cover (optional)
	Ball Bearing		Spherical Bearings										
	Part No.	Basic Dynamic Load Rating C kN	Part No.	Basic Dynamic Load Rating C kN		Part No.	Qty.	TSNA Seal Part No. (standard)	TSNC Seal Part No. (optional)	TS Seal Part No. (optional)	U-Seal Part No. (optional)	TAU Taconite Seal Part No. (optional)	
SNG508-607	1307 K	25.0	—	—	H307	FR80/9	2	TSNA607G	TSNC607	U607TS	U607	—	EC 508A
	2307 K	39.0	—	—	H2307	FR80/8	1						
SNG510-608	1308 K	29.0	21308 K	82	H308	FR90/9	2	TSNA608G	TSNC608	U608TS	U608	TAU608	EC 510A
	2308 K	15.0	22308 K	112	H2308	FR90/8	1						
SNG511-609	1309 K	38.0	21309 K	100	H309	FR100/9.5	2	TSNA609G	TSNC609	U609TS	U609	TAU609	EC 511A
	2309 K	54.0	22309 K	135	H2309	FR100/8	1						
SNG512-610	1310 K	41.5	21310 K	120	H310	FR110/10.5	2	TSNA610G	TSNC610	U610TS	U610	TAU610	EC 512A
	2310 K	64.0	22310 K	175	H2310	FR110/8	1						
SNG513-611	1311 K	51.0	21311 K	138	H311	FR120/11	2	TSNA611G	TSNC611	U611TS	U611	TAU611	EC 513A
	2311 K	75.0	22311 K	195	H2311	FR120/8	1						
SNG515-612	1312 K	57.0	21312 K	161	H312	FR130/12.5	2	TSNA612G	TSNC612	U612TS	U612	TAU612	EC 515A
	2312 K	86.5	22312 K	230	H2312	FR130/10	1						
SNG516-613	1313 K	62.0	21313 K	184	H313	FR140/12.5	2	TSNA613G	TSNC613	U613TS	U613	TAU613	EC 516A
	2313 K	95.0	22313 K	250	H2313	FR140/10	1						
SNG518-615	1315 K	80.0	21315 K	235	H315	FR160/14	2	TSNA615G	TSNC615	U615TS	U615	TAU615	EC 518A
	2315 K	122.0	22315 K	340	H2315	FR160/10	1						
SNG519-616	1316 K	88.0	21316 K	258	H316	FR170/14.5	2	TSNA616G	TSNC616	U616TS	U616	TAU616	EC 519A
	2316 K	137.0	22316 K	370	H2316	FR170/10	1						
SNG520-617	1317 K	98.0	21317 K	290	H317	FR180/14.5	2	TSNA617G	TSNC617	U617TS	U617	TAU617	EC 520A
	2317 K	140.0	22317 K	420	H2317	FR180/10	1						
SNG522-619	1319 K	130.0	—	—	H319	FR200/17.5	2	TSNA619G	TSNC619	U619TS	U619	TAU619	EC 522A
	3219 K	160.0	22319 K	515	H2319	FR200/13	1						
SNG524-620	—	—	21320 K	385	H320	FR215/19.5	2	TSNA620G	TSNC620	U620TS	U620	TAU620	EC 524A
	2320 K	190.0	22320 K	600	H2320	FR215/13	1						

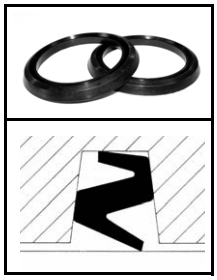
Note: Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates taper bore bearing. For example specify 22310 K C3W33. Other clearances available upon request.

Plummer Block Housings

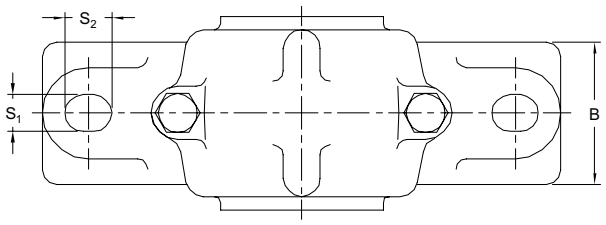
SN 500 Series
SSN 500 Series

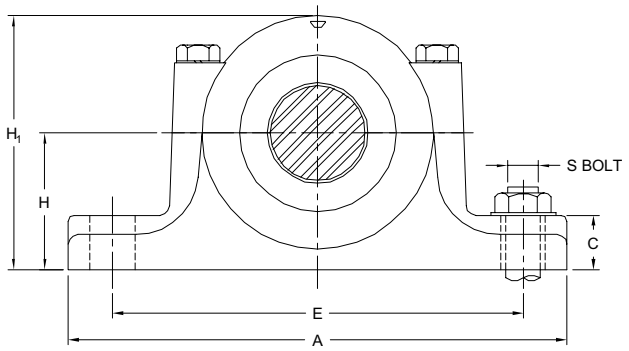
The SN Housing will accept the self-aligning ball or spherical roller bearing with adapter sleeves. The SN is designed according to DIN 736. Each size is supplied with standard felt seals and fixing rings. Double lip ZF seals are also stocked as an option. SN Housings are cast iron and SSN Housings are ductile. SSN blocks have solid feet (no bolt holes) and allow base bolt holes to be drilled per request. Dimensions are the same as basic size. Specify SSN, size and bolt hole needs. Drawing can be provided. Bearing and adapter sleeves sold separately.

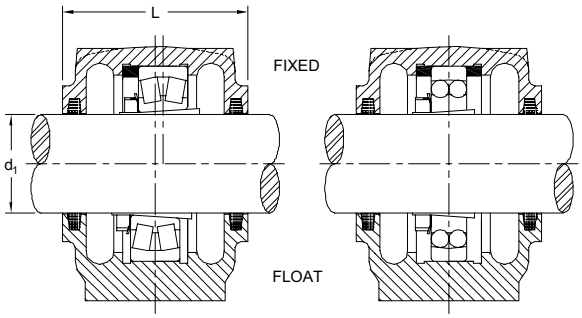




Optional ZF Rubber Seal







Dimensions in **mm**

SN Series Housing Part No.	SSN Series Housing Part No.	Shaft Size d_1	A	B	C	E	H	H_1	L	S	S_1	S_2	Wt. kg
SN 505	—	20	165	46	19	130	40	71	67	M 12	15	20	1.4
SN 506	—	25	185	52	22	150	50	87	77	M 12	15	20	1.9
SN 507	—	30	185	52	22	150	50	92	82	M 12	15	20	2.2
SN 508	SSN 508	35	205	60	25	170	60	106	85	M 12	15	20	2.9
SN 509	SSN 509	40	205	60	25	170	60	109	85	M 12	15	20	3.0
SN 510	SSN 510	45	205	60	25	170	60	112	90	M 12	15	20	3.2
SN 511	SSN 511	50	255	70	28	210	70	127	95	M 16	18	24	4.4
SN 512	SSN 512	55	255	70	30	210	70	133	105	M 16	18	24	5.1
SN 513	SSN 513	60	275	80	30	230	80	148	110	M 16	18	24	6.4
SN 515	SSN 515	65	280	80	30	230	80	154	115	M 16	18	24	7.1
SN 516	SSN 516	70	315	90	32	260	95	175	120	M 20	22	28	9.7
SN 517	SSN 517	75	320	90	32	260	95	181	125	M 20	22	28	10.3
SN 518	SSN 518	80	345	100	35	290	100	192	140	M 20	22	28	12.6
SN 519	—	85	345	100	35	290	112	209	145	M 20	22	28	14
SN 520	SSN 520	90	380	110	40	320	112	215	160	M 24	26	32	17
SN 522	SSN 522	100	410	120	45	350	125	239	175	M 24	26	32	22
SN 524	SSN 524	110	410	120	45	350	140	271	185	M 24	26	32	26
SN 526	SSN 526	115	445	130	50	380	150	290	190	M 24	28	35	32
SN 528	SSN 528	125	500	150	50	420	150	302	205	M 30	35	42	42
SN 530	SSN 530	135	530	160	60	450	160	323	220	M 30	35	42	51
SN 532	SSN 532	140	550	160	60	470	170	344	235	M 30	35	42	57

Plummer Block Housing Accessories

Bearings, Adapter Sleeves, Seal Kits and Fixing Rings

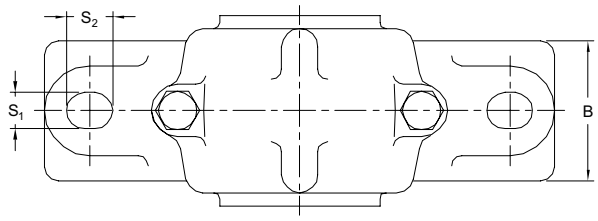
Shaft Size mm	Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Seal Kits		Fixing Rings		End Cover Part No.	Initial Grease Quantity g
					Felt Seals Standard (2 Required)	ZF Seals Optional (2 Required)	Part No.	Qty		
20	SN505 SSN505	1205 K 2205 K 22205 K	12 17 35	H 205 H 305 H 305	FS100 x 5 x 6	ZF05	FR 52 x 5 FR 52 x 7 FR 52 x 7	2 1 1	—	25
25	SN506 SSN506	1206 K 2206 K 22206 K	16 26 48	H 206 H 306 H 306	FS100 x 5 x 6	ZF06	FR 62 x 7 FR 62 x 10 FR 62 x 10	2 1 1	—	40
30	SN507 SSN507	1207 K 2207 K 22207 K	16 32 62	H 207 H 307 H 307	FS120 x 5 x 6	ZF07	FR 72 x 8 FR 72 x 10 FR 72 x 10	2 1 1	—	50
35	SN508 SSN508	1208 K 2208 K 22208 K	19 32 73	H 208 H 308 H 308	FS130 x 5 x 6	ZF08	FR 80 x 7.5 FR 80 x 10 FR 80 x 10	2 1 1	—	60
40	SN509 SSN509	1209 K 2209 K 22209 K	22 28 77	H 209 H 309 H 309	FS150 x 5 x 6	ZF09	FR 85 x 6 FR 85x x8 FR 85 x 8	2 1 1	—	65
45	SN510 SSN510	1210 K 2210 K 22210 K	23 28 84	H 210 H 310 H 310	FS165 x 5 x 6	ZF10	FR 90 x 6.5 FR 90 x 10 FR 90 x 10	2 1 1	EC 510	75
50	SN511 SSN511	1211 K 2211 K 22211 K	27 39 115	H 211 H 311 H 311	FS200 x 6.5 x 8	ZF11	FR 100 x 6 FR 100 x 8 FR 100 x 8	2 1 1	EC 511	100
55	SN512 SSN512	1212 K 2212 K 22212 K	30 48 122	H 212 H 312 H 312	FS200 x 6.5 x 8	ZF12	FR 110 x 8 FR 110 x 10 FR 110 x 10	2 1 1	—	150
60	SN513 SSN513	1213 K 2213 K 22213 K	31 57 148	H 213 H 313 H 313	FS210 x 6.5 x 8	ZF13	FR 120 x 10 FR 120 x 12 FR 120 x 12	2 1 1	EC 513	180
65	SN515 SSN515	1215 K 2215 K 22215 K	39 44 156	H 215 H 315 H 315	FS230 x 6.5 x 8	ZF15	FR 130 x 8 FR 130 x 10 FR 130 x 10	2 1 1	EC 515	230
70	SN516 SSN516	1216 K 2216 K 22216 K	40 51 175	H 216 H 316 H 316	FS260 x 7.5 x 9	ZF16	FR 140 x 8.5 FR 140 x 10 FR 140 x 10	2 1 1	EC 516	280
75	SN517 SSN517	1217 K 2217 K 22217 K	49 59 250	H 217 H 317 H 317	FS260 x 7.5 x 9	ZF17	FR 150 x 9 FR 150 x 10 FR 150 x 10	2 1 1	EC 517	330
80	SN518 SSN518	1218 K 2218 K 22218 K 23218 K	57 71 250 311	H 218 H 318 H 318 H 2318	FS150 x 7.5 x 9	ZF18	FR 160 x 16.5 FR 160 x 11.2 FR 160 x 11.2 FR 1601 x 10	2 2 2 1	EC 518	430
85	SN519 SSN519	1219 K 2219 K 22219 K	64 83 280	H 219 H 319 H 319	FS155 x 7.5 x 9	ZF19	FR 170 x 10.5 FR 170 x 10 FR 170 x 10	2 1 1	—	480
90	SN520 SSN520	1220 K 2220 K 22220 K 23220 K	70 98 310 410	H 220 H 320 H 320 H 2320	FS165 x 8.5 x 10	ZF20	FR 180 x 18.1 FR 180 x 12.1 FR 180 x 12.1 FR 180 x 10	2 2 2 1	EC 520	630
100	SN522 SSN522	1222 K 2222 K 22222 K 23222 K	88 124 405 510	H 222 H 322 H 322 H 2322	FS185 x 10 x 12	ZF22	FR 200 x 21 FR 200 x 13.5 FR 200 x 13.5 FR 200 x 10	2 2 2 1	EC 522	850
110	SN524 SSN524	22224 K 23224 K	465 605	H 3124 H 2324	FS200 x 10 x 12	ZF24	FR 215 x 14 FR 215 x 10	2 1	EC 524	1000
115	SN526 SSN526	22226 K 23226 K	545 680	H 3126 H 2326	FS210 x 10 x 12	ZF26	FR 230 x 13 FR 230 x 10	2 1	EC 526	1100
125	SN528 SSN528	22228 K 23228 K	605 790	H 3128 H 2328	FS230 x 10 x 12	ZF28	FR 250 x 15 FR 250 x 10	2 1	EC 528	1400
135	SN530 SSN530	22230 K 23230 K	730 930	H 3130 H 2330	FS245 x 10 x 12	ZF30	FR 270 x 16.5 FR 270 x 10	2 1	EC 530	1700
140	SN532 SSN532	22232 K 23232 K	860 1060	H 3132 H 2332	FS260 x 10 x 12	ZF32	FR 290 x 17 FR 290 x 10	2 1	EC 532	2000

Note: The SN Housing accepts Ball or Spherical Roller Bearings. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates taper bore bearing. For example specify 22220KC3W33.

Plummer Block Housings

SN 600 Series

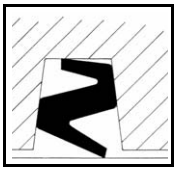
The SN Housing accept self-aligning ball or spherical roller bearing with adapter sleeve. They are designed according to DIN 736. Each is supplied with standard felt seals and fixing rings. Double lip ZF rubber type seals are also stocked as an option. Housings are cast iron. Bearings and adapter sleeves sold separately.

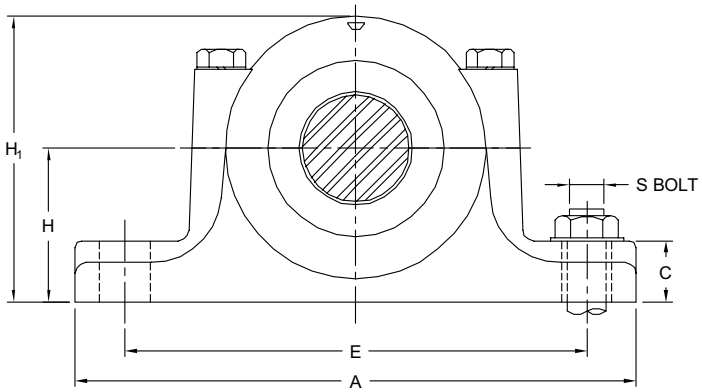


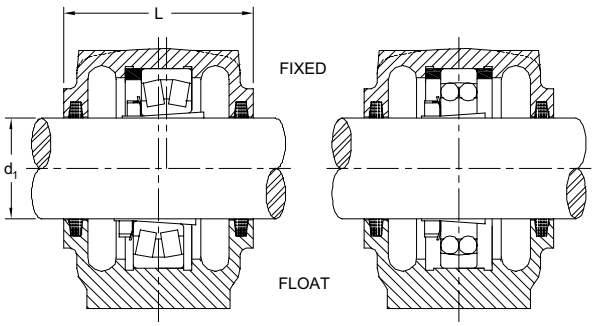




Optional ZF Rubber Seal







Dimensions in **mm**

Part No.	Shaft Size d_1	A	B	C	E	H	H_1	L	S	S_1	S_2	Wt. kg
SN 605	20	185	45	22	150	50	71	77	M 10	13	22	1.8
SN 606	25	185	45	22	150	50	92	82	M 10	13	20	2.0
SN 607	30	205	50	25	170	60	106	85	M 12	15	20	2.6
SN 608	35	205	50	25	170	60	112	90	M 12	15	20	3.0
SN 609	40	225	58	28	210	70	127	95	M 12	18	23	4.2
SN 610	45	255	60	30	210	70	133	105	M 16	18	23	4.8
SN 611	50	275	65	30	230	80	148	110	M 16	18	24	6.1
SN 612	55	280	65	30	230	80	154	115	M 16	18	26	6.5
SN 613	60	315	75	32	260	95	175	120	M 20	22	29	8.9
SN 615	65	345	85	35	290	100	192	140	M 20	22	27	13
SN 616	70	345	85	35	290	112	209	145	M 20	22	27	15
SN 617	75	380	95	40	320	112	215	160	M 24	26	32	17
SN 618	80	380	110	40	320	112	220	160	M 24	26	32	18
SN 619	85	410	100	45	350	125	239	175	M 24	26	32	19
SN 620	90	410	100	45	350	140	271	185	M 24	26	32	25
SN 622	100	450	115	50	390	150	295	190	M 24	28	35	35
SN 624	110	530	160	60	450	160	320	200	M 30	35	42	53
SN 626	115	550	160	60	470	170	340	210	M 30	35	42	62
SN 628	125	620	170	65	520	180	367	235	M 30	35	42	85
SN 630	135	650	180	65	560	190	385	245	M 30	35	42	96
SN 632	140	680	190	70	580	200	405	255	M 36	42	50	115

Plummer Block Housing Accessories

Bearings, Adapter Sleeves, Seal Kits and Fixing Rings

Shaft Size mm	Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Seal Kits - Part No.		Fixing Rings		Initial Grease Quantity g
					Felt Seals Standard (2 Required)	ZF Rubber Seals Optional (2 Required)	Size Part No.	Qty	
20	SN 605	1305 K 2305 K	18 24	H 305 H 2305	FS100 x 5 x 6	ZF 05	FR 62 x 8.5 FR 62 x 10	2 1	40
25	SN 606	1306 K 2306 K	21 31	H 306 H 2306	FS100 x 5 x 6	ZF 06	FR 72 x 9 FR 72 x 10	2 1	50
30	SN 607	1307 K 2307 K	25 39	H 307 H 2307	FS120 x 5 x 6	ZF 07	FR 80 x 10 FR 80 x 10	2 1	60
35	SN 608	1308 K 2308 K 22308 K	29 45 112	H 308 H 2308 H 2308	FS130 x 5 x 6	ZF 08	FR 90 x 10 FR 90 x 10 FR 90 x 10	2 1 1	75
40	SN 609	1309 K 2309 K 22309 K	38 54 135	H 309 H 2309 H 2309	FS150 x 5 x 6	ZF 09	FR 100 x 10.5 FR 100 x 10 FR 100 x 10	2 1 1	100
45	SN 610	1310 K 2310 K 22310 K	41 64 175	H 310 H 2310 H 2310	FS165 x 5 x 6	ZF 10	FR 110 x 11.5 FR 110 x 10 FR 110x x10	2 1 1	150
50	SN 611	1311 K 2311 K 22311 K	51 75 195	H 311 H 2311 H 2311	FS200 x 6.5 x 8	ZF 11	FR 120 x 12 FR 120 x 10 FR 120 x 10	2 1 1	180
55	SN 612	1312 K 2312 K 22312 K	57 86 230	H 312 H 2312 H 2312	FS200 x 6.5 x 8	ZF 12	FR 130 x 12.5 FR 130 x 10 FR 130 x 10	2 1 1	230
60	SN 613	1313 K 2313 K 22313 K	62 95 250	H 313 H 2313 H 2313	FS210 x 6.5 x 8	ZF 13	FR 140 x 12.5 FR 140 x 10 FR 140 x 10	2 1 1	280
65	SN 615	1315 K 2315 K 22315 K	80 122 340	H 315 H 2315 H 2315	FS230 x 6.5 x 8	ZF 15	FR 160 x 14 FR 160 x 10 FR 160 x 10	2 1 1	430
70	SN 616	1316 K 2316 K 22316 K	88 137 370	H 316 H 2316 H 2316	FS260 x 7.5 x 9	ZF 16	FR 170 x 14.5 FR 170 x 10 FR 170 x 10	2 1 1	480
75	SN 617	1317 K 2317 K 22317 K	98 140 420	H 317 H 2317 H 2317	FS260 x 7.5 x 9	ZF 17	FR 180 x 14.5 FR 180 x 10 FR 180 x 10	2 1 1	630
80	SN 618	1318 K 2318 K 22318 K	108 153 475	H 318 H 2318 H 2318	FS150 x 7.5 x 9	ZF 18	FR 190 x 15.5 FR 190 x 10 FR 190 x 10	2 1 1	750
85	SN 619	1319 K 2319 K 20319 K 22319 K	133 165 317 515	H 319 H 2319 H 319 H 2319	FS155 x 7.5 x 9	ZF 19	FR 200 x 16 FR 200 x 10 FR 200 x 16 FR 200 x 10	2 1 2 1	850
90	SN 620	1320 K 2320 K 20320 K 22320 K	143 190 336 600	H 320 H 2320 H 320 H 2320	FS 165 x 8.5 x 10	ZF 20	FR 215 x 18 FR 215 x 10 FR 215 x 18 FR 215 x 10	2 1 2 1	1000
100	SN 622	20322 K 22322 K	400 720	H 322 H 2322	FS 185 x 10 x 12	ZF 22	FR 240 x 20 FR 240 x 10	2 1	1100
110	SN 624	20324 K 22324 K	466 840	H 3124 H 2324	FS 200 x 10 x 12	ZF 24	FR 260 x 20.5 FR 260 x 10	2 1	1300
115	SN 626	20326 K 22326 K	528 970	H 3126 H 2326	FS 210 x 10 x 12	ZF 26	FR 280 x 22.5 FR 280 x 10	2 1	1600
125	SN 628	20328 K 22328 K	616 1120	H 3128 H 2328	FS 230 x 10 x 12	ZF 28	FR 300 x 25 FR 300 x 10	2 1	2000
135	SN 630	20330 K 22330 K	686 1250	H 3130 H 2330	FS 245 x 10 x 12	ZF 30	FR 320 x 26.5 FR 320 x 10	2 1	2200
140	SN 632	20332 K 22332 K	760 1375	H 3132 H 2332	FS 260 x 10 x 12	ZF 32	FR 340 x 28 FR 340 x 10	2 1	2400

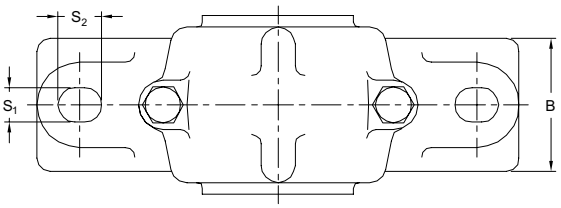
Note: The SN Housing accepts Ball or Spherical Roller Bearings. Typical suffix to the bearing part number is C3W33 where C3 is the internal clearance and W33 indicates a lube groove on the bearing O.D. K indicates taper bore bearing. For example specify 22311KC3W33. 213 Series Bearing also possible for above housings with H300 Series Adapter.

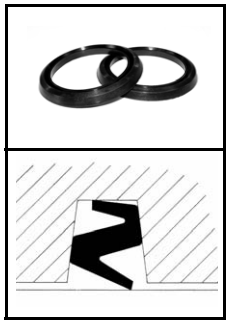
Plummer Block Housings

SN 200 Series

The SN Housings are an industry standard and are designed according to DIN 738. Each housing includes felt seals. V-ring Buna ZF Seals are also stocked as an option. See ZF option on next page. Fixing rings are furnished with the housing. Identify bearing choice when ordering for appropriate quantity of fixing rings.

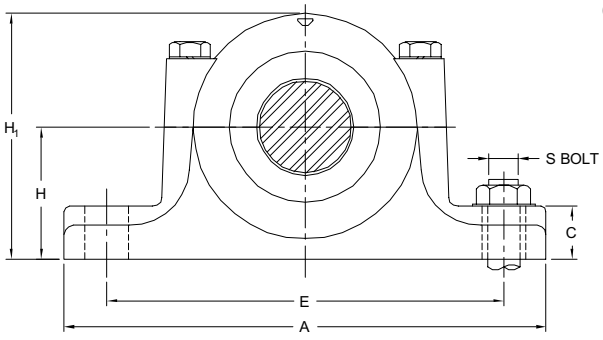
Fixing ring removal creates an expansion bearing. SSN series blocks allow base bolt holes drilled per need. They are also available on request and have same basic dimensions for size listed. Specify SSN, size and bolt hole needs. **Note: Spacer sleeve if required for d_2 seal to be supplied by user.**

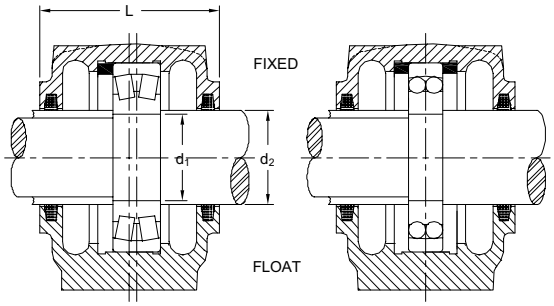




Optional ZF Rubber Seal







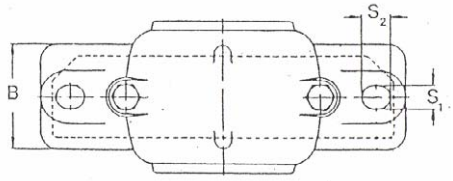
Dimensions in **mm**

Part No.	d_1	d_2	H	H_1	L	A	B	C	E	S_1	S_2	S	Weight kg
SN 205	25	30	40	71	67	165	42	19	130	13	20	M 10	1.2
SN 206	30	35	50	87	77	185	45	22	150	13	22	M 10	1.8
SN 207	35	45	50	92	82	185	45	22	150	13	20	M 10	2.0
SN 208	40	50	60	106	85	205	50	25	170	15	20	M 12	2.5
SN 209	45	55	60	109	85	205	50	25	170	15	20	M 12	2.9
SN 210	50	60	60	112	90	205	50	25	170	15	20	M 12	3.0
SN 211	55	65	70	127	95	255	58	28	210	18	23	M 16	4.2
SN 212	60	70	70	133	105	255	60	30	210	18	23	M 16	4.8
SN 213	65	75	80	148	110	275	65	30	230	18	24	M 16	6.1
SN 214	70	80	80	150	115	275	80	30	230	18	23	M 16	6.5
SN 215	75	85	80	154	120	280	65	32	230	22	29	M 16	8.8
SN 216	80	90	95	181	125	320	75	32	260	22	30	M 20	10.0
SN 217	85	95	95	192	140	345	85	35	260	22	27	M 20	12.5
SN 218	90	100	100	209	145	345	85	35	290	22	27	M 20	14.5
SN 219	95	110	112	210	140	345	100	35	290	22	27	M 20	15.0
SN 220	100	115	112	215	160	380	95	40	320	26	32	M 24	16.5
SN 222	110	125	125	239	175	410	100	45	350	26	32	M 24	18.5
SN 224	120	135	140	271	185	410	100	45	350	26	32	M 24	24.5
SN 226	130	145	150	290	190	445	110	50	380	28	35	M 24	33.5
SN 228	140	155	150	302	205	500	130	50	420	35	42	M 30	43.5
SN 230	150	165	160	323	220	530	140	60	450	35	42	M 30	51.5
SN 232	160	175	170	344	235	550	140	60	470	35	42	M 30	57.5

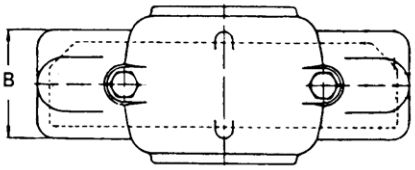
Plummer Block Housing Accessories

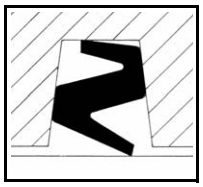
Bearings, Seal Kits and Fixing Rings

SN Series



SSN Series





ZF Seal Option

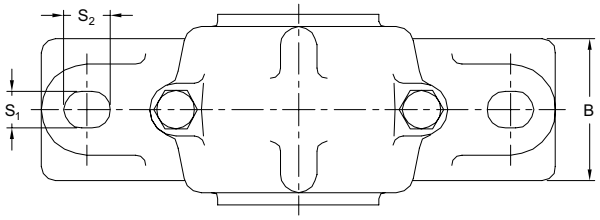
Shaft Size d_2 mm	Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Seal Kits		Fixing Rings	
				Felt Seals Standard (2 Required)	ZF Rubber Seals Optional (2 Required)	Size	Qty
30	SN 205	1205 2205 22205	12 17 35	FS120 x 5 x 6	ZF07	FR 52 x 5 FR 52 x 7 FR 52 x 7	2 1 1
35	SN 206	1206 2206 22206	16 26 48	FS130 x 5 x 6	ZF08	FR 62 x 7 FR 62 x 10 FR 62 x 10	2 1 1
45	SN 207	1207 2207 22207	16 32 62	FS165 x 5 x 6	ZF10	FR 72 x 8 FR 72 x 10 FR 72 x 10	2 1 1
50	SN 208	1208 2208 22208	19 32 73	FS200 x 6.5 x 8	ZF11	FR 80 x 7.5 FR 80 x 10 FR 80 x 10	2 1 1
55	SN 209	1209 2209 22209	22 28 77	FS200 x 6.5 x 6	ZF12	FR 85 x 6 FR 85 x 8 FR 85 x 8	2 1 1
60	SN 210	1210 2210 22210	23 28 84	FS210 x 6.5 x 8	ZF13	FR 90 x 6.5 FR 90 x 10 FR 90 x 10	2 1 1
65	SN 211	1211 2211 22211	27 39 115	FS230 x 6.5 x 8	ZF15	FR 100 x 6 FR 100 x 8 FR 100 x 8	2 1 1
70	SN 212	1212 2212 22212	30 48 122	FS260 x 7.5 x 9	ZF16	FR 110 x 8 FR 110 x 10 FR 110 x 10	2 1 1
75	SN 213	1213 2213 22213	31 57 148	FS260 x 7.5 x 9	ZF17	FR 120 x 10 FR 120 x 12 FR 120 x 12	2 1 1
80	SN 214	1214 2214 22214	34.5 44 148	FS150 x 7.5 x 9	ZF18	FR 125 x 10 FR 125 x 13 FR 125 x 13	2 1 1
85	SN 215	1215 2215 22215	39 44 156	FS155 x 7.5 x 9	ZF19	FR 130 x 8 FR 130 x 10 FR 130 x 10	2 1 1
90	SN 216	1216 2216 22216	40 51 175	FS165 x 8.5 x 10	ZF20	FR 140 x 8.5 FR 140 x 10 FR 140 x 10	2 1 1
95	SN 217	1217 2217 22217	49 59 250	FS175 x 8.5 x 10	ZF21	FR 150 x 9 FR 150 x 10 FR 150 x 10	2 1 1
100	SN 218	1218 2218 22218 23218	57 71 250 311	FS185 x 10 x 12	ZF22	FR 160 x 16.2 FR 160 x 11.2 FR 160 x 11.2 FR 160 x 10	2 2 2 1
110	SN 219	22219	280	FS210 x 10 x 12	ZF24	FR 170 x 10.5	2
115	SN 220	1220 2220 22220 23220	70 98 310 410	FS210 x 10 x 12	ZF26	FR 180 x 18.1 FR 180 x 12.1 FR 180 x 12.1 FR 180 x 10	2 2 2 1
125	SN 222	1222 2222 22222 23222	88 124 405 510	FS230 x 10 x 12	ZF28	FR 200 x 21 FR 200 x 13.5 FR 200 x 13.5 FR 200 x 10	2 2 2 1
135	SN 224	22224 23224	465 605	FS245 x 10 x 12	ZF30	FR 215 x 14 FR 215 x 10	2 1
145	SN 226	22226 23226	545 680	FS265 x 10 x 12	ZF33	FR 230 x 13 FR 230 x 10	2 1
155	SN 228	22228 23228	605 790	FS280 x 10 x 12	ZF35	FR 250 x 15 FR 250 x 10	2 1
165	SN 230	22230 23230	730 930	FS300 x 10 x 12	ZF37	FR 270 x 16.5 FR 270 x 10	2 1
175	SN 232	22232 23232	860 1060	FS300 x 10 x 12	ZF39	FR 290 x 17 FR 290 x 10	2 1

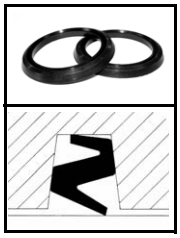
Note: Optional ZF seal fits Shaft Size d_2. Optional lockwasher and lock nut also available.

Plummer Block Housings

SN 300 Series

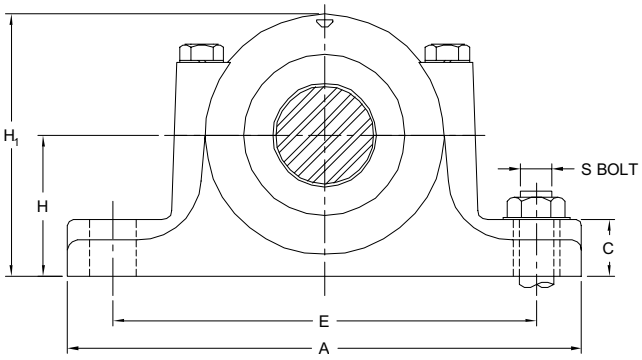
The SN Housings are fully interchangeable and are designed according to DIN 739. Each housing includes felt seals. V-ring Buna seals are also stocked as an option. See ZF type option next page. Fixing rings are furnished with the housing. Identify bearing choice when ordering for appropriate quantity of fixing rings. Fixing ring removal creates expansion bearing. **Note: Spacer sleeve for d_2 seal to be supplied by user.**

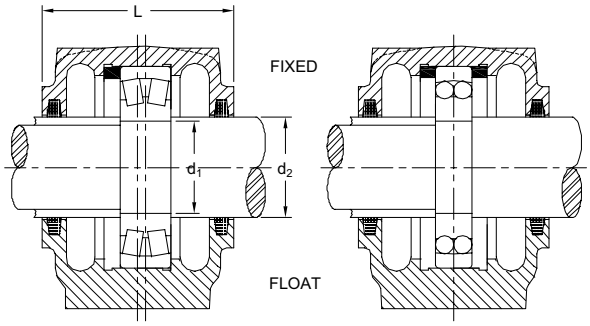




Optional ZF Rubber Seal







Dimensions in **mm**

Part No.	d_1	d_2	H	H_1	L	A	B	C	E	S_1	S_2	S	Weight kg
SN305	25	30	50	90	77	185	45	22	150	13	22	M 10	1.8
SN306	30	35	50	92	82	185	45	22	150	13	20	M 10	2.0
SN307	35	45	60	106	85	205	50	25	170	15	20	M 12	2.6
SN308	40	50	60	112	90	205	50	25	170	15	20	M 12	3.0
SN309	45	55	70	127	95	255	58	28	210	18	23	M 12	4.2
SN310	50	60	70	133	105	255	60	30	210	18	23	M 16	4.8
SN311	55	65	80	148	110	275	65	30	230	18	24	M 16	6.1
SN312	60	70	80	154	115	280	65	30	230	18	26	M 16	6.5
SN313	65	75	95	175	120	315	75	32	260	22	29	M 20	8.9
SN314	70	80	95	185	130	320	90	32	260	22	31	M 20	10.0
SN315	75	85	100	192	140	345	85	35	290	22	27	M 20	12.5
SN316	80	90	112	209	145	345	85	35	290	22	27	M 20	14.5
SN317	85	95	112	215	160	380	95	40	320	26	32	M 24	16.5
SN318	90	105	112	220	160	380	110	40	320	26	32	M 24	18.0
SN319	95	110	125	239	175	410	100	45	350	26	32	M 24	18.5
SN320	100	115	140	271	185	410	100	45	350	26	32	M 24	24.5
SN322	110	125	150	295	190	450	115	50	390	28	35	M 24	34.5
SN324	120	135	160	320	200	530	160	60	450	35	42	M 30	51.9
SN326	130	150	170	340	210	550	160	60	470	35	42	M 30	60.5
SN328	140	160	180	367	235	620	170	65	520	35	42	M 30	82.0
SN330	150	170	190	385	245	650	180	65	560	35	42	M 30	92.0
SN332	160	180	200	405	255	680	190	70	580	42	50	M 36	112.0

Plummer Block Housing Accessories

Bearings, Seal Kits and Fixing Rings

Shaft Size d_2 mm	Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Seal Kits		Fixing Rings	
				Felt Seals Standard (2 Required)	ZF Rubber Seals Optional (2 Required)	Size	Qty
30	SN 305	1305 2305 21305	18 24 41	FS120 x 5 x 6	ZF07	FR 62 x 9 FR 62 x 10 FR 62 x 9	2 1 2
35	SN 306	1306 2306 21306	21 31 55	FS130 x 5 x 6	ZF08	FR 72 x 8.5 FR 72 x 10 FR 72 x 8.5	2 1 2
45	SN 307	1307 2307 21307	25 39 65	FS165 x 5 x 6	ZF10	FR 80 x 10 FR 80 x 10 FR 80 x 10	2 1 2
50	SN 308	1308 2308 21308 22308	29 45 82 112	FS200 x 6.5 x 8	ZF11	FR 90 x 10 FR 90 x 10 FR 90 x 10 FR 90 x 10	2 1 2 1
55	SN 309	1309 2309 21309 22309	38 54 100 135	FS200 x 6.5 x 6	ZF12	FR 100 x 10.5 FR 100 x 10 FR 100 x 10.5 FR 100 x 10	2 1 2 1
60	SN 310	1310 2310 21310 22310	41 64 120 175	FS210 x 6.5 x 8	ZF13	FR 110 x 11.5 FR 110 x 10 FR 110 x 11.5 FR 100 x 10	2 1 2 1
65	SN 311	1311 2311 21311 22311	51 75 138 195	FS230 x 6.5 x 8	ZF15	FR 120 x 12 FR 120 x 10 FR 120 x 12 FR 120 x 10	2 1 2 2
70	SN 312	1312 2312 21312 22312	57 86 160 230	FS260 x 7.5 x 9	ZF16	FR 130 x 12.5 FR 130 x 10 FR 130 x 12.5 FR 130 x 10	2 1 2 1
75	SN 313	1313 2313 21313 22313	62 95 184 250	FS260 x 7.5 x 9	ZF17	FR 140 x 12.5 FR 140 x 10 FR 140 x 12.5 FR 140 x 10	2 1 2 1
80	SN 314	1314 2314 21314 22314	75 110 207 310	FS150 x 7.5 x 9	ZF18	FR 150 x 13 FR 150 x 10 FR 150 x 13 FR 150 x 10	2 1 2 1
85	SN 315	1315 2315 21315 22315	80 122 235 340	FS155 x 7.5 x 9	ZF19	FR 160 x 14 FR 160 x 10 FR 160 x 14 FR 160 x 10	2 1 2 1
90	SN 316	1316 2316 21316 22316	88 137 258 370	FS165 x 8.5 x 10	ZF20	FR 170 x 14.5 FR 170 x 10 FR 170 x 14.5 FR 170 x 10	2 1 2 1
95	SN 317	1317 2317 21317 22317	98 140 292 420	FS175 x 8.5 x 10	ZF21	FR 180 x 14.5 FR 180 x 10 FR 180 x 14.5 FR 180 x 10	2 1 2 1
105	SN 318	1318 2318 21318 22318	108 153 320 475	FS185 x 10 x 12	-	FR 190 x 15.5 FR 190 x 10 FR 190 x 15.5 FR 190 x 10	2 1 2 1
110	SN 319	1319 2319 21319 22319	133 165 350 515	FS210 x 10 x 12	ZF24	FR 200 x 16 FR 200 x 10 FR 200 x 16 FR 200 x 10	2 1 2 1
115	SN 320	1320 2320 21320 22320	143 190 385 600	FS210 x 10 x 12	ZF26	FR 215 x 18 FR 215 x 10 FR 215 x 18 FR 215 x 10	2 1 2 1
125	SN 322	20322 21322 22322	400 460 720	FS230 x 10 x 12	ZF28	FR 240 x 20 FR 240 x 20 FR 240 x 10	2 2 1
135	SN 324	20324 22324	466 840	FS230 x 10 x 12	ZF30	FR 260 x 20.5 FR 260 x 10	2 1
150	SN 326	20326 22326	528 970	FS260 x 10 x 12	ZF34	FR 280 x 22.5 FR 280 x 10	2 1
160	SN 328	20328 22328	616 1120	FS265 x 10 x 12	ZF36	FR 300 x 25 FR 300 x 10	2 1
170	SN 330	20330 22330	686 1250	FS280 x 10 x 12	ZF38	FR 320 x 26.5 FR 320 x 10	2 1
180	SN 332	20332 22332	760 1375	FS300 x 10 x 12	ZF40	FR 340 x 28 FR 340 x 10	2 1

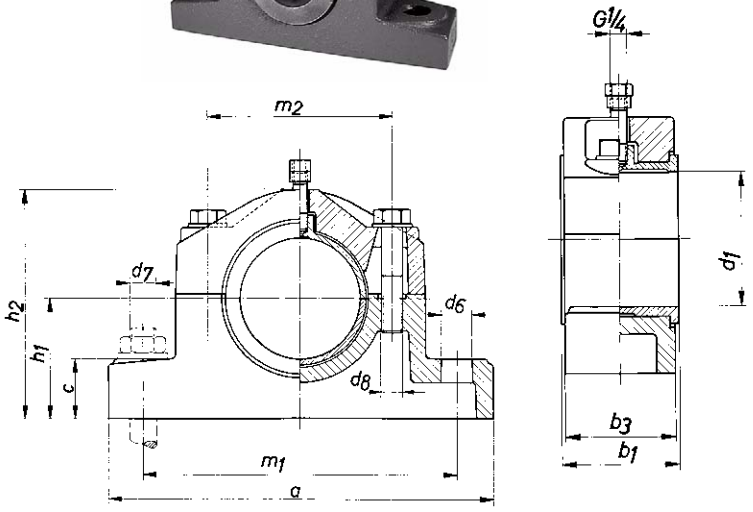
Bronze Journal Bearings

DIN 505 Series



DIN 505 Bronze bearings are designed for applications in lumber, steel, chemical, waste treatment and food industries. They will operate at sliding speeds up to 1.5 m/sec (300 ft/min). Housings are cast iron, journals are bronze. These bearings are suitable for high temperature applications: standard greases to approximately 110°C (230°F), synthetic or solid lubricants to approximately 450°C (840°F). Lube is channeled into the unloaded zone of the bearing cap through a groove. Other journal types on request, see other types below. Allowable loading: up to 450 N/cm^2 and sliding loads up to 250 (N·m)/(cm^2·s) where:

N = bearing load (Newtons)
s = seconds
cm = surface area (centimeters)
m = meters

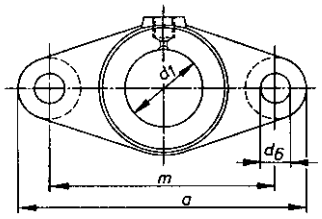


Part No.	Shaft d_1	a	b_1	b_3	c	d_6	d_7	d_8	h_1	h_2	m_1	m_2	Wt. kg
DIN505-25	25	165	45	40	22	15	M12	M10	40	78	125	65	1.6
DIN505-30	30												
DIN505-35	35	180	50	45	25	15	M12	M10	50	95	140	75	2.3
DIN505-40	40												
DIN505-45	45	210	55	50	30	19	M16	M12	60	114	160	90	3.3
DIN505-50	50												
DIN505-55	55	225	60	55	35	19	M16	M12	70	132	175	100	4.4
DIN505-60	60												
DIN505-70	70	270	65	60	40	24	M20	M16	80	154	210	120	7.1
DIN505-80	80	290	75	70	45	24	M20	M16	90	170	230	130	10.2
DIN505-90	90	330	85	80	50	28	M24	M20	100	188	265	150	13.4
DIN505-100	100	355	95	90	55	28	M24	M20	110	210	290	170	19.0
DIN505-110	110												
DIN505-125	125	420	110	100	60	35	M30	M24	130	250	340	200	29.2
DIN505-140	140	440	125	120	65	35	M30	M24	150	280	360	220	39.0

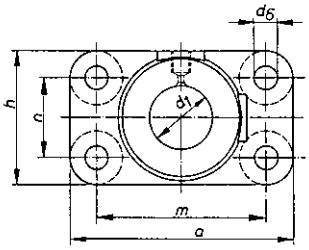
Dimensions in **mm**.

Other DIN 500 Series Units

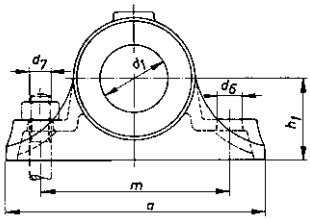
(Request Dimension Sheets)



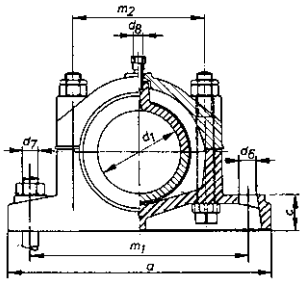
DIN 502



DIN 503



DIN 504

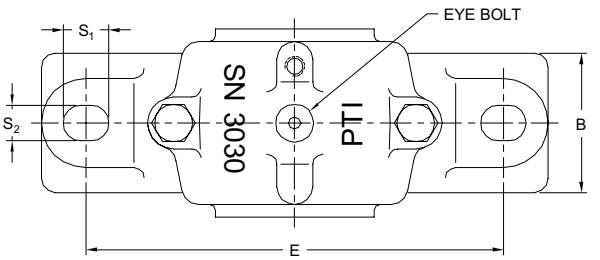


DIN 506

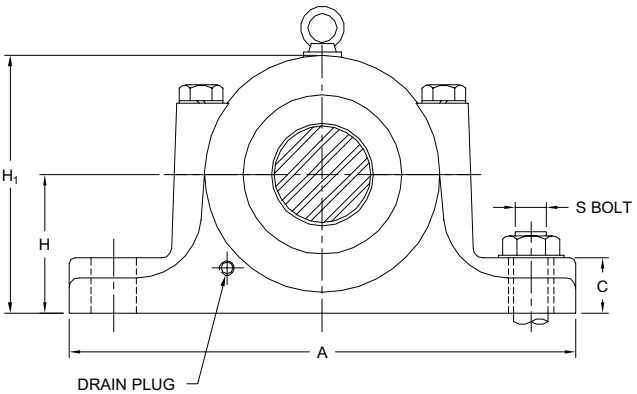
Plummer Block Housings

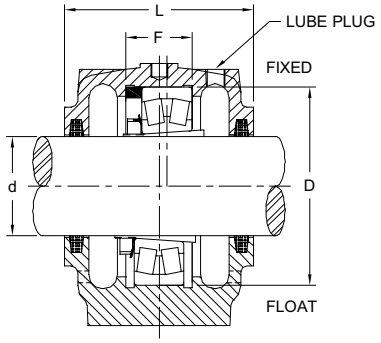
S 3000K Series

The S 3000 K Series is a heavy duty metric block which uses the 230 Bearing Series. Cast iron blocks include Felt Seals and Fixing Rings. Adapters and Bearings sold separately.









Housing Part No.	Dimensions (mm)													Wt. kg
	d	A	B	C	D	E	F	H	H_1	L	S	S_1	S_2	
S3024K	110	390	110	40	180	320	56	112	215	150	M 24	30	36	17
S3026K	115	420	120	45	200	350	62	125	239	160	M 24	30	36	20
S3028K	125	420	120	45	210	350	63	140	259	170	M 24	30	36	25
S3030K	135	460	130	45	225	380	66	150	278	175	M 24	30	36	29
S3032K	140	470	130	50	240	390	70	150	288	190	M 24	30	36	37
S3034K	150	540	160	55	260	450	77	160	365	200	M 30	36	48	45
S3036K	160	560	160	55	280	470	84	170	385	210	M 30	36	48	65
S3038K	170	560	160	55	290	470	85	170	405	210	M 30	36	48	67
S3040K	180	615	170	60	310	515	92	180	425	235	M 30	36	48	72
S3044K	200	690	190	70	340	580	100	200	460	255	M 36	42	50	98
S3048K	220	720	200	75	360	610	102	210	495	265	M 36	42	50	110
S3052K	240	820	220	80	400	680	114	240	547	285	M 45	52	70	148
S3056K	260	860	230	80	420	720	116	250	567	295	M 45	52	70	165

Housing Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Adapter Sleeves Part No.	Fixing Rings		Felt Seals		End Cover Part No.	Initial Grease Quantity g
				Part No.	Qty	Part No.	Qty		
S3024K	23024KC3W33	300	H3024	FR 180/10	1	10 x 8.5 x 195	4	DK 128	0.50
S3026K	23026KC3W33	370	H3026	FR 200/10	1	10 x 8.5 x 200	4	DK 133	0.80
S3028K	23028KC3W33	395	H3028	FR 210/10	1	14 x 11 x 225	4	DK 151	0.90
S3030K	23030KC3W33	435	H3030	FR 225/10	1	14 x11 x 240	4	DK 161	1.10
S3032K	23032KC3W33	500	H3032	FR 240/10	1	14 x 11 x 250	4	DK 166	1.20
S3034K	23034KC3W33	620	H3034	FR 260/10	1	16 x 12 x 270	4	DK 180	1.50
S3036K	23036KC3W33	720	H3036	FR 280/10	1	16 x 12 x 285	4	DK 190	1.70
S3038K	23038KC3W33	750	H3038	FR 290/10	1	16 x 12 x 300	4	DK 200	1.90
S3040K	23040KC3W33	875	H3040	FR 310/10	1	16 x 12 x 315	4	DK 210	2.20
S3044K	23044KC3W33	1040	H3044	FR 340/10	1	16 x 12 x 350	4	DK 230	2.90
S3048K	23048KC3W33	1125	H3048	FR 360/10	1	16 x 12 x 380	4	DK 250	4.00
S3052K	23052KC3W33	1400	H3052	FR 400/10	1	16 x 12 x 410	4	DK 270	4.50
S3056K	23056KC3W33	1500	H3056	FR 420/10	1	16 x 12 x 445	4	DK 290	5.20

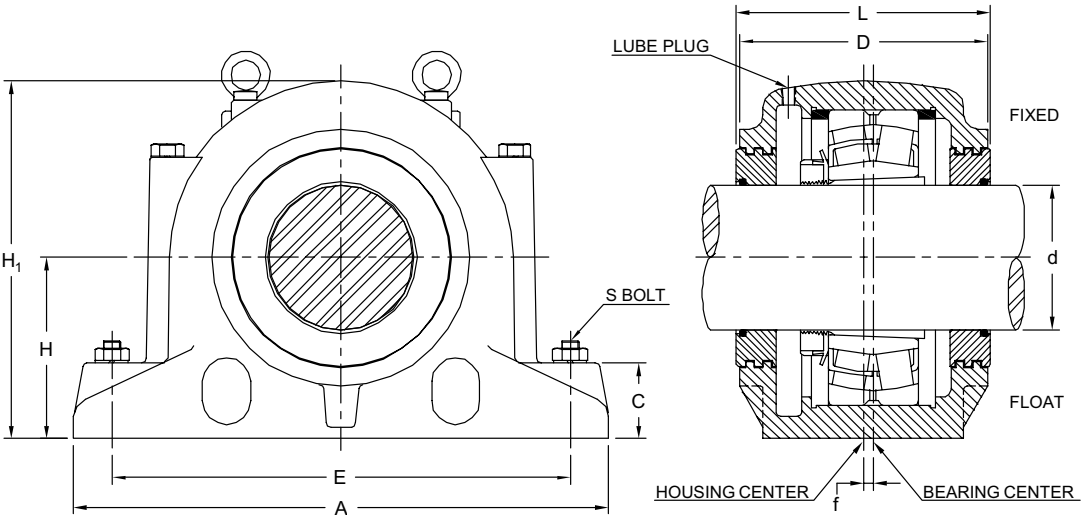
Plummer Block Housings

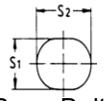
SD 3100 TS Series

The SD 3100 Series is an extra heavy duty housing that uses an adapter mounted bearing. The unit includes fixing rings and labyrinth seal rings. Standard housing is cast iron. Ductile and steel housings are also stocked, end covers on request.

SD 3000 & SD 3200 Series available on request.







Base Bolt Hole

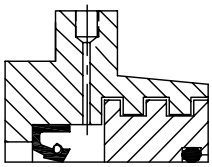
Dimensions in **mm**

Housing Part No.	d	A	b	C	D	e	E	f	H	H_1	L	S	S_1	S_2	T	x	Wt. kg
SD 3134TS	150	510	180	70	230	100	430	14	170	335	240	M24	28	34	154	65	65
SD 3136TS	160	530	190	75	240	110	450	15	180	355	250	M24	28	34	159	68	75
SD 3138TS	170	560	210	80	260	120	480	10	190	375	270	M24	28	34	168	80	95
SD 3140TS	180	610	230	85	280	130	510	10	210	410	290	M30	35	42	178	82	120
SD 3144TS	200	640	240	90	290	140	540	12	220	435	300	M30	35	42	184	90	135
SD 3148TS	220	700	260	95	310	150	600	12	240	475	320	M30	35	42	194	100	180
SD 3152TS	240	770	280	100	320	160	650	13	260	515	330	M36	42	50	200	105	215
SD 3156TS	260	790	280	105	320	160	670	16	280	550	330	M36	42	50	200	105	250
SD 3160TS	280	830	310	110	350	190	710	22	300	590	360	M36	42	50	213	110	300
SD 3164TS	300	880	330	115	370	200	750	23	320	630	380	M36	42	50	224	120	330
SD 3168 NTS	320	950	360	120	400	220	810	24	340	675	410	M36	42	50	—	155	380
SD 3172 NTS	340	1000	360	120	400	220	840	30	350	695	410	M36	42	50	—	160	420
SD 3176 NTS	360	1040	360	120	400	220	870	30	360	715	410	M36	42	50	247	165	490
SD 3180 NTS	380	1120	390	125	430	240	950	30	380	755	440	M42	50	70	—	170	570
SD 3184 NTS	400	1170	420	130	460	260	1000	35	410	810	470	M42	50	70	—	190	610

Housing Part No.	d	A	b	C	D	e	E	f	H	H_1	L	S	S_1	S_2	T	x	Wt. kg
SD 3168TS	320	965	380	120	390	240	840	25	340	670	400	M45	54	72	244	135	430
SD 3172TS	340	1040	390	130	390	255	890	22	360	720	400	M50	60	80	249	145	560
SD 3176TS	360	1120	400	135	405	255	980	22	380	950	415	M55	68	90	260	145	770
SD 3180TS	380	1245	420	140	425	270	1050	22	400	790	435	M60	76	96	272	150	870

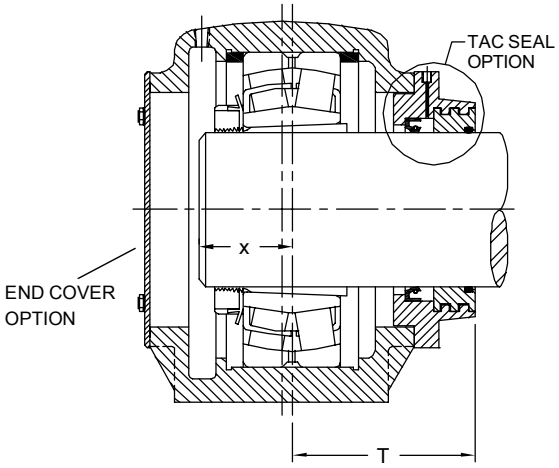
Plummer Block Housings

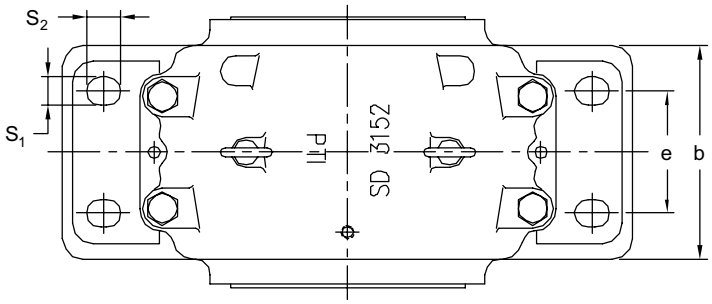
SD 3100 TS Series



TAC SEAL OPTION







Size Part No.	Labyrinth Seals Part No.	Bearings Part No.	Sleeves Part No.	Basic Dynamic Load Rating C kN	Fixing Rings		O Ring Dia. x Length	Grease Qty. First Application in kg
					Part No.	Qty.		
SD 3134TS	TS 34	23134 K	H3134	890	FR 280/10	2	4 x 530	1.8
SD 3136TS	TS 36	23136 K	H3136	1040	FR 300/10	2	4 x 560	2.2
SD 3138TS	TS 38	23138 K	H3138	1200	FR 320/10	2	4 x 590	2.9
SD 3140TS	TS 40	23140 K	H3140	1350	FR 340/10	2	4 x 620	3.8
SD 3144TS	TS 44	23144 K	H3144	1550	FR 370/10	2	4 x 680	4.4
SD 3148TS	TS 48	23148 K	H3148	1750	FR 400/10	2	4 x 750	5.5
SD 3152TS	TS 52	23152 K	H3152	2200	FR 440/10	2	4 x 810	7.0
SD 3156TS	TS 56	23156 K	H3156	2250	FR 460/10	2	4 x 870	7.4
SD 3160TS	TS 60	23160 K	H3160	2800	FR 500/10	2	4 x 940	10.5
SD 3164TS	TS 64	23164 K	H3164	3200	FR 540/10	2	4 x 1000	13.0
SD 3168 NTS	TS 68	23168 K	H3168	3600	FR 580/10	2	4 x 1100	20.0
SD 3172 NTS	TS 72	23172 K	H3172	3750	FR 600/10	2	4 x 1100	20.0
SD 3176 NTS	TS 76	23176 K	H3176	3900	FR 620/10	2	4 x 1200	25.0
SD 3180 NTS	TS 80	23180 K	H3180	4200	FR 650/10	2	4 x 1200	25.0
SD 3184 NTS	TS 84	23184 K	H3184	5200	FR 700/10	2	4 x 1300	35.0

Size Part No.	Labyrinth Seals Part No.	Bearings Part No.	Sleeves Part No.	Basic Dynamic Load Rating C kN	Fixing Rings		O Ring Dia. x Length	Grease Qty. First Application in kg
					Part No.	Qty.		
SD 3168TS	TS 68	23168 K	H3168	3600	FR 580/10	2	4 x 1100	20.0
SD 3172TS	TS 72	23172 K	H3172	3750	FR 600/10	2	4 x 1100	20.0
SD 3176TS	TS 76	23176 K	H3176	3900	FR 620/10	2	4 x 1200	25.0
SD 3180TS	TS 80	23180 K	H3140	4200	FR 650/10	2	4 x 1200	25.0

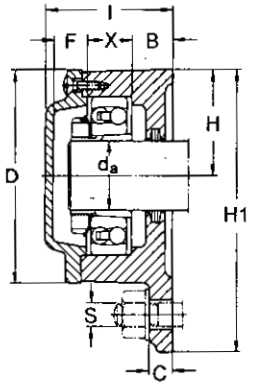
Flanged Housings

722500 Series - 3 Bolt Triangular

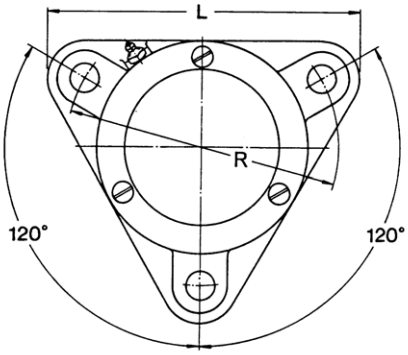
For 1200, 2200 & 222 Series Bearings

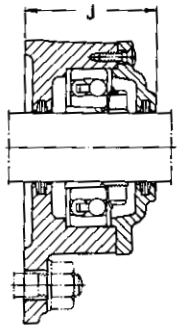
These Flanged Housings accommodate 1220, 2200 series Ball and 222 series Spherical Bearings. Type A housings are closed one end, and Type B are open on both ends. Both are supplied with seals and fixing rings. For expansion units omit the fixing ring. Specify Type A or B when ordering. Units are normal stock.





Type A - Closed End





Type B - Open End

Part No. Closed End	Part No. Open End	Bore	Dimensions (mm)												Wt.
		d_a	B	C	D	F	H	H_1	I	J	L	R	S	X	kg
722505DA	722505DB	20	15	10	75	12.5	38.0	100	51.5	56.5	110	96	10	20	1.1
722506DA	722506DB	25	16	12	86	15.0	44.0	117	57.0	59.5	130	116	10	22	1.5
722507DA	722507DB	30	16	12	97	14.5	48.5	130	59.5	63.5	145	130	12	25	1.8
722508DA	722508DB	35	17	12	108	18.0	54.0	143	64.0	65.5	160	140	12	25	2.3
722509DA	722509DB	40	19	12	113	16.5	60.0	160	64.5	69.5	180	160	12	25	3.0
722510DA	722510DB	45	22	15	118	17.5	60.0	160	68.5	73.0	180	160	12	25	3.5
722511DA	722511DB	50	24	15	128	19.5	65.0	172	75.5	81.5	192	170	12	27	4.1
722512DA	722512DB	55	23	15	142	19.0	72.0	189	77.0	82.0	210	180	12	30	4.8
722513DA	722513DB	60	22	15	152	20.0	78.0	203	80.0	86.0	225	190	12	33	5.9

Bearings, Sleeves and Accessories

Size Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Fixing Ring Part No.	Seals Part No.
	1205K	12.2	H205	FR5 x 52	
722505D	2205K	17.0	H305	ZW42 x 52	FS120
	22205K	35.0	H305	ZW42 x 52	
	1206K	15.6	H206	FR6 x 62	
722506D	2206K	25.5	H306	ZW50 x 62	FS120
	22206K	48.0	H306	ZW50 x 62	
	1207K	16.0	H207	FR8 x 72	
722507D	2207K	32.0	H307	ZW65 x 72	FS130
	22207K	67.0	H307	ZW65 x 72	
	1208K	19.3	H208	FR7 x 80	
722508D	2208K	31.5	H308	ZW70 x 80	FS130
	22208K	73.0	H308	ZW70 x 80	
	1209K	22.0	H209	FR6 x 85	
722509D	2209K	28.0	H309	ZW75 x 85	FS150
	22209K	77.0	H309	ZW75 x 85	

Size Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Fixing Ring Part No.	Seals Part No.
	1210K	22.8	H210	FR5 x 90	
722510D	2210K	28.0	H310	ZW80 x 90	FS165
	22210K	84.0	H310	ZW80 x 90	
	1211K	27.0	H211	FR6 x 100	
722511D	2211K	39.0	H311	ZW85 x 100	FS200
	22211K	115.0	H311	ZW85 x 100	
	1212K	30.0	H212	FR8 x 110	
722512D	2212K	47.5	H312	ZW90 x 110	FS200
	22212K	122.0	H312	ZW90 x 110	
	1213K	31.0	H213	FR10 x 120	
722513D	2213K	57.0	H313	ZW100 x 120	FS210
	22213K	148.0	H313	ZW100 x 120	

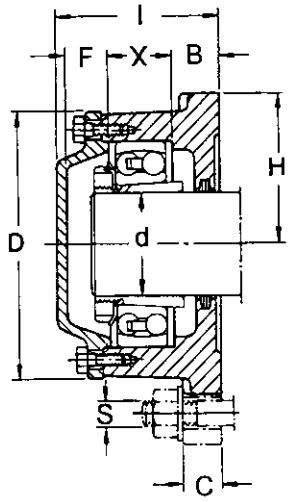
Flanged Housings

722500 Series - 4 Bolt Flange

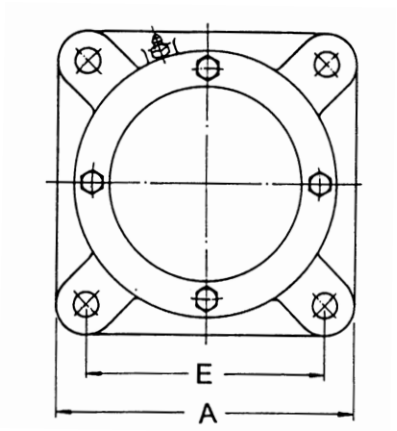
For 1200, 2200, & 222 Series Bearings

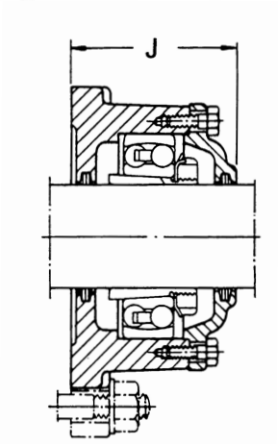
These 722500 Series Flange Housings utilize self aligning Ball or Spherical Roller Bearings. Type A housings are closed end, Type B are open on both ends. Seals and fixing rings are included. For expansion units omit the fixing ring. Specify Type A or B when ordering. Units are normal stock.





Type A - Closed End





Type B - Open End

Part No. Closed End	Part No. Open End	Bore	Dimensions (mm)											Wt.
		d	A	B	C	D	E	F	H	I	J	S	X	kg
722515A	722515B	65	190	30	25	168	152	27	95	104	104	16	41	9.4
722516A	722516B	70	196	31	25	176	152	30	98	110	110	16	43	10.0
722517A	722517B	75	210	31	25	188	170	30	105	114	114	16	46	11.5
722518A	722518B	80	210	30	25	198	170	31	105	118	118	16	50	12.5
722520A	722520B	90	250	30	30	224	198	33	125	127	127	20	56	18.0
722522A	722522B	100	270	30	30	246	219	38	135	137	137	20	63	22.0

Bearings, Sleeves and Accessories

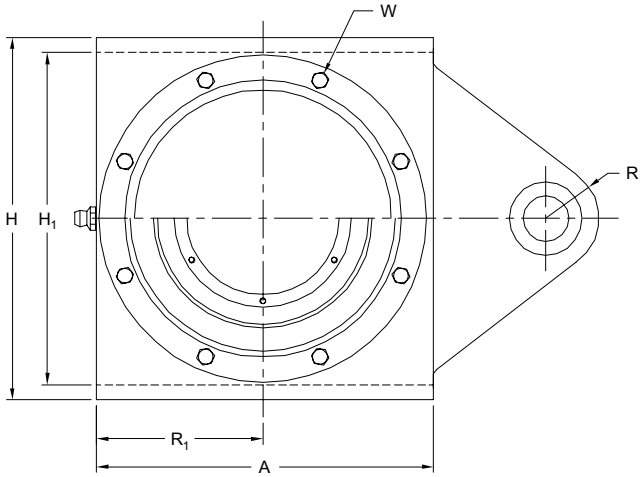
Size Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Fixing Ring		Seals Part No.
				Qty	Part No.	
	1215K	39.0	H215	2	FR 8 x 130	
722515	2215K	44.0	H315	1	FR 10 x 130	FS260
	22215K	156.0	H315	1	FR 10 x 130	
	1216K	40.0	H216	2	FR 8.5 x 10	
722516	2216K	51.0	H316	1	FR 10 x 140	FS330
	22216K	175.0	H316	1	FR 10 x 140	
	1217K	48.0	H217	2	FR 9 x 150	
722517	2217K	58.5	H317	1	FR 10 x 150	FS330
	22217K	210.0	H317	1	FR 10 x 150	

Size Part No.	Bearing Part No.	Basic Dynamic Rating C kN	Sleeve Part No.	Fixing Ring		Seals Part No.
				Qty	Part No.	
	1218K	57.0	H218	2	FR 10 x 160	
722518	2218K	71.0	H318	1	FR 10 x 160	FS350
	22218K	250.0	H318	1	FR 10 x 160	
722520	1220K	69.5	H220	1 1	FR 10 x 180 and FR 12 x 180	FS370
	2220K	98.0	H320	1	FR 10 x 180	
	22220K	310.0	H320	1	FR 10 x 180	
	1222K	88.0	H222	2	FR 12.5 x 200	
722522	2222K	124.0	H322	1	FR 10 x 200	FS460
	22222K	405.0	H322	1	FR 10 x 200	

HSPA Take-Up Units

HSPA Take-Up Units mount on customer supplied frames. When used in pairs, they provide adjustment for conveyor systems. Housings can be provided with bearing and adapter. Custom units are also possible.



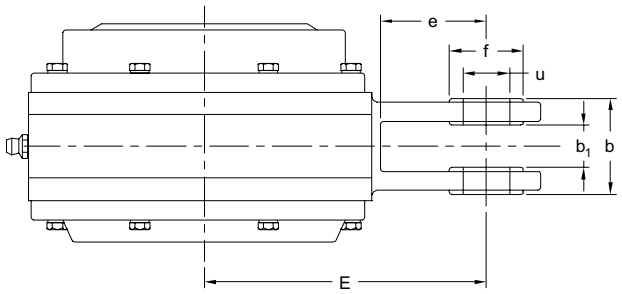


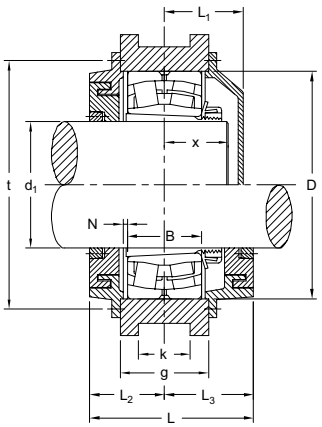
Dimensions in **mm**

Part No.	Shaft d_1	A	R_1	H	H_1	E	e	f	u	b	b_1	L	L_1	L_2	L_3	g	k
HSPA2211 K	50	150	75	150	135	105	30	60	20	42	22	109	35	49	60	50	34
HSPA2212 K	55	165	82.5	165	150	120	37	60	25	50	26	120	40	54	66	60	43
HSPA2213 K	60	160	80	180	155	145	65	60	30	66	30	135	53	62	73	78	53
HSPA2216 K	70	180	90	200	175	155	65	60	30	66	30	145	58	67	78	78	53
HSPA2218 K	80	210	105	230	200	170	65	60	30	66	30	168	63	78	90	78	53
HSPA2220K	90	235	117.5	250	220	185	67	65	35	70	36	170	65	80	90	69	40
HSPA2222K	100	255	125	270	240	200	70	70	40	76	40	199	68	94	105	78	53
HSPA2224K	110	275	135	290	260	210	70	70	40	76	40	180	69	85	95	78	53
HSPA2226K	115	295	147.5	310	290	220	70	70	40	76	40	194	78	87	110	82	53
HSPA2228K	125	315	155	330	300	230	70	70	40	76	40	226	78	113	113	83	53
HSPA3028K	125	260	130	300	270	225	90	90	50	150	60	156	68	68	88	70	45
HSPA3030K	135	280	140	320	290	235	90	90	50	150	60	194	82	82	112	85	45
HSPA3132K	140	370	185	370	340	350	160	100	61	132	62	229	108	108	121	116	65
HSPA3034K	150	325	162.5	360	330	260	90	90	50	150	60	201	88	88	113	102	65
HSPA3134K	150	375	187.5	400	370	395	180	100	60	132	62	249	113	113	136	120	65
HSPA2236K	160	420	210	440	410	380	170	140	80	135	65	255	95	120	135	114	60
HSPA3036K	160	350	175	390	360	275	90	90	50	150	60	201	88	88	113	110	65
HSPA3136K	160	400	200	440	410	360	158	140	80	135	65	248	105	113	135	120	60
HSPA3236K	160	420	210	450	410	300	90	140	80	140	70	285	110	135	150	140	93
HSPA3038K	170	375	180	440	400	290	90	90	50	150	60	211	88	93	118	105	65
HSPA3040K	180	390	200	430	400	275	85	120	70	125	62	240	108	107	133	125	83
HSPA3140K	180	420	210	440	410	360	140	100	60	140	70	270	115	120	150	140	100
HSPA3044K	200	430	210	480	440	325	100	100	60	200	70	241	103	103	138	120	65
HSPA3144K	200	470	235	510	480	530	260	140	100	144	74	276	128	128	148	150	65
HSPA3148K	220	520	260	540	500	515	250	250	100	215	123	328	129	149	179	152	65
HSPA3052K	240	500	245	540	500	515	250	250	100	215	123	261	113	113	148	135	65
HSPA3152K	240	550	275	570	540	565	270	250	100	225	135	336	140.5	150.5	185.5	175	80
HSPA3252K	240	596	298	610	570	615	300	240	100	240	173	375	157.5	167.5	207.5	205	103
HSPA3156K	260	600	300	610	570	615	300	200	100	240	173	351	148	158	193	175	103
HSPA3160K	280	630	315	650	610	650	310	200	100	270	170	385	155	170	215	190	130
HSPA2260K	280	660	330	680	640	630	280	200	105	220	150	370	160.5	174.5	195.5	177	80
HSPA3260K	280	680	340	690	650	680	310	260	100	270	190	404	187	182	222	230	115
HSPA3164K	300	680	340	700	660	680	340	240	110	300	180	395	192	180	215	210	140
HSPA3168K	320	740	370	740	700	720	310	240	120	300	180	445	200	200	245	220	150
HSPA3268K	320	735	385	740	700	750	310	240	110	300	213	475	238	203	272	265	123
HSPA3272K	340	800	400	830	790	765	310	280	130	330	213	509	222	227	282	275	123
HSPA3176K	360	750	375	790	740	750	320	230	110	300	200	459	202	202	257	230	120
HSPA3276K	360	810	405	820	780	780	305	240	110	300	213	529	257	232	297	295	123

Note: Housing can be supplied as fixed (F) or floating (L). Housing also supplied for thru shafts (B) or closed (A). Specify at the time of order. Material = Cast Steel

HSPA Take-Up Units





Dimensions in **mm**

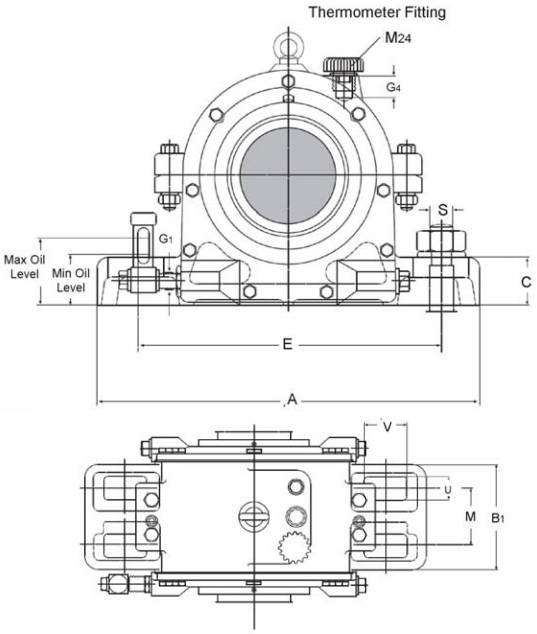
Part No.		Basic Dynamic Load Rating C kN	Bearing Dimensions		Cover Plate			Mounting Dimensions			Housing Weight kg
Bearing	Sleeve		D	B	W	t	Qty	X	N	R	
22211K	H311	115	100	25	M 8	115	12	27	2	30	9.5
22212K	H312	122	110	28	M 8	125	12	30	2	35	10
22213K	H313	148	120	31	M 8	135	16	35	2	40	12
22216K	H316	175	140	33	M 8	155	16	40	2	40	17
22218K	H318	250	160	40	M 8	180	16	45	2	40	24
22220K	H320	310	180	46	M 8	205	12	46	2.5	40	27
22222K	H322	405	200	53	M 8	220	16	55	2.5	45	29
22224K	H3124	465	215	58	M 8	240	16	58	2.5	45	30
22226K	H3126	545	230	64	M 12	260	12	61	3	45	38
22228K	H3128	605	250	68	M 10	275	16	65	3	45	43
23028K	H3028	395	210	53	M 10	235	16	55	3	70	50
23030K	H3030	435	225	56	M 12	250	16	60	2	70	60
23132K	H3132	840	270	86	M 12	300	16	78	3	90	125
23034K	OH3034	620	260	67	M 12	285	16	68	2	70	105
23134K	OH3134	890	280	88	M 12	330	16	80	3	90	180
22236K	OH3136	1000	320	86	M 16	360	16	80	3	100	230
23036K	OH3036	720	280	74	M 12	310	16	72	3	70	132
23038K	OH3038	750	290	75	M 16	325	16	72	3	70	135
23040K	OH3040	875	310	82	M 16	340	16	78	3	80	160
23140K	OH3140	1350	340	112	M 16	380	16	95	2	80	175
23044K	OH3044	1040	340	90	M 16	375	16	80	3	80	185
23144K	OH3144	1550	370	120	M 16	410	16	95	4	120	265
23148K	OH3148	1750	400	128	M 20	455	16	110	4	150	310
23052K	OH3052	1400	400	104	M 16	440	16	94	4	150	240
23152K	OH3152	2200	440	144	M 24	490	16	115	4	150	330
23252K	OH2352	2760	480	174	M 20	535	16	130	3	150	420
23156K	OH3156	2250	460	146	M 24	510	16	120	4	150	360
23160K	OH3160	2800	500	160	M 24	550	16	130	4	150	440
22260K	OH3160	1890	540	140	M 20	600	16	120	4	170	530
23260K	OH3260	3450	540	192	M 24	600	16	145	4	180	625
23164K	OH3164	3200	540	176	M 24	590	16	135	4	180	580
23168K	OH3168	3600	580	190	M 24	630	16	160	4	200	640
23268K	OH3268	4450	620	224	M 24	680	16	210	5	200	650
23272K	OH3272	4850	650	232	M 24	890	16	190	5	225	890
23176K	OH3176	3900	620	194	M 24	700	16	170	5	200	720
23276K	OH3276	5200	680	240	M 30	730	16	220	5	200	910

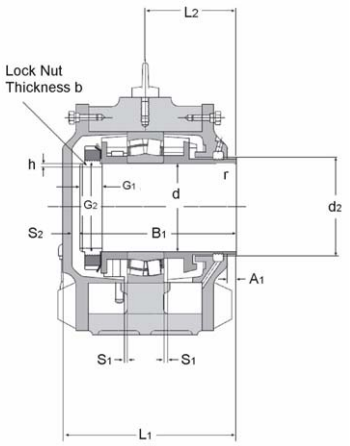
Plummer Block Housings

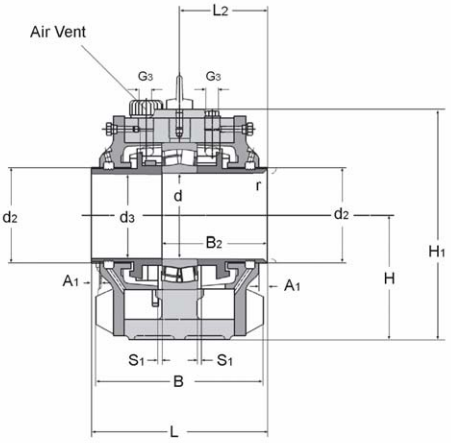
HFO 200 Series - Oil Lubrication



The HFO/HFOE housings are suitable for high speeds and / or temperatures. These housings include Oil Splash Rings for assisting lubrication of the bearing in high speed applications, such as fans. Housings are Cast Iron. Ductile housings are also available on request. Labyrinth seals are standard and housing can be supplied with open or closed ends. Air vents and oil level gauges are included with each housing. Circulating oil provisions can also be included on request. Adapter mount units for straight shafts are also available.







Part No.	d	A	B	B_1	B_2	C	d_2	d_3	E	H	H_1	L	L_1	M	S	S_1	U	V	Wt. kg
HFO 217	85	330	182	110	105	35	96	83	260	125	230	180	165	60	M20	5	24	40	33
HFO 218	90	360	190	120	112	45	100	88	290	135	245	190	170	70	M20	5	24	40	42
HFO 219	95	360	210	120	118	40	105	93	290	140	255	200	184	80	M20	5	24	40	45
HFO 220	100	400	205	130	123	50	110	98	320	145	270	206	186	75	M24	5	28	45	55
HFO 222	110	420	216	145	138	50	120	108	347	160	290	229	203	75	M24	5	28	45	70
HFO 224	120	420	245	170	164	55	135	118	347	170	315	276	240	90	M24	8	28	45	95
HFO 226	130	450	260	180	164	60	145	128	377	180	335	270	240	100	M24	8	28	45	100
HFO 228	140	500	265	180	170	65	160	138	415	190	355	280	250	100	M30	8	35	45	125
HFO 230	150	540	265	190	173	65	170	148	450	200	375	280	250	115	M30	8	35	50	140
HFO 232	160	560	280	205	193	65	178	158	470	215	405	316	280	120	M30	10	35	50	165

Part No.	Part Code	A1	G1	G3	GA	G4	h	L2	r	Bearing Part No.	Basic Dynamic Load Rating C kN	Locknut Part No.	Lock-washer Part No.	Oil Quantity in Liters
HFO 217	GOS 217	7.5	R 1/2	R 3/8	M85 x 2	27	4	90	1.6	22217	210	KM 17	MB 17	0.7
HFO 218	GOS 218	10		R 3/8	M90 x 2	27	4	95	1.6	22218	250	KM 18	MB 18	0.8
HFO 219	GOS 219	8		R 3/8	M95 x 2	27	4	100	1.6	22219	280	KM 19	MB 19	0.9
HFO 220	GOS 220	10		R 1/2	M100 x 2	27	4	103	1.6	22220	310	KM 20	MB 20	1.0
HFO 222	GOS 222	13		R 1/2	M110 x 2	27	5	114.5	1.6	22222	405	KM 22	MB 22	1.5
HFO 224	GOS 224	18		R 1/2	M120 x 2	27	6	138	1.6	22224	465	KM 24	MB 24	1.9
HFO 226	GOS 226	15		R 1/2	M130 x 2	32	6	135	2.5	22226	545	KM 26	MB 26	2.5
HFO 228	GOS 228	15		R 3/4	M140 x 2	33	6	140	2.5	22228	605	KM 28	MB 28	2.7
HFO 230	GOS 230	15		R 3/4	M150 x 2	44	6	140	2.5	22230	730	KM 30	MB 30	3.0
HFO 232	GOS 232	18		R 3/4	M160 x 3	38	7	158	2.5	22232	860	KM 32	MB 32	3.3

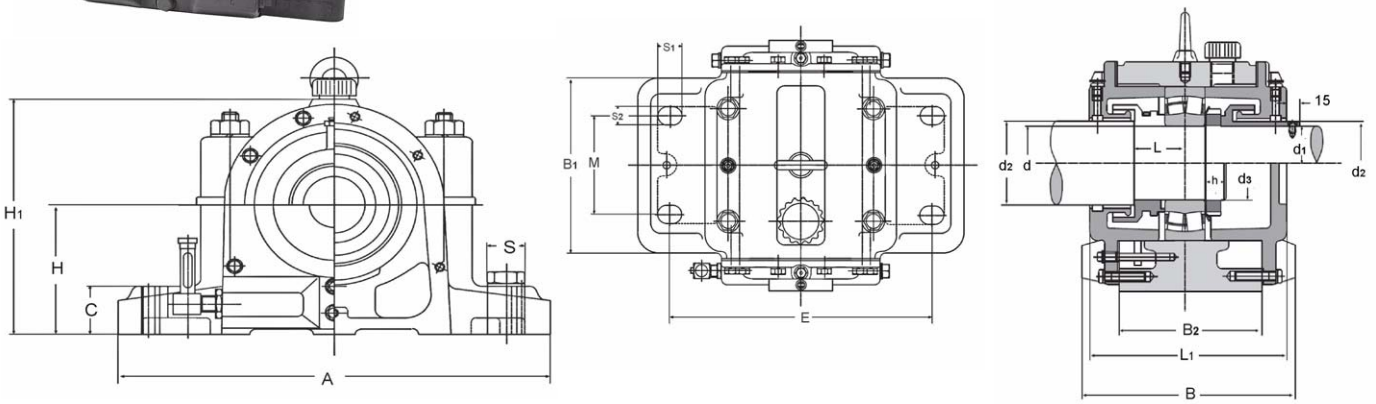
Dimensions in **mm**

Plummer Block Housings

HFOE 200 Series - Oil Lubrication



The HFO/HFOE housings are suitable for high speeds and/or high temperatures. These housings include Oil Splash Rings for assisting lubrication of the bearing in high speed applications such as fans. Housings are Cast Iron. Ductile housings are also available on request. Labyrinth seals are standard and housings can be supplied with open or closed ends. Air vents and oil level gauges are included with each housing. Circulating oil provisions can also be included on request. Adapter mount units for straight shafts are also available.



Part No.	d	A	B	B_1	B_2	C	d_1	d_2	d_3	E	G	H	H_1	L	L_1	M	S	S_1	S_2	Wt. kg
HFOE 217	85	410	225	150	160	48	82	90	M 85x2	340	235	135	250	61.5	19	80	M 20	25	35	45
HFOE 218	90	410	225	150	160	48	87	95	M 90x2	340	235	135	250	61	20	80	M 20	25	35	50
HFOE 219	95	490	250	160	170	50	92	100	M 92x2	400	260	150	275	67	20	80	M 24	30	45	62
HFOE 220	100	490	250	160	170	50	97	110	M 100x2	400	265	150	280	60	22	80	M 24	30	45	68
HFOE 222	110	510	250	165	175	50	107	116	M 110x2	420	265	165	305	70	22	80	M 24	30	45	75
HFOE 224	120	550	250	165	175	55	117	126	M 120x2	440	265	175	325	72	23	80	M 30	36	50	80
HFOE 226	130	570	260	175	185	65	127	136	M 130x2	460	275	190	350	77	24	90	M 30	36	50	90
HFOE 228	140	570	260	175	180	65	137	150	M 140x2	460	275	190	365	73	24	100	M 30	36	50	100
HFOE 230	150	660	275	190	200	70	147	156	M 150x2	530	290	220	400	82	27	100	M 36	42	60	120
HFOE 232	160	660	290	200	210	70	155	170	M 160x3	530	305	220	410	80	30	110	M 36	42	60	135
HFOE 234	170	710	300	200	210	85	165	176	M 170x3	580	315	260	465	90	30	110	M 36	42	60	160
HFOE 236	180	710	300	200	210	85	175	190	M 180x3	580	315	260	465	90	32	110	M 36	42	60	165
HFOE 238	190	820	350	240	250	90	185	196	M 190x3	670	365	270	485	95	32	130	M 42	48	70	240
HFOE 240	200	830	360	240	260	90	195	210	M 200x3	670	375	280	510	100	34	130	M 42	48	70	250
HFOE 244	220	880	380	240	280	105	212	230	Tr220x4	720	395	310	565	108	36	130	M 42	48	70	310

Size Part No.	Part Code	Bearing Part No.	Basic Dynamic Load Rating C kN	Locknut Part No.	Lockwasher Part No.	Oil Quantity in Liters
HFOE 217	GOF 217	22217	210	KM 17	MB 17	1.2
HFOE 218	GOF 218	22218	250	KM 18	MB 18	1.3
HFOE 219	GOF 219	22219	280	KM 19	MB 19	1.4
HFOE 220	GOF 220	22220	310	KM 20	MB 20	1.5
HFOE 222	GOF 222	22222	405	KM 22	MB 22	1.9
HFOE 224	GOF 224	22224	465	KM 24	MB 24	2.1
HFOE 226	GOF 226	22226	545	KM 26	MB 26	2.1
HFOE 228	GOF 228	22228	605	KM 28	MB 28	3.5
HFOE 230	GOF 230	22230	730	KM 30	MB 30	4.0
HFOE 232	GOF 232	22232	860	KM 32	MB 32	4.0
HFOE 234	GOF 234	22234	975	KM 34	MB 34	5.7
HFOE 236	GOF 236	22236	1000	KM 36	MB 36	5.7
HFOE 238	GOF 238	22238	1100	KM 38	MB 38	7.0
HFOE 240	GOF 240	22240	1250	KM 40	MB 40	8.0
HFOE 244	GOF 244	22244	1500	KM 44	MB 44	10.0

Dimensions in **mm**

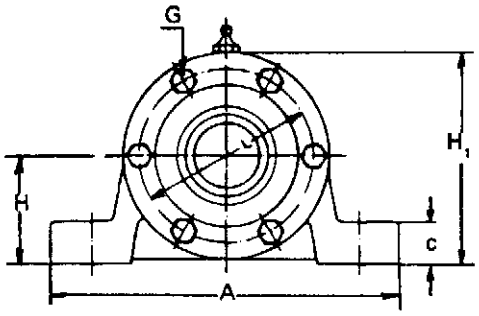
Double Bearing Housings

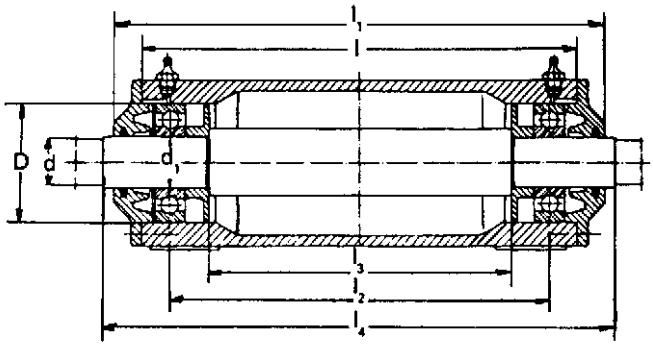
PDNF Series

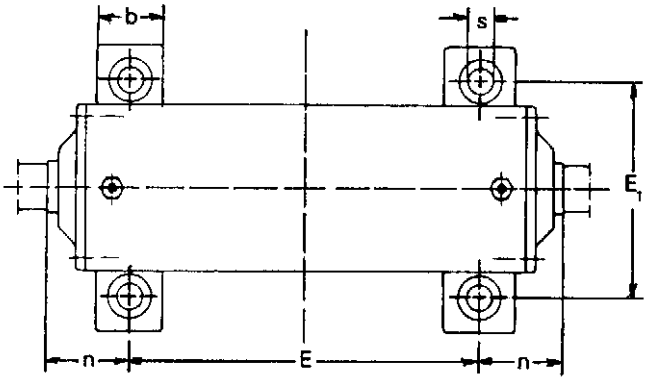
Grease Lube for Fan Applications

PDNF units are an alternative to pillow block housings for high speed fan applications. Alignment error is virtually eliminated. Deep groove ball bearings allow high speed operation. Maintenance is simplified as excess grease will be centrifuged into the middle housing area. Housings normally supplied without bearings and shaft. If shaft and bearings are desired, specify shaft length and note bearings when ordering. Shaft can be supplied to suit need.









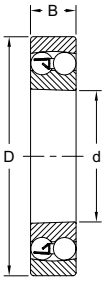
Part No.	d	d_1	H	H_1	l	l_1	l_2	l_3	l_4	A	b	c	E	E_1	n	s	D	L	G	Bearing Part No.
PDNF306	24	30	50	100	210	226	171.5	140.0	240	160	40	18	150	130	45.0	15	72	84	4 x M 6	6306C3
PDNF307	28	35	60	116	239	260	195.5	160.0	275	190	45	18	175	150	49.5	15	80	95	4 x M 6	6307C3
PDNF308	32	40	60	121	298	315	255.5	214.0	331	190	52	20	225	150	53.0	15	90	104	4 x M 6	6308C3
PDNF309	38	45	70	137	340	360	279.5	236.0	376	210	52	22	250	170	63.0	15	100	115	4 x M 6	6309C3
PDNF310	42	50	70	142	360	377	311.5	266.0	393	210	60	25	275	170	59.0	15	110	125	6 x M 6	6310C3
PDNF311	48	55	80	158	400	422	335.5	288.0	438	260	60	25	300	210	69.0	19	120	136	4 x M 8	6311C3
PDNF312	48	60	80	165	437	460	383.5	334.0	476	260	70	25	340	210	68.0	19	130	148	6 x M 8	6312C3
PDNF313	55	65	95	185	470	492	402.5	349.0	508	280	70	25	360	230	74.0	19	140	158	6 x M 8	6313C3
PDNF314	60	70	95	190	490	512	420.5	365.0	532	290	70	25	380	230	76.0	19	150	168	6 x M 8	6314C3
PDNF315	65	75	100	200	508	547	448.5	389.0	567	320	80	30	400	260	83.5	19	160	176	6 x M 8	6315C3
PDNF316	70	80	112	220	525	556	466.5	405.0	576	320	80	30	420	260	78.0	19	170	190	6 x M 10	6316C3
PDNF317	75	85	112	225	559	590	486.0	422.5	610	350	80	30	440	290	85.0	19	180	200	6 x M 10	6317C3
PDNF318	80	90	112	230	575	605	510.0	446.5	625	350	85	30	460	290	82.5	19	190	210	6 x M 10	6318C3
PDNF319	85	95	125	253	605	648	540.0	470.5	668	400	90	36	480	320	94.0	24	200	220	6 x M 10	6319C3

Dimensions in **mm**.

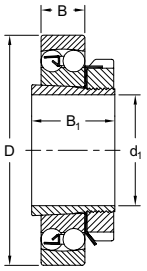
Self-Aligning Ball Bearings

Tapered & Straight Bores
1200 & 1300 Series

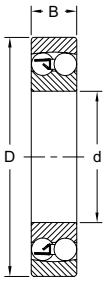




Tapered Bore



Tapered Bore Adapter Mounted
Uses H200 Adapters
or SNW Series



Straight Bore

1200 and 1200 K Series

Straight Bore Bearing Part No. *	Taper Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
						d_1*		B_1	Dynamic	Static				
		d	D	B	r	mm	in		C	C_0	Grease	Oil	Bearing	Sleeve
1205	1205K	25	52	15	1.0	20	5/8, 3/4	26	12.2	3.35	13000	16000	0.1	0.1
1206	1206K	30	62	16	1.0	25	7/8, 1	27	15.6	4.65	11000	14000	0.2	0.1
1207	1207K	35	72	17	1.1	30	1-1/8, 1-3/16	29	16.0	5.20	9500	12000	0.3	0.1
1208	1208K	40	80	18	1.1	35	1-1/4, 1-3/8	31	19.3	6.55	8500	10000	0.4	0.2
1209	1209K	45	85	19	1.1	40	1-1/2	33	22.0	7.35	7500	9000	0.5	0.2
1210	1210K	50	90	20	1.1	45	1-11/16, 1-3/4	35	22.8	8.15	7000	8500	0.5	0.3
1211	1211K	55	100	21	1.5	50	1-15/16, 2	37	27.0	10.0	6300	7500	0.7	0.3
1212	1212K	60	110	22	1.5	55	2-1/8, 2-3/16	38	30.0	11.6	5600	6700	0.9	0.3
1213	1213K	65	120	23	1.5	60	2-1/4	40	31.0	12.5	5300	6300	1.2	0.4
1214	1214K	70	125	24	1.5	—	—	—	34.5	13.7	5000	6000	1.3	—
1215	1215K	75	130	25	1.5	65	2-7/16, 2-1/2	43	39.0	15.6	4800	5600	1.4	0.7
1216	1216K	80	140	26	2.0	70	2-11/16, 2-3/4	46	40.0	17.0	4300	5000	1.7	0.9
1217	1217K	85	150	28	2.0	75	2-15/16, 3	50	49.0	20.4	4000	4800	2.1	1.0
1218	1218K	90	160	30	2.0	80	3-3/16, 3-1/4	52	57.0	23.6	3800	4500	2.6	1.2
1219	1219K	95	170	32	2.1	85	3-3/8	55	64.0	27.0	3400	4000	3.2	1.4
1220	1220K	100	180	34	2.1	90	3-7/16, 3-1/2	58	69.5	30.0	3200	3800	3.8	1.5
1222	1222K	110	200	38	2.1	100	3-15/16, 4	63	88.0	38.0	2800	3400	5.2	1.9

1300 Series (for Taper Bore see H300 Series Adapters)

1305	1305K	25	62	17	1.1	20	5/8, 3/4	29	18.0	5.0	11000	14000	0.3	0.1
1306	1306K	30	72	19	1.1	25	7/8, 1	31	21.2	6.3	9000	11000	0.4	0.1
1307	1307K	35	80	21	1.5	30	1-1/8, 1-3/16	35	25.0	8.0	8000	9500	0.5	0.1
1308	1308K	40	90	23	1.5	35	1-1/4	36	29.0	9.6	7000	8500	0.7	0.2
1309	1309K	45	100	25	1.5	40	1-1/2	39	38.0	12.9	6300	7500	1.0	0.2
1310	1310K	50	110	27	2.0	45	1-11/16, 1-3/4	42	41.5	14.3	5600	6700	1.3	0.3
1311	1311K	55	120	29	2.0	50	1-15/16, 2	45	51.0	18.0	5000	6000	1.6	0.3
1312	1312K	60	130	31	2.1	55	2-1/8, 2-3/8	47	57.0	20.8	4500	5300	2.0	0.4
1313	1313K	65	140	33	2.1	60	2-1/4	50	62.0	22.8	4300	5000	2.5	0.5
1314	—	70	150	35	2.1	—	—	—	75.0	27.5	4000	4800	3.1	—
1315	1315K	75	160	37	2.1	65	2-7/16, 2-1/2	55	80.0	30.0	3600	4300	3.7	0.8
1316	1316K	80	170	39	2.1	70	2-11/16, 2-3/4	59	88.0	32.5	3400	4000	4.3	1.0
1317	1317K	85	180	41	3.0	75	2-15/16, 3	63	98.0	38.0	3200	3800	5.1	1.2
1318	1318K	90	190	43	3.0	80	3-3/16, 3-1/4	65	108.0	43.0	3000	3600	6.0	1.4

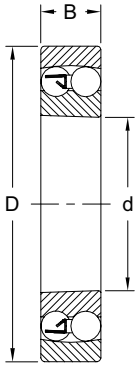
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H200 Series adapters.

Self-Aligning Ball Bearings

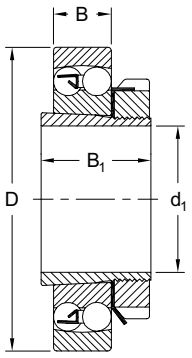
2200 & 2300 Series

Tapered & Straight Bores

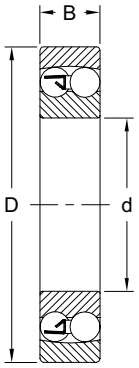




Tapered Bore



Tapered Bore Adapter Mounted
Uses H200 Adapters
or SNW Series



Straight Bore

2200 Series (for Taper Bore see H300 Series Adapters)

Straight Bore Bearing Part No. *	Taper Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
						d_1*			Dynamic	Static				
		d	D	B	r	mm	in	B_1	C	C_0	Grease	Oil	Bearing	Sleeve
2205	2205K	25	52	18	1.0	20	5/8, 3/4	29	17.0	4.4	12000	15000	0.2	0.1
2206	2206K	30	62	20	1.0	25	7/8, 1	31	25.5	6.9	9500	12000	0.3	0.1
2207	2207K	35	72	23	1.1	30	1-1/8, 1-3/16	35	32.0	9.0	8000	9500	0.4	0.1
2208	2208K	40	80	23	1.1	35	1-1/4	36	31.5	9.5	7500	9000	0.5	0.2
2209	2209K	45	85	23	1.1	40	1-1/2	39	28.0	9.0	7000	8500	0.5	0.2
2210	2210K	50	90	23	1.1	45	1-11/16, 1-3/4	42	28.0	9.5	6700	8000	0.6	0.3
2211	2211K	55	100	25	1.5	50	1-15/16, 2	45	39.0	12.7	5600	6700	0.8	0.3
2212	2212K	60	110	28	1.5	55	2-1/8, 2-3/8	47	47.5	16.6	5300	6300	1.1	0.4
2213	2213K	65	120	31	1.5	60	2-1/4	50	57.0	19.3	4500	5300	1.4	0.5
2214	—	70	125	31	1.5	—	—	—	44.0	17.0	4800	5600	1.6	—
2215	2215K	75	130	31	1.5	65	2-7/16, 2-1/2	55	44.0	18.0	4500	5300	1.7	0.9
2216	2216K	80	140	33	2.0	70	2-11/16, 2-3/4	59	51.0	21.2	4300	5000	2.1	1.0
2217	2217K	85	150	36	2.0	75	2-15/16, 3	63	58.5	23.6	4000	4800	2.6	1.2
2218	2218K	90	160	40	2.0	80	3-3/16, 3-1/4	65	71.0	28.5	3600	4300	3.3	1.4
2220	2220K	100	180	46	2.1	90	—	71	98.0	40.5	3200	3800	5.2	1.7
2222	2222K	110	200	53	2.1	100	—	77	124.0	52.0	2800	3400	7.1	2.2

2300 Series (for Taper Bore see H2300 Series Adapters)

2305	2305K	25	62	24	1.1	20	5/8, 3/4	35	24.5	6.5	10000	13000	0.4	0.1
2306	2306K	30	72	27	1.1	25	7/8, 1	38	31.5	8.6	8500	10000	0.6	0.1
2307	2307K	35	80	31	1.5	30	1-1/8, 1-3/16	43	39.0	11.2	7500	9000	0.7	0.2
2308	2308K	40	90	33	1.5	35	1-1/4	46	45.0	13.4	6700	8000	1.0	0.2
2309	2309K	45	100	36	1.5	40	1-1/2	50	54.0	16.3	6000	7000	1.3	0.3
2310	2310K	50	110	40	2.0	45	1-11/16, 1-3/4	55	64.0	20.0	5300	6300	1.8	0.4
2311	2311K	55	120	43	2.0	50	1-15/16, 2	59	75.0	23.6	4800	5600	2.3	0.4
2312	2312K	60	130	46	2.1	55	2-1/8, 2-3/8	62	86.5	28.0	4300	5000	2.8	0.5
2313	2313K	65	140	48	2.1	60	2-1/4	65	95.0	32.5	4000	4800	3.4	0.6
2314	—	70	150	51	2.1	—	—	—	110.0	37.5	3600	4300	4.2	—
2315	2315K	75	160	55	2.1	65	2-7/16, 2-1/2	73	122.0	42.5	3400	4000	5.2	1.1
2316	2316K	80	170	58	2.1	70	2-11/16, 2-3/4	78	137.0	48.0	3200	3800	6.4	1.3
2317	2317K	85	180	60	3.0	75	2-15/16, 3	82	140.0	51.0	3000	3600	7.5	1.5
2318	2318K	90	190	64	3.0	80	3-3/16, 3-1/4	86	153.0	57.0	2800	3400	8.9	1.7

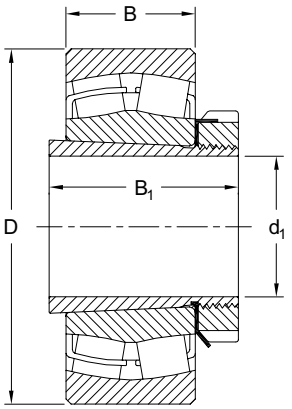
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H300 or H2300 Series adapters.

Spherical Roller Bearings

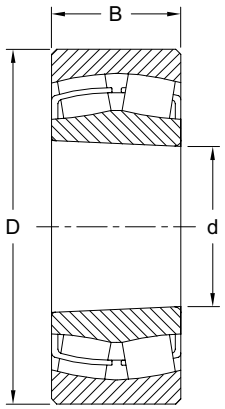
222 Series

Tapered & Straight Bores

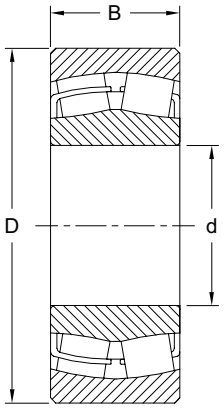




Tapered Bore
Adapter Mounted
Uses H300 & H3100 Adapters
or SNW



Tapered Bore



Straight Bore

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
									Dynamic	Static				
		d	D	B	r	d_1*		B_1	C	C_0	Grease	Oil	Bearing	Sleeve
						mm	in							
22205K	22205	25	52	18	1.0	20	3/4	29	35	35	9000	12000	0.2	0.1
22206K	22206	30	62	20	1.0	25	15/16, 1	31	48	52	7500	9500	0.2	0.1
22207K	22207	35	72	23	1.1	30	1-3/16	35	67	73	6300	8000	0.4	0.1
22208K	22208	40	80	23	1.1	35	—	36	73	81	6000	7500	0.5	0.2
22209K	22209	45	85	23	1.1	40	1-7/16, 1-1/2	39	77	88	5600	7000	0.5	0.2
22210K	22210	50	90	23	1.1	45	1-11/16, 1-3/4	42	84	100	5300	6700	0.6	0.3
22211K	22211	55	100	25	1.5	50	1-15/16, 2	45	115	137	4500	5600	0.8	0.3
22212K	22212	60	110	28	1.5	55	—	47	122	146	4000	5000	1.1	0.4
22213K	22213	65	120	31	1.5	60	2-3/16, 2-1/4	50	148	183	3600	4500	1.4	0.5
22214K	22214	70	125	31	1.5	60	—	52	148	185	3600	4500	1.5	0.7
22215K	22215	75	130	31	1.5	65	2-7/16, 2-1/2	55	156	205	3400	4300	1.6	0.9
22216K	22216	80	140	33	2.0	70	2-11/16, 2-3/4	59	175	225	3200	4000	2.0	1.0
22217K	22217	85	150	36	2.0	75	2-15/16, 3	63	210	270	3000	3800	2.5	1.2
22218K	22218	90	160	40	2.0	80	3-3/16, 3-1/4	65	250	340	2600	3400	3.2	1.4
22219K	22219	95	170	43	2.1	85	—	68	280	370	2400	3200	3.9	1.6
22220K	22220	100	180	46	2.1	90	3-7/16, 3-1/2	71	310	410	2200	3000	4.7	1.7
22222K	22222	110	200	53	2.1	100	3-15/16, 4	77	405	550	2000	2800	6.7	2.2
22224K	22224	120	215	58	2.1	110	4-3/16, 4-1/4	88	465	665	1800	2400	8.4	2.7
22226K	22226	130	230	64	3.0	115	4-7/16, 4-1/2	92	545	800	1700	2200	10.5	3.7
22228K	22228	140	250	68	3.0	125	4-15/16, 5	97	605	900	1600	2000	13.4	4.4
22230K	22230	150	270	73	3.0	135	5-3/16, 5-1/4	111	730	1075	1500	1900	16.9	5.5
22232K	22232	160	290	80	3.0	140	5-7/16, 5-1/2	119	860	1285	1400	1800	21.7	7.7
22234K	22234	170	310	86	4.0	150	5-15/16, 6	122	975	1450	1300	1700	28.5	8.4
22236K	22236	180	320	86	4.0	160	6-7/16, 6-1/2	131	1000	1550	1300	1700	29.5	9.5
22238K	22238	190	340	92	4.0	170	6-15/16, 7	141	1100	1700	1200	1600	36.5	11.0
22240K	22240	200	360	98	4.0	180	7-3/16	150	1250	1900	1100	1500	43.5	12.0
22244K	22244	220	400	108	4.0	200	7-15/16, 8	161	1500	2300	950	1300	60.0	14.7

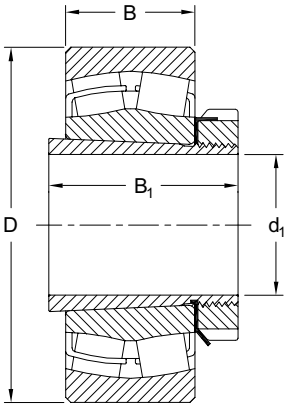
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H300 or H3100 Series adapters or SNW.

Spherical Roller Bearings

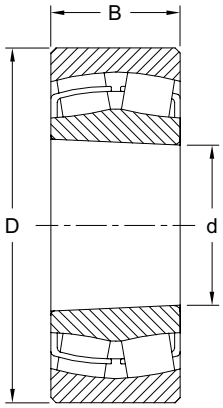
223 Series

Tapered & Straight Bores

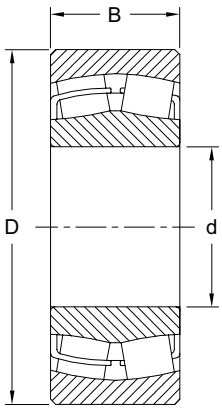




Tapered Bore
Adapter Mounted
Uses H2300 Adapters



Tapered Bore



Straight Bore

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)							Basic Load Ratings in kN		Max. rpm		Weight kg	
						d_1*		B_1	Dynamic	Static				
		d	D	B	r	mm	in		C	C_0	Grease	Oil	Bearing	Sleeve
22308K	22308	40	90	33	1.5	35	1-1/4, 1-3/8	46	112	120	4500	5600	1.0	0.2
22309K	22309	45	100	36	1.5	40	1-1/2	50	135	155	3800	4800	1.4	0.3
22310K	22310	50	110	40	2	45	1-11/16, 1-3/4	55	175	200	3400	4300	1.9	0.4
22311K	22311	55	120	43	2	50	1-15/16, 2	59	195	230	3200	4000	2.4	0.4
22312K	22312	60	130	46	2.1	55	2-1/8, 2-3/16	62	230	280	3000	3800	3.0	0.5
22313K	22313	65	140	48	2.1	60	2-1/4	65	250	300	2600	3400	3.6	0.6
22314K	22314	70	150	51	2.1	60	—	86	310	380	2400	3200	4.3	0.9
22315K	22315	75	160	55	2.1	65	2-7/16, 2-1/2	73	340	430	2200	3000	5.3	1.1
22316K	22316	80	170	58	2.1	70	2-11/16, 2-3/4	78	370	450	2000	2800	6.2	1.3
22317K	22317	85	180	60	3	75	2-15/16, 3	82	420	515	1900	2600	7.3	1.5
22318K	22318	90	190	64	3	80	3-3/16, 3-1/4	86	475	600	1800	2400	8.6	1.7
22319K	22319	95	200	67	3	85	3-3/8	90	515	670	1800	2400	10.0	1.9
22320K	22320	100	215	73	3	90	3-7/16, 3-1/2	97	600	800	1700	2200	13.0	2.2
22322K	22322	110	240	80	3	100	3-15/16, 4	105	720	960	1600	2000	18.0	2.8
22324K	22324	120	260	86	3	110	4-3/16	112	840	1110	1400	1800	22.0	3.2
22326K	22326	130	280	93	4	115	4-7/16, 4-1/2	121	970	1300	1300	1700	28.5	4.6
22328K	22328	140	300	102	4	125	4-15/16, 5	131	1120	1550	1100	1500	34.5	5.5
22330K	22330	150	320	108	4	135	5-3/16	139	1250	1750	1000	1400	41.5	6.6
22332K	22332	160	340	114	4	140	5-7/16, 5-1/2	147	1375	1950	950	1300	50.0	9.2
22334K	22334	170	360	120	4	150	5-15/16, 6	157	1540	2150	950	1300	58.5	10.0
22336K	22336	180	380	126	4	160	6-7/16, 6-1/2	161	1725	2440	900	1200	69.0	11.0
22338K	22338	190	400	132	5	170	6-15/16, 7	169	1860	2640	850	1100	8.0	12.5
22340K	22340	200	420	138	5	180	7-3/16	176	2010	2900	850	1100	92.5	14.0

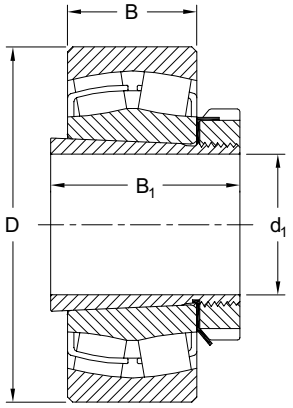
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H2300 Series adapters.

Spherical Roller Bearings

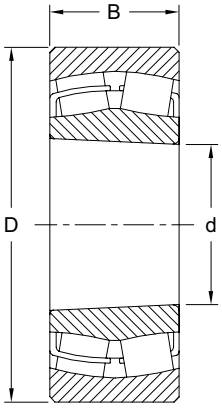
230 Series

Tapered and Straight Bores

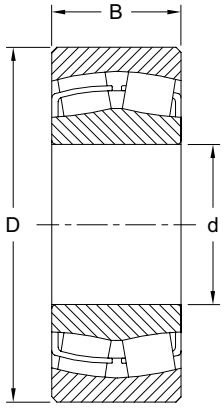




Tapered Bore
Adapter Mounted
Uses H3000 Adapters



Tapered Bore



Straight Bore

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)						Basic Load Ratings in kN		Max. rpm		Weight kg	
								Dynamic	Static				
		d	D	B	d_1*		B_1	C	C_0	Grease	Oil	Bearing	Sleeve
					mm	in							
23024K	23024	120	180	46	110	4-3/16, 4-1/4	72	300	500	2000	2800	3.9	2.0
23026K	23026	130	200	52	115	4-7/16, 4-1/2	80	370	600	1900	2600	5.6	2.9
23028K	23028	140	210	53	125	4-15/16, 5	82	395	675	1800	2400	6.0	3.2
23030K	23030	150	225	56	135	5-3/16, 5-1/4	87	435	745	1700	2200	7.3	3.9
23032K	23032	160	240	60	140	5-7/16, 5-1/2	93	500	870	1700	2200	8.9	5.2
23034K	23034	170	260	67	150	5-15/16, 6	101	620	1050	1600	2000	12.1	6.0
23036K	23036	180	280	74	160	6-7/16, 6-1/2	109	720	1240	1400	1800	15.8	6.9
23038K	23038	190	290	75	170	6-15/16, 7	112	750	1340	1300	1700	16.8	7.5
23040K	23040	200	310	82	180	7-3/16	120	875	1525	1200	1600	21.5	9.2
23044K	23044	220	340	90	200	7-15/16, 8	126	1040	1850	1100	1400	31.0	10.5
23048K	23048	240	360	92	220	8-7/16, 9	133	1125	2075	1000	1300	33.9	13.0
23052K	23052	260	400	104	240	9-7/16, 9-1/2	145	1400	2500	800	1100	49.0	16.0
23056K	23056	280	420	106	260	9-15/16, 10-1/2	152	1500	2800	800	1000	52.5	17.7
23060K	23060	300	460	118	280	10-15/16, 11	168	1890	3500	720	940	70.0	22.8
23064K	23064	320	480	121	300	11-7/16, 12	171	1960	3850	680	880	77	24.6
23068K	23068	340	520	133	320	12-7/16, 12-1/2	187	2310	4550	630	820	100	28.7
23072K	23072	360	540	134	340	12-15/16, 13-1/2	188	2370	4700	590	770	110	30.5
23076K	23076	380	560	135	360	13-15/16, 14	193	2500	5150	550	720	115	35.8
23080K	23080	400	600	148	380	15	210	2980	6050	520	680	140	41.3
23084K	23084	420	620	150	400	15-3/4	212	3100	6400	490	640	150	43.7
23088K	23088	440	650	157	410	16-1/2	228	3300	6850	470	610	175	65.2
23092K	23092	460	680	163	430	17	234	3600	7450	450	580	200	69.5
23096K	23096	480	700	165	450	18	237	3650	770	420	550	210	73.3

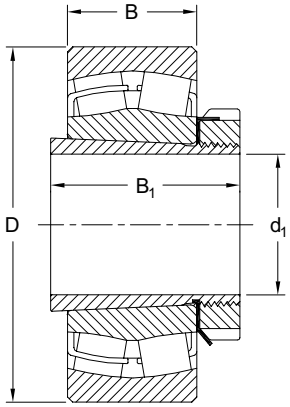
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H3000 Series adapters.

Spherical Roller Bearings

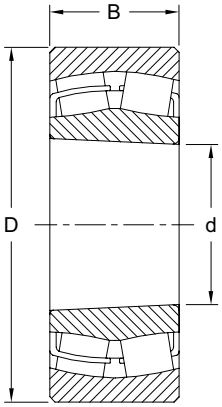
231 Series

Tapered and Straight Bores

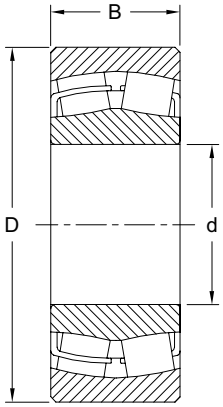




Tapered Bore
Adapter Mounted
Uses OH or H3100 Adapters



Tapered Bore



Straight Bore

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)						Basic Load Ratings in kN		Max. rpm		Weight kg	
								Dynamic	Static				
		d	D	B	d_1*		B_1	C	C_0	Grease	Oil	Bearing	Sleeve
					mm	in							
23134K	23134	170	280	88	150	5-15/16, 6	122	890	1490	1200	1600	20.6	8.4
23136K	23136	180	300	96	160	6-7/16, 6-1/2	131	1040	1750	1100	1500	25.9	9.5
23138K	23138	190	320	104	170	6-15/16, 7	141	1200	2050	1000	1400	32.6	11.0
23140K	23140	200	340	112	180	7-3/16	150	1350	2350	900	1200	42.7	12.0
23144K	23144	220	370	120	200	7-15/16, 8	161	1550	2700	850	1100	54.4	15.0
23148K	23148	240	400	128	220	8-7/16, 9	172	1750	3100	800	1050	66.4	18.0
23152K	23152	260	440	144	240	9-7/16, 9-1/2	190	2200	3800	730	800	92.9	22.5
23156K	23156	280	460	146	260	9-15/16, 10-1/2	195	2250	4200	650	700	99.5	25.0
23160K	23160	300	500	160	280	10-15/16, 11	208	2800	5000	600	750	130.0	30.0
23164K	23164	320	540	176	300	11-7/16, 12	226	3200	5900	550	700	171.0	35.0
23168K	23168	340	580	190	320	12-7/16, 12-1/2	254	3600	6600	520	680	210	49.5
23172K	23172	360	600	192	340	12-15/16, 13-1/2	259	3750	7050	490	630	215	54.2
23176K	23176	380	620	194	360	13-15/16, 14	264	3900	7500	450	590	230	61.7
23180K	23180	400	650	200	380	15	272	4200	8050	430	560	265	70.6
23184K	23184	420	700	224	400	15-3/4	304	5200	9950	410	530	350	84.2
23188K	23188	440	720	226	410	16-1/2	307	5200	10000	390	500	355	104.0
23192K	23192	460	760	240	430	17	326	5700	11400	360	470	435	116.0
23196K	23196	480	790	248	450	18	335	6200	12300	350	450	480	133.0

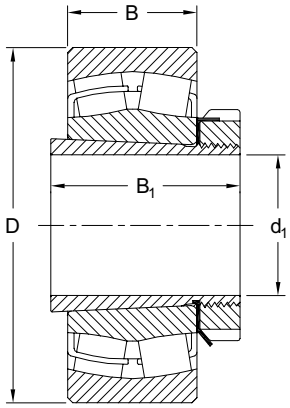
*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use the H3100 Series adapters.

Spherical Roller Bearings

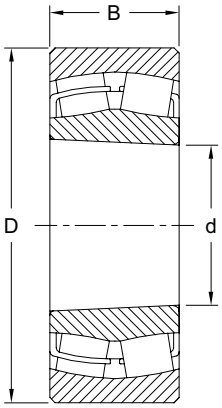
232 Series

Tapered and Straight Bores

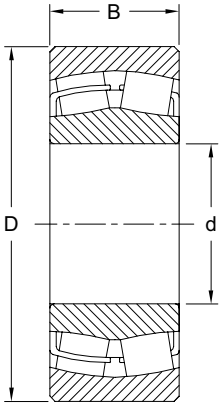




Tapered Bore
Adapter Mounted
Uses OH3200 Adapters



Tapered Bore



Straight Bore

Taper Bore Bearing Part No. *	Straight Bore Bearing Part No. *	Dimensions (mm)						Basic Load Ratings in kN		Max. rpm		Weight kg	
								Dynamic	Static				
		d	D	B	d_1*		B_1	C	C_0	Grease	Oil	Bearing	Sleeve
					mm	in							
23252K	23252	260	480	174	240	9-7/16, 9-1/2	208	2760	4700	660	860	140	21.0
23256K	23256	280	500	176	260	9-15/16, 10-1/2	221	2930	5150	610	790	150	27.0
23260K	23260	300	540	192	280	10-15/16, 11	240	3450	6000	560	730	190	34.1
23264K	23264	320	580	208	300	11-7/16, 12	258	4000	7050	520	680	240	39.3
23268K	23268	340	620	224	320	12-7/16, 12-1/2	288	4450	8000	490	630	295	54.6
23272K	23272	360	650	232	340	12-15/16, 13-1/2	299	4850	8700	450	590	335	60.6
23276K	23276	380	680	240	360	13-15/16, 14	310	5200	9650	430	550	375	69.6
23280K	23280	400	720	256	380	15	328	5850	10600	400	520	450	75.2
23284K	23284	420	760	272	400	15-3/4	352	6550	12000	380	490	535	94.0
23288K	23288	440	790	280	410	16-1/2	361	6900	12800	360	470	590	118.0
23292K	23292	460	830	296	430	17	382	7750	14500	340	440	690	132.0
23296K	23296	480	870	310	450	18	397	8300	15500	320	420	790	152.0

*Note: Part No. Suffix C3W33 (C3 = Internal Clearance, W33 = Lube Groove) will be provided unless otherwise specified.
K = Taper Bore, without K = straight bore. For Taper Bore (K) bearings, use theOH3200 Series adapters.

Adapter Interchange

H-Type		SNW Type
H204 x 17MM	H204	—
H205 x 3/4	HE205	—
H205 x 20MM	H205	—
H206 x 1	HE206	—
H206 x 25MM	H206	—
H207 x 30MM	H207	—
H208 x 1-1/4	HE208	—
H208 x 35MM	H208	—
H209 x 1-1/2	HE209	—
H209 x 40MM	H209	—
H210 x 1-3/4	HE210	—
H210 x 45MM	H210	—
H211 x 2	HE211	—
H211 x 50MM	H211	—
H212 x 55MM	H212	—
H213 x 2-1/4	HE213	—
H213 x 60MM	H213	—
H215 x 2-1/2	HE215	—
H215 x 65MM	H215	—
H216 x 2-3/4	HE216	—
H216 x 70MM	H216	—
H217 x 3	HE217	—
H217 x 75MM	H217	—
H218 x 3-1/4	HE218	—
H218 x 80MM	H218	—
H219 x 85MM	H219	—
H220 x 3-1/2	HE220	—
H220 x 90MM	H220	—
H222 x 4	HE222	—
H222 x 100MM	H222	—
H304 x 5/8	HS304	—
H304 x 17MM	H304	—
H305 x 1-1/16	HA305	—
H305 x 3/4	HE305	SNW05 x 3/4
H305 x 20MM	H305	—
H306 x 15/16	HA306	SNW06 x 15/16
H306 x 1	HE306	SNW06 x 1
H306 x 25MM	H306	—
H307 x 1-1/16	HA307	SNW07 x 1-1/16
H307 x 1-1/8	HS307	SNW07 x 1-1/8
H307 x 1-3/16	HA307	SNW07 x 1-3/16
H307 x 1-1/4	HE307	SNW07 x 1-1/4
H307 x 30MM	H307	—
H308 x 1-1/4	HE308	SNW08 x 1-1/4
H308 x 1-5/16	HA208	SNW08 x 1-5/16
H308 x 1-3/8	HS308	SNW08 x 1-3/8
H308 x 35MM	H308	—
H309 x 1-3/8	—	SNW09 x 1-3/8
H309 x 1-7/16	HA309	SNW09 x 1-7/16
H309 x 1-1/2	HE309	SNW09 x 1-1/2
H309 x 40MM	H309	—
H310 x 1-5/8	HS310	SNW10 x 1-5/8
H310 x 1-11/16	HA310	SNW10 x 1-11/16
H310 x 1-3/4	HE310	SNW10 x 1-3/4
H310 x 45MM	H310	—
H311 x 1-3/4	HE311	SNW11 x 1-3/4
H311 x 1-7/8	HS311	SNW11 x 1-7/8
H311 x 1-15/16	HA311	SNW11 x 1-15/16
H311 x 2	HE311	SNW11 x 2
H311 x 50MM	H311	—

H-Type		SNW Type
H312 x 2	HE312	SNW12 x 2
H312 x 2-1/16	HA312	SNW12 x 2-1/16
H312 x 2-1/8	HS312	SNW12 x 2-1/8
H312 x 55MM	H312	—
H313 x 2	HE313	SNW13 x 2
H313 x 2-1/8	HS313	SNW13 x 2-1/8
H313 x 2-3/16	HA313	SNW13 x 2-3/16
H313 x 2-1/4	HE313	SNW13 x 2-1/4
H313 x 2-5/16	HA313	SNW13 x 2-5/16
H313 x 60MM	H313	—
H314 x 2-5/16	HA314	SNW14 x 2-5/16
H314 x 60MM	H314	—
H315 x 2-3/8	HS315	SNW15 x 2-3/8
H315 x 2-7/16	HA315	SNW15 x 2-7/16
H315 x 2-1/2	HE315	SNW15 x 2-1/2
H315 x 65MM	H315	—
H316 x 2-11/16	HA316	SNW16 x 2-11/16
H316 x 2-3/4	HE316	SNW16 x 2-3/4
H316 x 70MM	H316	—
H317 x 2-15/16	HA317	SNW17 x 2-15/16
H317 x 3	HE317	SNW17 x 3
H317 x 75MM	H317	—
H318 x 3-1/8	HS318	SNW18 x 3-1/8
H318 x 3-3/16	HA318	SNW18 x 3-3/16
H318 x 3-1/4	HE318	SNW18 x 3-1/4
H318 x 80MM	H318	—
H319 x 3-3/16	HA319	SNW19 x 3-3/16
H319 x 3-1/4	HE319	SNW19 x 3-1/4
H319 x 3-3/8	HS319	SNW19 x 3-3/8
H319 x 85MM	H319	—
H320 x 3-7/16	HA320	SNW20 x 3-7/16
H320 x 3-1/2	HE320	SNW20 x 3-1/2
H320 x 90MM	H320	—
H321 x 3-11/16	HA321	SNW21 x 3-11/16
H321 x 3-3/4	HE321	SNW21 x 3-3/4
H321 x 95MM	H321	—
H322 x 3-15/16	HA322	SNW22 x 3-15/16
H322 x 4	HE322	SNW22 x 4
H322 x 100MM	H322	—
H2305 x 3/4	HE2305	—
H2305 x 20MM	H2305	—
H2306 x 7/8	—	—
H2306 x 1-5/16	HA2306	—
H2306 x 1	HE2306	—
H2306 x 25MM	H2306	—
H2307 x 1-1/8	HS2307	—
H2307 x 1-3/16	HA2307	—
H2307 x 30MM	H2307	—
H2308 x 1-1/4	HE2308	SNW108 x 1-1/4
H2308 x 1-5/16	HA2308	SNW108 x 1-5/16
H2308 x 35MM	H2308	—
H2309 x 1-7/16	HA2309	SNW109 x 1-7/16
H2309 x 1-1/2	HE2309	SNW109 x 1-1/2
H2309 x 40MM	H2309	—
H2310 x 1-5/8	HS2310	SNW110 x 1-5/8
H2310 x 1-11/16	HA2310	SNW110 x 1-11/16
H2310 x 1-3/4	HE2310	SNW110 x 1-3/4
H2310 x 45MM	H2310	—
H2311 x 1-7/8	HS2311	SNW111 x 1-7/8
H2311 x 1-15/16	HA2311	SNW111 x 1-15/16

H-Type		SNW Type
H2311 x 2	HE2311	SNW111 x 2
H2311 x 50MM	H2311	—
H2312 x 2-1/8	HS2312	SNW112 x 2-1/8
H2312 x 55MM	H2312	—
H2313 x 2-3/16	HA2313	SNW113 x 2-3/16
H2313 x 2-1/4	HE2313	SNW113 x 2-1/4
H2313 x 2-3/8	HS2313	SNW113 x 2-3/8
H2313 x 60MM	H2313	—
H2314 x 60MM	H2314	—
H2315 x 2-7/16	HA2315	SNW115 x 2-7/16
H2315 x 2-1/2	HE2315	SNW115 x 2-1/2
H2315 x 2-5/8	HS2315	SNW115 x 2-5/8
H2315 x 65MM	H2315	—
H2316 x 2-11/16	HA2316	SNW116 x 2-11/16
H2316 x 2-3/4	HE2316	SNW116 x 2-3/4
H2316 x 70MM	H2316	—
H2317 x 2-15/16	HA2317	SNW117 x 2-15/16
H2317 x 3	HE2317	SNW117 x 3
H2317 x 75MM	H2317	—
H2318 x 3-1/8	HS2318	SNW118 x 3-1/8
H2318 x 3-3/16	HA2318	SNW118 x 3-3/16
H2318 x 3-1/4	HE2318	SNW118 x 3-1/4
H2318 x 80MM	H2318	—
H2319 x 3-1/4	HE2319	SNW119 x 3-1/4
H2319 x 85MM	H2319	—
H2320 x 3-7/16	HA2320	SNW120 x 3-7/16
H2320 x 3-1/2	HE2320	SNW120 x 3-1/2
H2320 x 90MM	H2320	—
H2321 x 95MM	H2321	—
H2322 x 3-15/16	HA2322	SNW122 x 3-15/16
H2322 x 4	HE2322	SNW122 x 4
H2322 x 100MM	H2322	—
H2324 x 4-3/16	HA2324	SNW124 x 4-3/16
H2324 x 4-1/4	HE2324	SNW124 x 4-1/4
H2324 x 110MM	H2324	—
H2326 x 4-7/16	HA2326	SNW126 x 4-7/16
H2326 x 4-1/2	HE2326	SNW126 x 4-1/2
H2326 x 115MM	H2326	—
H2328 x 4-15/16	HA2328	SNW128 x 4-15/16
H2328 x 5	HE2328	SNW128 x 5
H2328 x 125MM	H2328	—
H2330 x 5-3/16	HA2330	SNW130 x 5-3/16
H2330 x 5-1/4	HE2330	SNW130 x 5-1/4
H2330 x 135MM	H2330	—
H2332 x 5-7/16	HA2332	SNW132 x 5-7/16
H2332 x 5-1/2	HE2332	SNW132 x 5-1/2
H2332 x 140MM	H2332	—
H2334 x 5-15/16	HA2334	SNW134 x 5-15/16
H2334 x 6	HE2334	SNW134 x 6
H2334 x 150MM	H2334	—
H2336 x 6-7/16	HA2336	SNW136 x 6-7/16
H2336 x 6-1/2	HE2336	SNW136 x 6-1/2
H2336 x 160MM	H2336	—
H2338 x 6-3/4	HE2338	—
H2338 x 6-15/16	HA2338	SNW138 x 6-15/16
H2338 x 7	—	SNW138 x 7
H2338 x 170MM	H2338	—
H2340 x 7	HE2340	SNW140 x 7
H2340 x 7-3/16	HA2340	SNW140 x 7-3/16
H2340 x 180MM	H2340	—

Adapter Interchange

H-Type		SNW, SNP Type
H2344 x 7-15/16	—	SNW144 x 7-15/16
H2344 x 200MM	H2344	—
H2348 x 8-15/16	—	SNP148 x 8-15/16
H2348 x 220MM	H2348	—
H2352 x 9-7/16	—	SNP152 x 9-7/16
H2352 x 240MM	H2352	—
H2356 x 260MM	H2356	—
H3024 x 4-3/16	HA3224 x 4-3/16	SNW3024 x 4-3/16
H3024 x 4-1/4	HE3024 x 4-1/4	SNW3024 x 4-1/4
H3024 x 110MM	H3024	—
H3026 x 4-7/16	HA3026 x 4-7/16	SNW3026 x 4-7/16
H3026 x 4-1/2	HE3026 x 4-1/2	SNW3026 x 4-1/2
H3026 x 115MM	H3026	—
H3028 x 4-15/16	HA3028 x 4-15/16	SNW3028 x 4-15/16
H3028 x 5	HE3028 x 5	SNW3028 x 5
H3028 x 125MM	H3028	—
H3030 x 5-3/16	HA3030 x 5-3/16	SNW3030 x 5-3/16
H3030 x 5-1/4	HE3030 x 5-1/4	SNW3030 x 5-1/4
H3030 x 135MM	H3030	—
H3032 x 5-7/16	HA3032 x 5-7/16	SNW3032 x 5-7/16
H3032 x 5-1/2	HE3032 x 5-1/2	SNW3032 x 5-1/2
H3032 x 140MM	H3032	—
H3034 x 5-15/16	HA3034 x 5-15/16	SNW3034 x 5-15/16
H3034 x 6	HE3034 x 6	SNW3034 x 6
H3034 x 150MM	H3034	—
H3036 x 6-7/16	HA3036 x 6-7/16	SNW3036 x 6-7/16
H3036 x 6-1/2	HE3036 x 6-1/2	SNW3036 x 6-1/2
H3036 x 160MM	H3036	—
H3038 x 6-15/16	HA3028	SNW3038 x 6-15/16
H3038 x 170MM	H3038	—
H3040 x 7-3/16	HA3040 x 7-3/16	SNW3040 x 7-3/16
H3040 x 180MM	H3040	—
H3044 x 200MM	H3044	—
H3044 x 7-15/16	HA3044 x 7-15/16	SNP3044 x 7-15/16
H3044 x 8	HE3044 x 8	SNP3044 x 8
H3048 x 220MM	H3048	—
H3048 x 8-7/16	HA3048 x 8-7/16	SNP3048 x 8-7/16
H3048 x 8-1/2	HE3048 x 8-1/2	SNP3048 x 8-1/2
H3048 x 8-15/16	HA3048 x 8-15/16	SNP3048 x 8-15/16
H3048 x 9	HE3048 x 9	SNP3048 x 9
H3052 x 240MM	H3052	—
H3052 x 9-7/16	HA3052 x 9-7/16	SNP3052 x 9-7/16
H3052 x 9-1/2	HE3052 x 9-1/2	SNP3052 x 9-1/2
H3056 x 260MM	H3056	—
H3056 x 9-15/16	HA3056 x 9-15/16	SNP3056 x 9-15/16
H3056 x 10	HE3056 x 10	SNP3056 x 10
H3056 x 10-7/16	HA3056 x 10-7/16	SNP3056 x 10-7/16
H3056 x 10-1/2	HE3056 x 10-1/2	SNP3056 x 10-1/2
H3060 x 250MM	H3060	—
H3060 x 10-15/16	HA3060 x 10-15/16	SNP3060 x 10-15/16
H3060 x 11	HE3060 x 11	SNP3060 x 11
H3064 x 300MM	H3064	—
H3064 x 11-7/16	HA3064 x 11-7/16	SNP3064 x 11-7/16
H3064 x 11-1/2	HE3064 x 11-1/2	SNP3064 x 11-1/2
H3064 x 11-15/16	HA3064 x 11-15/16	SNP3064 x 11-15/16
H3064 x 12	HE3064 x 12	SNP3064 x 12
H3068 x 320MM	H3064	—
H3068 x 12-7/16	HA3068 x 12-7/16	SNP3068 x 12-7/16
H3068 x 12-1/2	HE3068 x 12-1/2	SNP3068 x 12-1/2
H3072 x 340MM	H3072	—
H3072 x 12-15/16	HA3072 x 12-15/16	SNP3072 x 12-15/16
H3072 x 13	HE3072 x 13	SNP3072 x 13
H3072 x 13-7/16	HA3072 x 13-7/16	SNP3072 x 13-7/16

H-Type		SNW, SNP Type
H3072 x 13-1/2	HE3072 x 13-1/2	SNP3072 x 13-1/2
H3076 x 360MM	H3076	—
H3076 x 13-15/16	HA3076 x 13-15/16	SNP3076 x 13-15/16
H3076 x 14	HE3076 x 14	SNP3076 x 14
H3080 x 380MM	H3080	—
H3080 x 14-15/16	HA3080 x 14-15/16	SNP3080 x 14-15/16
H3080 x 15	HE3080 x 15	SNP3080 x 15
H3084 x 400MM	H3084	—
H3084 x 15-3/4	HE3084 x 15-3/4	SNP3084 x 15-3/4
H3088 x 16-1/2	HE3088 x 16-1/2	SNP3088 x 16-1/2
H3092 x 17	HE3092 x 17	SNP3092 x 17
H3096 x 18	HE3096 x 18	SNP3096 x 18
H3120 x 3-7/16	HA3120 x 3-7/16	SNW3120 x 3-7/16
H3120 x 3-1/2	HE3120 x 3-1/2	SNW3120 x 3-1/2
H3120 x 90MM	H3120	—
H3122 x 3-11/16	—	SNW3122 x 3-11/16
H3122 x 3-15/16	HA3122 x 3-15/16	SNW3122 x 3-15/16
H3122 x 4	HE3122 x 4	SNW3122 x 4
H3122 x 100MM	H3122	—
H3124 x 4-3/16	HA3124 x 4-3/16	SNW3124 x 4-3/16
H3124 x 4-1/4	HE3124 x 4-1/4	SNW3124 x 4-1/4
H3124 x 110MM	H3124	—
H3126 x 4-7/16	HA3126 x 4-7/16	SNW3126 x 4-7/16
H3126 x 4-1/2	HE3126 x 4-1/2	SNW3126 x 4-1/2
H3126 x 115MM	H3126	—
H3128 x 4-15/16	HA3128 x 4-15/16	SNW3128 x 4-15/16
H3128 x 5	HE3128 x 5	SNW3128 x 5
H3128 x 125MM	H3128	—
H3130 x 5-3/16	HA3130 x 5-3/16	SNW3130 x 5-3/16
H3130 x 5-1/4	HE3130 x 5-1/4	SNW3130 x 5-1/4
H3130 x 135MM	H3130	—
H3132 x 5-7/16	HA3132 x 5-7/16	SNW3132 x 5-7/16
H3132 x 5-1/2	HE3132 x 5-1/2	SNW3132 x 5-1/2
H3132 x 140MM	H3132	—
H3134 x 5-15/16	HA3134 x 5-15/16	SNW3134 x 5-15/16
H3134 x 6	HE3134 x 6	SNW3134 x 6
H3134 x 150MM	H3134	—
H3136 x 6-7/16	HA3136 x 6-7/16	SNW3136 x 6-7/16
H3136 x 6-1/2	HE3136	—
H3136 x 160MM	H3136	—
H3138 x 6-15/16	HA3138 x 6-15/16	SNW3138 x 6-15/16
H3138 x 170MM	H3138	—
H3140 x 7-3/16	HA3140 x 7-3/16	SNW3140 x 7-3/16
H3140 x 180MM	H3140	—
H3144 x 7-15/16	HA3144 x 7-15/16	SNW3144 x 7-15/16
H3144 x 8	HE3144 x 8	SNW3144 x 8
H3144 x 200MM	H3144	—
H3148 x 8-1/2	HE3148 x 8-1/2	SNP3148 x 8-1/2
H3148 x 220MM	H3148	—
H3152 x 240MM	H3152	—
H3152 x 9-7/16	H3152 x 9-7/16	SNP3152 x 9-7/16
H3152 x 9-1/2	HE3152 x 9-1/2	SNP3152 x 9-1/2
H3156 x 260MM	H3156	—
H3156 x 9-15/16	HA3156 x 9-15/16	SNP3156 x 9-15/16
H3156 x 10	HE3156 x 10	SNP3156 x 10
H3156 x 10-7/16	HA3156 x 10-7/16	SNP3156 x 10-7/16
H3156 x 10-1/2	HE3156 x 10-1/2	SNP3156 x 10-1/2
H3160 x 280MM	H3160	—
H3160 x 10-15/16	HA3160 x 10-15/16	SNP3160 x 10-15/16
H3160 x 11	HE3160 x 11	SNP3160 x 11

H-Type		SNW, SNP Type
H3164 x 300MM	H3164	—
H3164 x 11-7/16	HA3164 x 11-7/16	SNP3164 x 11-7/16
H3164 x 11-1/2	HE3164 x 11-1/2	SNP3164 x 11-1/2
H3164 x 11-15/16	H3164 x 11-15/16	SNP3164 x 11-15/16
H3164 x 12	HE3164 x 12	SNP3164 x 12
H3168 x 320MM	H3168	—
H3168 x 12-7/16	HA3168 x 12-7/16	SNP3168 x 12-7/16
H3168 x 12-1/2	HE3168 x 12-1/2	SNP3168 x 12-1/2
H3172 x 340MM	H3172	—
H3172 x 12-15/16	HA3172 x 12-15/16	SNP3172 x 12-15/16
H3172 x 13	HE3172 x 13	SNP3172 x 13
H3172 x 13-7/16	HA3172 x 13-7/16	SNP3172 x 13-7/16
H3172 x 13-1/2	HE3172 x 13-1/2	SNP3172 x 13-1/2
H3176 x 360MM	H3176	—
H3176 x 13-15/16	HA3176 x 13-15/16	SNP3176 x 13-15/16
H3176 x 14	HE3176 x 14	SNP3176 x 14
H3180 x 380MM	H3180	—
H3180 x 14-15/16	HA3180 x 14-15/16	SNP3180 x 14-15/16
H3180 x 15	HE3180 x 15	SNP3180 x 15
H3184 x 400MM	H3184	—
H3184 x 15-3/4	HE3184 x 15-3/4	SNP3184 x 15-3/4
H3188 x 16-1/2	HE3188 x 16-1/2	SNP3188 x 16-1/2
H3192 x 17	HE3192 x 17	SNP3192 x 17
H3196 x 18	HE3196 x 18	SNP3196 x 18
H3252 x 240MM	H3252	—
H3252 x 9-7/16	HA3252 x 9-7/16	SNP3252 x 9-7/16
H3252 x 9-1/2	HE3252 x 9-1/2	SNP3252 x 9-1/2
H3256 x 260MM	H3256	—
H3256 x 9-15/16	HA3256 x 9-15/16	SNP3256 x 9-15/16
H3256 x 10	HE3256 x 10	SNP3256 x 10
H3256 x 10-7/16	HA3256 x 10-7/16	SNP3256 x 10-7/16
H3256 x 10-1/2	HE3256 x 10-1/2	SNP3256 x 10-1/2
H3260 x 280MM	H3260	—
H3260 x 10-15/16	HA3260 x 10-15/16	SNP3260 x 10-15/16
H3260 x 11	HE3260 x 11	SNP3260 x 11
H3264 x 300MM	H3264	—
H3264 x 11-7/16	HA3264 x 11-7/16	SNP3264 x 11-7/16
H3264 x 11-1/2	HE3264 x 11-1/2	SNP3264 x 11-1/2
H3264 x 11-15/16	HA3264 x 11-15/16	SNP3264 x 11-15/16
H3264 x 12	HE3264 x 12	SNP3264 x 12
H3268 x 320MM	H3268	—
H3268 x 12-7/16	HA3268 x 12-7/16	SNP3268 x 12-7/16
H3268 x 12-1/2	HE3268 x 12-1/2	SNP3268 x 12-1/2
H3272 x 340MM	H3272	—
H3272 x 12-15/16	HA3272 x 12-15/16	SNP3272 x 12-15/16
H3272 x 13	HE3272 x 13	SNP3272 x 13
H3272 x 13-7/16	HA3272 x 13-7/16	SNP3272 x 13-7/16
H3272 x 13-1/2	HE3272 x 13-1/2	SNP3272 x 13-1/2
H3276 x 360MM	H3276	—
H3276 x 13-15/16	HA3276 x 13-15/16	SNP3276 x 13-15/16
H3276 x 14	HA3276 x 14	SNP3276 x 14
H3280 x 380MM	H3280	—
H3280 x 14-15/16	HA3280 x 14-15/16	SNP3280 x 14-15/16
H3280 x 15	HE3280 x 15	SNP3280 x 15
H3284 x 400MM	H3284	—
H3284 x 15-3/4	HE3284 x 15-3/4	SNP3284 x 15-3/4
H3288 x 16-1/2	HE3288 x 16-1/2	SNP3288 x 16-1/2
H3292 x 17	HE3292 x 17	SNP3292 x 17
H3296 x 18	HE3296 x 18	SNP3296 x 18

Note: SNW-Type adapters use N or AN nuts with inch threads, H-Type adapters are interchangable and use standard KM nuts with metric threads. Both are industry standard.

Adapter Sleeves

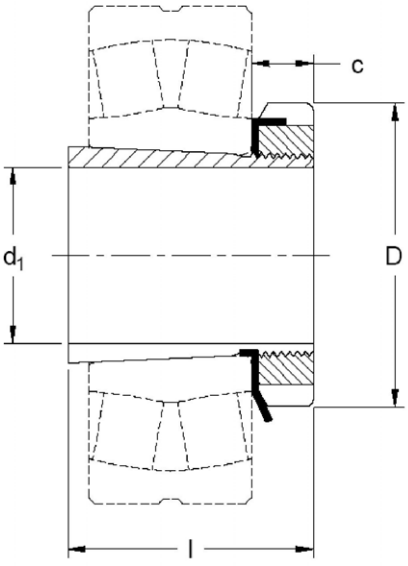
SNW 00 Series

Inch Bores

With Nut and Washer

For 222 Series Spherical Bearings (also used with 1200, 1300, and 2200 Series Ball Bearings).





Part No.	Dimension (in)				Nut	Lock Washer	Weight lb
	d_1	l	D	c			
SNW05 x 3/4	3/4	1.27	1.56	0.46	N05	W05	0.2
SNW05 x 11/16	11/16	1.27	1.56	0.46	N05	W05	0.3
SNW06 x 15/16	15/16	1.35	1.75	0.46	N06	W06	0.2
SNW06 x 1	1	1.35	1.75	0.46	N06	W06	0.2
SNW07 x 1-1/16	1-1/16	1.46	2.06	0.48	N07	W07	0.4
SNW07 x 1-1/8	1-1/8	1.46	2.06	0.48	N07	W07	0.3
SNW07 x 1-1/4	1-1/4	1.46	2.06	0.48	N07	W07	0.3
SNW07 x 1-3/16	1-3/16	1.46	2.06	0.48	N07	W07	0.3
SNW08 x 1-1/4	1-1/4	1.50	2.25	0.50	N08	W08	0.4
SNW08 x 1-3/8	1-3/8	1.50	2.25	0.50	N08	W08	0.4
SNW08 x 1-5/16	1-5/16	1.50	2.25	0.50	N08	W08	0.4
SNW09 x 1-3/8	1-3/8	1.58	2.53	0.50	N09	W09	0.6
SNW09 x 1-7/16	1-7/16	1.58	2.53	0.50	N09	W09	0.6
SNW09 x 1-1/2	1-1/2	1.58	2.53	0.50	N09	W09	0.6
SNW10 x 1-11/16	1-11/16	1.77	2.69	0.56	N10	W10	0.7
SNW10 x 1-5/8	1-5/8	1.77	2.69	0.56	N10	W10	0.7
SNW10 x 1-3/4	1-3/4	1.77	2.69	0.56	N10	W10	0.7
SNW11 x 1-13/16	1-13/16	1.85	2.97	0.56	N11	W11	0.8
SNW11 x 1-3/4	1-3/4	1.85	2.97	0.56	N11	W11	0.8
SNW11 x 1-7/8	1-7/8	1.85	2.97	0.56	N11	W11	0.8
SNW11 x 1-15/16	1-15/16	1.85	2.97	0.56	N11	W11	0.9
SNW11 x 2	2	1.85	2.97	0.56	N11	W11	0.9
SNW13 x 2	2	2.10	3.38	0.63	N13	W13	1.0
SNW13 x 2-3/16	2-3/16	2.10	3.38	0.63	N13	W13	1.4
SNW13 x 2-1/4	2-1/4	2.10	3.38	0.63	N13	W13	1.4
SNW13 x 2-5/16	2-5/16	2.10	3.38	0.63	N13	W13	1.3
SNW15 x 2-3/8	2-3/8	2.30	3.88	0.67	AN15	W15	2.4
SNW15 x 2-1/2	2-1/2	2.30	3.88	0.67	AN15	W15	2.3
SNW15 x 2-7/16	2-7/16	2.30	3.88	0.67	AN15	W15	2.2
SNW15 x 2-5/8	2-5/8	2.30	3.88	0.67	AN15	W15	2.2
SNW16 x 2-11/16	2-11/16	2.38	4.16	0.67	AN16	W16	2.4
SNW16 x 2-3/4	2-3/4	2.38	4.16	0.67	AN16	W16	2.4
SNW17 x 2-15/16	2-15/16	2.49	4.41	0.70	AN17	W17	2.9
SNW17 x 3	3	2.49	4.41	0.70	AN17	W17	2.9
SNW18 x 3-3/16	3 -3/16	2.65	4.66	0.78	AN18	W18	4.0
SNW18 x 3-1/4	3-1/4	2.49	4.66	0.78	AN18	W18	4.0
SNW20 x 3-7/16	3-7/16	2.87	5.19	0.84	AN20	W20	4.0
SNW20 x 3-1/2	3-1/2	2.87	5.19	0.84	AN20	W20	4.0
SNW22 x 3-11/16	3-11/16	3.21	5.72	0.91	AN22	W22	4.9
SNW22 x 3-15/16	3-15/16	3.21	5.72	0.91	AN22	W22	4.8
SNW22 x 4	4	3.21	5.72	0.91	AN22	W22	4.8
SNW24 x 4-3/16	4-3/16	3.47	6.13	0.94	AN24	W24	6.2
SNW24 x 4-1/4	4-1/4	3.47	6.13	0.94	AN24	W24	6.2
SNW26 x 4-7/16	4-7/16	3.76	6.75	1.00	AN26	W26	9.7
SNW26 x 4-1/2	4-1/2	3.76	6.75	1.00	AN26	W26	9.7
SNW28 x 4-7/8	4 7/8	3.98	7.09	1.06	AN28	W28	10.5
SNW28 x 4-15/16	4-15/16	3.98	7.09	1.06	AN28	W28	10.5
SNW28 x 5	5	3.98	7.09	1.06	AN28	W28	10.5
SNW30 x 5-3/16	5-3/16	4.24	7.69	1.13	AN30	W30	16.0
SNW30 x 5-1/4	5-1/4	4.24	7.69	1.13	AN30	W30	16.0
SNW32 x 5-7/16	5-7/16	4.58	8.06	1.19	AN32	W32	16.0
SNW32 x 5-1/2	5-1/2	4.58	8.06	1.19	AN32	W32	16.0
SNW32 x 5-3/4	5-3/4	4.58	8.06	1.19	AN32	W32	16.0
SNW34 x 5-15/16	5-15/16	4.85	8.66	1.22	AN34	W34	19.5
SNW34 x 6	6	4.85	8.66	1.22	AN34	W34	19.5
SNW36 x 6-7/16	6-7/16	5.04	9.06	1.25	AN36	W36	20.5
SNW36 x 6-1/2	6-1/2	5.04	9.06	1.25	AN36	W36	20.5
SNW38 x 6-15/16	6-15/16	5.26	9.47	1.28	AN38	W38	23.5
SNW38 x 7	7	5.26	9.47	1.28	AN38	W38	23.5
SNW40 x 7-3/16	7-3/16	5.48	9.84	1.34	AN40	W40	30.5
SNW40 x 7-3/8	7-3/8	5.48	9.84	1.34	AN40	W40	30.5
SNW44 x 7-1/2	7-1/2	5.90	11.00	1.41	AN44	W44	32.5
SNW44 x 7-7/8	7-7/8	5.90	11.00	1.41	AN44	W44	32.5
SNW44 x 7-15/16	7-15/16	5.90	11.00	1.41	AN44	W44	32.5
SNW44 x 8	8	5.90	11.00	1.41	AN44	W44	32.5

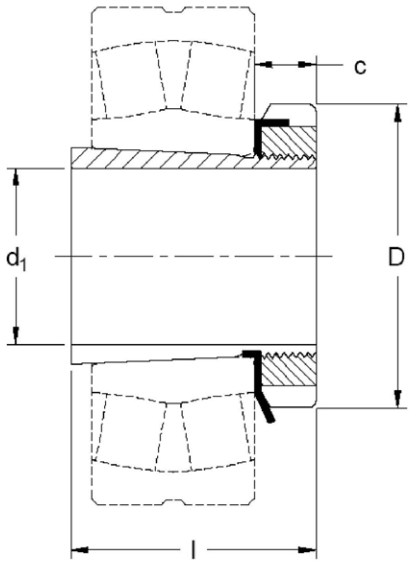
Adapter Sleeves

SNW100 Series
SNW3000 Series
Inch Bores

With Nut and Washer

For 223 and 232 Series Spherical Bearings





For 230 Series Spherical Bearings

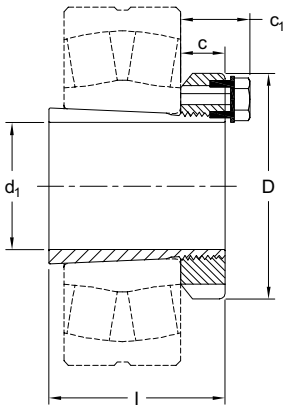
Part No.	Dimension (in)				Nut	Lock Washer	Weight lb
	d_1	l	D	c			
SNW109 x 1-7/16	1-7/16	2.13	2.53	0.50	N09	W09	0.7
SNW109 x 1-1/2	1-1/2	2.13	2.53	0.50	N09	W09	0.7
SNW110 x 1-11/16	1-11/16	2.39	2.69	0.56	N10	W10	0.9
SNW110 x 1-3/4	1-3/4	2.39	2.69	0.56	N10	W10	0.9
SNW111 x 1-7/8	1-7/8	2.52	2.97	0.56	N11	W11	0.9
SNW111 x 1-15/16	1-15/16	2.52	2.97	0.56	N11	W11	0.9
SNW111 x 2	2	2.52	2.97	0.56	N11	W11	0.9
SNW113 x 2-1/4	2-1/4	2.77	3.38	0.63	N13	W13	1.8
SNW113 x 2-3/16	2-3/16	2.77	3.38	0.63	N13	W13	1.8
SNW115 x 2-3/8	2-3/8	3.08	3.88	0.70	AN15	W15	3.0
SNW115 x 2-7/16	2-7/16	3.08	3.88	0.70	AN15	W15	3.0
SNW115 x 2-1/2	2-1/2	3.08	3.88	0.70	AN15	W15	3.0
SNW116 x 2-11/16	2-11/16	3.20	4.16	0.67	AN16	W16	3.2
SNW116 x 2-3/4	2-3/4	3.20	4.16	0.67	AN16	W16	3.2
SNW117 x 2-15/16	2-15/16	3.31	4.41	0.70	AN17	W17	3.4
SNW117 x 3	3	3.31	4.41	0.70	AN17	W17	3.4
SNW118 x 3-3/16	3-3/16	3.55	4.66	0.78	AN18	W18	4.0
SNW118 x 3-1/4	3-1/4	3.55	4.66	0.78	AN18	W18	4.0
SNW120 x 3-7/16	3-7/16	3.97	5.19	0.84	AN20	W20	6.3
SNW120 x 3-1/2	3-1/2	3.97	5.19	0.84	AN20	W20	6.3
SNW122 x 3-11/16	3-11/16	4.35	5.72	0.91	AN22	W22	6.5
SNW122 x 3-15/16	3-15/16	4.35	5.72	0.91	AN22	W22	6.5
SNW122 x 4	4	4.35	5.72	0.91	AN22	W22	6.5
SNW124 x 4-3/16	4-3/16	4.65	6.13	0.94	AN24	W24	7.8
SNW124 x 4-1/4	4-1/4	4.65	6.13	0.94	AN24	W24	7.8
SNW126 x 4-7/16	4-7/16	4.98	6.75	1.00	AN26	W26	12.5
SNW126 x 4-1/2	4-1/2	4.98	6.75	1.00	AN26	W26	12.5
SNW128 x 4-15/16	4-15/16	5.32	7.09	1.06	AN28	W28	13.0
SNW128 x 5	5	5.32	7.09	1.06	AN28	W28	13.0
SNW130 x 5-3/16	5-3/16	5.62	7.69	1.13	AN30	W30	18.0
SNW130 x 5-1/4	5-1/4	5.62	7.69	1.13	AN30	W30	18.0
SNW132 x 5-7/16	5-7/16	5.92	8.06	1.19	AN32	W32	18.0
SNW134 x 5-15/16	5-15/16	6.19	8.66	1.22	AN34	W34	21.0
SNW134 x 6	6	6.19	8.66	1.22	AN34	W34	21.0
SNW136 x 6-7/16	6-7/16	6.46	9.06	1.25	AN36	W36	20.5
SNW136 x 6-1/2	6-1/2	6.46	9.06	1.25	AN36	W36	20.5
SNW138 x 6-15/16	6-15/16	6.76	9.47	1.28	AN38	W38	28.0
SNW138 x 7	7	6.76	9.47	1.28	AN38	W38	28.0
SNW140 x 7-3/16	7-3/16	7.10	9.84	1.34	AN40	W40	35.5
SNW144 x 7-15/16	7-15/16	7.29	11.00	1.41	AN44	W44	46.5
SNW144 x 8	8	7.29	11.00	1.41	AN44	W44	46.5
SNW3024 x 4-3/16	4-3/16	2.95	5.69	0.94	N024	W024	6.2
SNW3026 x 4-7/16	4-7/16	3.24	6.13	1.00	N026	W026	7.5
SNW3026 x 4-1/2	4-1/2	3.24	6.13	1.00	N026	W026	7.5
SNW3028 x 4-15/16	4-15/16	3.34	6.50	1.06	N028	W028	8.5
SNW3028 x 5	5	3.34	6.50	1.06	N028	W028	8.5
SNW3030 x 5-3/16	5-3/16	3.49	7.13	1.13	N030	W030	9.8
SNW3030 x 5-1/4	5-1/4	3.49	7.13	1.13	N030	W030	9.8
SNW3032 x 5-7/16	5-7/16	3.71	7.50	1.19	N032	W032	12.0
SNW3034 x 5-15/16	5-15/16	4.02	7.88	1.22	N034	W034	13.5
SNW3034 x 6	6	4.02	7.88	1.22	N034	W034	13.5
SNW3036 x 6-7/16	6-7/16	4.34	8.25	1.25	N036	W036	15.0
SNW3036 x 6-1/2	6-1/2	4.34	8.25	1.25	N036	W036	15.0
SNW3038 x 6-15/16	6-15/16	4.41	8.69	1.28	N038	W038	17.0
SNW3038 x 7	7	4.41	8.69	1.28	N038	W038	17.0
SNW3040 x 7-3/16	7-3/16	4.75	9.44	1.34	N040	W040	19.5
SNW3044 x 7-15/16	7-15/16	5.13	10.25	1.38	N044	W044	24.5
SNW3044 x 8	8	5.13	10.25	1.38	N044	W044	24.5

Adapter Sleeves

SNP 3000 Series
Inch Bores

With Nut and Washer
For 230 Series Spherical Bearings





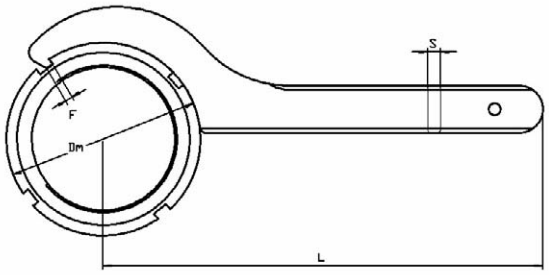
Part No.	Dimension (in)					Nut	Lock Washer	Weight. lb
	d_1	l	D	c	C_1			
SNP3048 x 8-7/16	8-7/16	5.43	11.44	1.70	2.17	N048	P48	31.0
SNP3048 x 8-1/2	8-1/2	5.43	11.44	1.70	2.17	N048	P48	31.0
SNP3048 x 8-15/16	8-15/16	5.43	11.44	1.70	2.17	N048	P48	32.0
SNP3048 x 9	9	5.43	11.44	1.70	2.17	N048	P48	32.0
SNP3052 x 9-7/16	9-7/16	6.02	12.19	1.77	2.17	N052	P52	41.0
SNP3052 x 9-1/2	9-1/2	6.02	12.19	1.77	2.17	N052	P52	40.0
SNP3056 x 9-15/16	9-15/16	6.19	13.00	1.86	2.33	N056	P56	47.0
SNP3056 x 10	10	6.19	13.00	1.86	2.33	N056	P56	46.0
SNP3056 x 10-7/16	10-7/16	6.19	13.00	1.86	2.33	N056	P56	45.0
SNP3056 x 10-1/2	10-1/2	6.19	13.00	1.86	2.33	N056	P56	45.0
SNP3060 x 10-15/16	10-15/16	6.73	14.19	1.97	2.44	N060	P60	59.0
SNP3060 x 11	11	6.73	14.19	1.97	2.44	N060	P60	59.0
SNP3064 x 11-1/2	11-1/2	6.95	15.00	2.06	2.57	N064	P64	66.0
SNP3064 x 12	12	6.95	15.00	2.06	2.57	N064	P64	66.0
SNP3068 x 12-7/16	12-7/16	7.54	15.75	2.19	2.70	N068	P68	78.0
SNP3068 x 12-1/2	12-1/2	7.54	15.75	2.19	2.70	N068	P68	78.0
SNP3072 x 13-7/16	13-7/16	7.58	16.50	2.19	2.70	N072	P72	86.0
SNP3076 x 13-15/16	13-15/16	7.74	17.75	2.41	2.96	N076	P76	95.0
SNP3076 x 14	14	7.74	17.75	2.41	2.96	N076	P76	95.0
SNP3080 x 15	15	8.41	18.50	2.56	3.11	N080	P80	100.0
SNP3084 x 15-3/4	15-3/4	8.50	19.31	2.56	3.11	N084	P84	105.0
SNP3088 x 16	16	8.98	20.47	2.36	3.03	N088	P88	143.0
SNP3088 x 16-1/2	16-1/2	8.98	20.47	2.36	3.03	N088	P88	143.0
SNP3092 x 17	17	9.21	21.26	2.36	3.03	N092	P92	153.0
SNP3096 x 18	18	9.33	22.05	2.36	3.03	N096	P96	161.0
SNP3500 x 18-1/2	18-1/2	9.72	22.83	2.68	3.21	N500	P500	180.0

Note: C_1 dimension is approximate.

Spanner Wrenches

22-248mm Diameter Nuts





Part No.	Fits Metric Locknut	Fits Inch Locknut	Dm mm	F mm	L mm	S mm
HN1	KM1	N01	22	2	100	4.7
HN2	KM2	N02	25	2.5	100	4.7
HN3	KM3	N03	28	2.5	100	4.7
HN4	KM4	N04	32	2.5	120	4.7
HN5	KM5	N05	38	3	150	4.7
HN6	KM6	N06	45	3.5	180	6.3
HN7	KM7	N07	52	3.5	180	6.3
HN8	KM8	N08	58	4	210	8
HN9	KM9	N09	65	4	210	8
HN10	KM10	N10	70	4	210	8
HN11	KM11	N11	75	4	210	8
HN12	KM12	N12	80	5	240	8
HN13	KM13	N13	85	5	240	8
HN14	KM14	N14	92	5	240	8
HN15	KM15	AN15	98	5	240	8
HN16	KM16	AN16	105	5	240	8
HN17	KM17	AN17	110	5	280	12.7
HN18	KM18	AN18	120	5	280	12.7

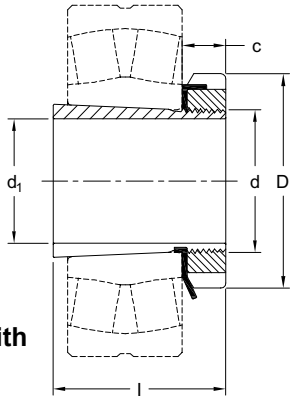
Part No.	Fits Metric Locknut	Fits Inch Locknut	Dm mm	F mm	L mm	S mm
HN19	KM19	AN19	125	5	280	12.7
HN20	KM20	AN20	130	5	280	12.7
HN21	KM21	AN21	140	6	320	12.7
HN22	KM22	N022 / AN22	145	6	320	12.7
HN23	KM23	—	148	11	394	12.7
HN24	KM24	N024 / AN24	153	11	417	12.7
HN25	KM25	—	158	11	429	127
HN26	KM26	N026 / AN26	163	11	437	12.7
HN27	KM27	—	173	13	452	15.8
HN28	KM28	N028 / AN28	178	13	464	15.8
HN29	KM29	—	188	13	484	15.8
HN30	KM30	N030 / AN30	193	13	497	15.8
HN31	KM31	—	198	15	509	15.8
HN32/33	KM32/33	N032 / AN32	208	15	519	15.8
HN34	KM34	N034 / AN34	218	15	544	15.8
HN36	KM36	N036 / AN36	228	17	564	15.8
HN38	KM38	N038 / AN38	238	17	584	15.8
HN40	KM40	N040 / AN40	248	17	604	15.8

Adapter Sleeves

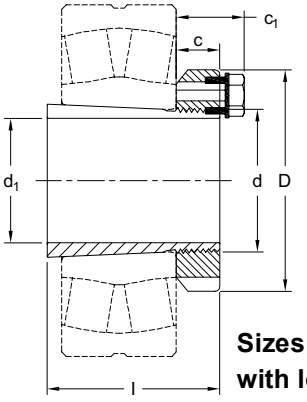
H200 Series
H3000 Series
Metric & Inch Bores

For 200 and 230 Series Spherical Bearings





Sizes thru 40 with nut and washer



Sizes 44 and up with locking clip

H 200 Series

Metric Bore		Inch Bore		Other Stock	Dimensions (mm)						Lock	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1	Nut	Washer	kg
H204	17	—	—	—	20	24	32	7	—	KM4	MB4	0.1
H205	20	H205 x 3/4	3/4	—	25	26	38	8	—	KM5	MB5	0.1
H206	25	H206 x 1	1	—	30	27	45	8	—	KM6	MB6	0.1
H207	30	H207 x 1-3/16	1-3/16	—	35	29	52	9	—	KM7	MB7	0.1
H208	35	H208 x 1-1/4	1-1/4	—	40	31	58	10	—	KM8	MB8	0.2
H209	40	H209 x 1-7/16	1-7/16	1-1/2	45	33	65	11	—	KM9	MB9	0.2
H210	45	H210 x 1-11/16	1-11/16	1-3/4	50	35	70	12	—	KM10	MB10	0.3
H211	50	H211 x 1-15/16	1-15/16	2	55	37	75	12	—	KM11	MB22	0.3
H212	55	—	—	—	60	38	80	13	—	KM12	MB12	0.4
H213	60	H213 x 2-3/16	2-3/16	2-1/4	65	40	85	14	—	KM13	MB13	0.4
H214	60	—	—	—	70	41	92	14	—	KM14	MB14	0.6
H215	65	H215 x 2-7/16	2-7/16	2-1/2	75	43	98	15	—	KM15	MB15	0.7
H216	70	H216 x 2-11/16	2-11/16	2-3/4	80	46	105	17	—	KM16	MB16	0.9
H217	75	H217 x 2-15/16	2-15/16	3	85	50	110	18	—	KM17	MB17	1.0
H218	80	H218 x 3-3/16	3-3/16	—	90	52	120	18	—	KM18	MB18	1.2
H219	85	H219 x 3-1/4	3-1/4	—	95	55	125	19	—	KM19	MB19	1.3
H220	90	H220 x 3-7/16	3-7/16	3-1/2	100	58	130	20	—	KM20	MB20	1.5
H221	95	—	—	—	105	60	140	20	—	KM21	MB21	1.7
H222	100	H222 x 4	4	—	110	63	145	21	—	KM22	MB22	1.9

H3000 Series

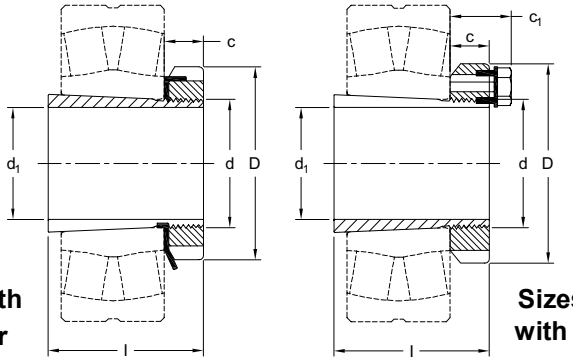
Metric Bore		IncHBore		Other Stock	Dimensions (mm)						Lock	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1	Nut	Washer	kg
H3024	110	H3024 x 4-3/16	4-3/16	4-1/4	120	72	145	22	—	KML24	MBL24	2.0
H3026	115	H3026 x 4-7/16	4-7/16	4-1/2	130	80	155	23	—	KML26	MBL26	2.9
H3028	125	H3028 x 4-15/16	4-15/16	5	140	82	165	24	—	KML28	MBL28	3.2
H3030	135	H3030 x 5-3/16	5-3/16	5-1/4	150	87	180	26	—	KML30	MBL30	3.9
H3032	140	H3032 x 5-7/16	5-7/16	5-1/2	160	93	190	27.5	—	KML32	MBL32	5.2
H3034	150	H3034 x 5-15/16	5-15/16	6	170	101	200	28.5	—	KML34	MBL34	6.0
H3036	160	H3036 x 6-7/16	6-7/16	6-1/2	180	109	210	29.5	—	KML36	MBL36	6.9
H3038	170	H3038 x 6-15/16	6-15/16	7	190	112	220	30.5	—	KML38	MBL38	7.5
H3040	180	H3040 x 7-3/16	7-3/16	—	200	120	240	31.5	—	KML40	MBL40	9.2
H3044	200	H3044 x 7-15/16	7-15/16	8	220	128	260	30	41	HM3044	MS3044	10.3
H3048	220	H3048 x 8-7/16	8-7/16	8-1/2, 8-15/16, 9	240	133	290	34	46	HM3048	MS3048	13.2
H3052	240	H3052 x 9-7/16	9-7/16	9-1/2	260	147	310	34	46	HM3052	MS3052	15.3
H3056	260	H3056 x 9-15/16	9-15/16	10, 10-7/16, 10-1/2	280	152	330	38	50	HM3056	MS3056	17.7
H3060	280	H3060 x 10-15/16	10-15/16	11	300	168	360	42	54	HM3060	MS3060	22.8
H3064	300	H3064 x 11-15/16	11-15/16	11-1/2, 12	320	171	380	42	55	HM3064	MS3064	24.6
H3068	320	H3068 x 12-1/2	12-1/2	12-7/16	340	187	400	45	58	HM3068	MS3068	28.7
H3072	340	H3072 x 12-15/16	12-15/16	13, 13-7/16	360	188	420	45	58	HM3072	MS3072	30.5
H3076	360	H3076 x 13-15/16	13-15/16	14	380	193	450	48	62	HM3076	MS3076	35.8
H3080	380	H3080 x 15	15	14-15/16	400	210	470	52	66	HM3080	MS3080	41.3
H3084	400	H3084 x 15-3/4	15-3/4	—	420	212	490	52	66	HM3084	MS3084	43.7
H3088	410	H3088 x 16-1/2	16-1/2	—	440	228	520	60	77	HM3088	MS3088	65.2
H3092	430	H3092 x 17	17	—	460	234	540	60	77	HM3092	MS3092	69.5
H3096	450	H3096 x 18	18	—	480	237	560	60	77	HM3096	MS3096	73.3

Note: Hydraulic Adapter sleeves are also available with oil ducts for hydraulic removal.

Adapter Sleeves

H300 Series (for 222 Series Bearings)
H3100 Series (for 231 Series Bearings)
Metric & Inch Bores





Sizes thru 40 with nut and washer

Sizes 44 and up with locking clip

H300 Series

Metric Bore		Inch Bore		Other Stock	Dimensions (mm)					Nut	Lock	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1		Washer	kg
H304	17	—	—	—	20	28	32	7	—	KM4	MB4	0.1
H305	20	H305 x 3/4	3/4	11/16	25	29	38	8	—	KM5	MB5	0.1
H306	25	H306 x 15/16	15/16	1	30	31	45	8	—	KM6	MB6	0.1
H307	30	H307 x 1-3/16	1-3/16	1-1/8, 1-1/4	35	35	52	9	—	KM7	MB7	0.1
H308	35	H308 x 1-1/4	1-1/4	—	40	36	58	10	—	KM8	MB8	0.2
H309	40	H309 x 1-7/16'	1-7/16	1-1/2	45	39	65	11	—	KM9	MB9	0.3
H310	45	H310 x 1-11/16	1-11/16	1-3/4	50	42	70	12	—	KM10	MB10	0.3
H311	50	H311 x 1-15/16	1-15/16	2	55	45	75	12	—	KM11	MB11	0.3
H312	55	H312 x 2-1/8	2-1/8	—	60	47	80	13	—	KM12	MB12	0.4
H313	60	H313 x 2-3/16	2-3/16	2-1/4	65	50	85	14	—	KM13	MB13	0.5
H314	60	H314 x 2-5/16	2-5/16	—	70	52	92	14	—	KM14	MB14	0.7
H315	65	H315 x 2-7/16	2-7/16	2-1/2	75	55	98	15	—	KM15	MB15	0.8
H316	70	H316 x 2-11/16	2-11/16	2-3/4	80	59	105	17	—	KM16	MB16	1.0
H317	75	H317 x 2-15/16	2-15/16	3	85	63	110	18	—	KM17	MB17	1.2
H318	80	H318 x 3-3/16	3-3/16	3-1/4	90	65	120	18	—	KM18	MB18	1.4
H319	85	H319 x 3-5/16	3-5/16	3-3/8	95	68	125	19	—	KM19	MB19	1.6
H320	90	H320 x 3-7/16	3-7/16	3-1/2	100	71	130	20	—	KM20	MB20	1.7
H321	95	H321 x 3-11/16	3-11/16	3-3/4	105	74	140	20	—	KM21	MB21	2.0
H322	100	H322 x 3-15/16	3-15/16	4	110	77	145	21	—	KM22	MB22	2.2

H3100 Series

Metric Bore		Inch Bore		Other Stock	Dimensions (mm)					Nut	Lock	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1		Washer	kg
H3120	90	H3120 x 3-7/16	3-7/16	3-1/2	100	76	130	20	—	KM20	MB20	1.8
H3122	100	H3122 x 3-15/16	3-15/16	4	110	81	145	21	—	KM22	MB22	2.3
H3124	110	H3124 x 4-3/16	4-3/16	4-1/4	120	88	155	22	—	KM24	MB24	2.7
H3126	115	H3126 x 4-7/16	4-7/16	4-1/2	130	92	165	23	—	KM26	MB26	3.7
H3128	125	H3128 x 4-15/16	4-15/16	5	140	97	180	24	—	KM28	MB28	4.4
H3130	135	H3130 x 5-3/16	5-3/16	5-1/4	150	111	195	26	—	KM30	MB30	5.5
H3132	140	H3132 x 5-7/16	5-7/16	5-1/2	160	119	210	28	—	KM32	MB32	7.7
H3134	150	H3134 x 5-15/16	5-15/16	6	170	122	220	29	—	KM34	MB34	8.4
H3136	160	H3136 x 6-7/16	6-7/16	6-1/2	180	131	230	30	—	KM36	MB36	9.5
H3138	170	H3138 x 6-15/16	6-15/16	7	190	141	240	31	—	KM38	MB38	11.0
H3140	180	H3140 x 7-3/16	7-3/16	—	200	150	250	32	—	KM40	MB40	12.0
H3144	200	H3144 x 7-15/16	7-15/16	8	220	161	280	32	44	HM3144	MS3144	14.7
H3148	220	H3148 x 8-1/2	8-1/2	—	240	172	300	34	46	HM3148	MS3148	17.3
H3152	240	H3152 x 9-1/2	9-1/2	9-7/16	260	190	330	36	49	HM3152	MS3152	22.0
H3156	260	H3156 x 10-7/16	10-7/16	10-1/2	280	195	350	38	51	HM3156	MS3156	24.5
H3160	280	H3160 x 11	11	10-15/16	300	208	380	40	53	HM3160	MS3160	30.2
H3164	300	H3164 x 11-1/2	11-1/2	11-7/16, 11-15/16, 12	320	226	400	42	56	HM3164	MS3164	34.9
H3168	320	H3168 x 12-1/2	12-1/2	12-7/16	340	254	440	55	72	HM3168	MS3168	49.5
H3172	340	H3172 x 13	13	12-15/16, 13-7/16, 13-1/2	360	259	460	58	75	HM3172	MS3172	54.2
H3176	360	H3176 x 14	14	13-15/16	380	264	490	60	77	HM3176	MS3176	61.7
H3180	380	H3180 x 15	15	14-15/16	400	272	520	62	82	HM3180	MS3180	70.6
H3184	400	H3184 x 15-3/4	15-3/4	—	420	304	540	70	90	HM3184	MS3184	84.2
H3188	410	H3188 x 16-1/2	16-1/2	—	440	307	560	70	90	HM3188	MS3188	104.0
H3192	430	H3192 x 17	17	—	460	326	580	75	95	HM3192	MS3192	116.0
H3196	450	H3196 x 18	18	—	480	335	620	75	95	HM3196	MS3196	133.0

Note: Hydraulic Adapter sleeves, from size OH3132 are also available with oil ducts for hydraulic removal.

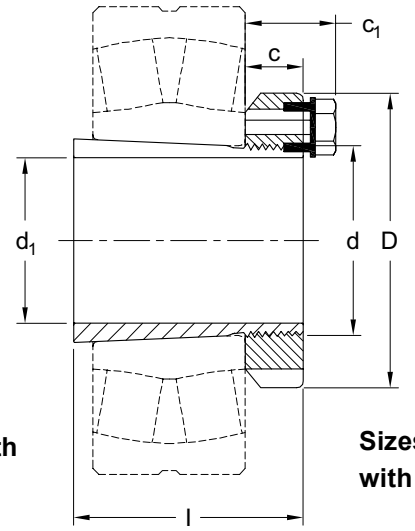
Adapter Sleeves

H 2300 Series

For 223 Series Spherical Bearings

Metric & Inch Bores





Sizes thru 40 with nut and washer

Sizes 44 and up with locking clip

H2300 Series

Metric Bore		Inch Bore	Other Stock Bores	Dimensions in mm					Nut	Lock Washer	Weight kg
Part No.	d_1	Part No.		d	l	D	c	c_1			
H2304	17	—	—	20	31	32	7	—	KM4	MB4	0.1
H2305	20	H2305 x 3/4	—	25	35	38	8	—	KM5	MB5	0.1
H2306	25	H2306 x 7/8	15/16, 1	30	38	45	8	—	KM6	MB6	0.1
H2307	30	H2307 x 1-3/16	1-1/8	35	43	52	9	—	KM7	MB7	0.2
H2308	35	H2308 x 1-1/4	1-3/8, 1-5/16	40	46	58	10	—	KM8	MB8	0.2
H2309	40	H2309 x 1-7/16	1-1/2	45	50	65	11	—	KM9	MB9	0.3
H2310	45	H2310 x 1-11/16	1-3/4	50	55	70	12	—	KM10	MB10	0.4
H2311	50	H2311 x 1-7/8	1-15/16, 2	55	59	75	12	—	KM11	MB11	0.4
H2312	55	H2312 x 2-1/8	—	60	62	80	13	—	KM12	MB12	0.5
H2313	60	H2313 x 2-3/16	2-1/4, 2-3/8	65	65	85	14	—	KM13	MB13	0.6
H2314	60	—	—	70	68	92	14	—	KM14	MB14	0.9
H2315	65	H2315 x 2-7/16	2-1/2, 2-5/8	75	73	98	15	—	KM15	MB15	1.1
H2316	70	H2316 x 2-11/16	2-3/4	80	78	105	17	—	KM16	MB16	1.3
H2317	75	H2317 x 2-15/16	3	85	82	110	18	—	KM17	MB17	1.5
H2318	80	H2318 x 3-3/16	3-1/4	90	86	120	18	—	KM18	MB18	1.7
H2319	85	H2319 x 3-1/4	—	95	90	125	19	—	KM19	MB19	1.9
H2320	90	H2320 x 3-7/16	3-1/2	100	97	130	20	—	KM20	MB20	2.2
H2321	95	—	-	105	101	140	20	—	KM21	MB21	2.5
H2322	100	H2322 x 3-15/16	4	110	105	145	21	—	KM22	MB22	2.8
H2324	110	H2324 x 4-3/16	4-1/4	120	112	155	22	—	KM24	MB24	3.2
H2326	115	H2326 x 4-7/16	4-1/2	130	121	165	23	—	KM26	MB26	4.6
H2328	125	H2328 x 4-15/16	5	140	131	180	24	—	KM28	MB28	5.5
H2330	135	H2330 x 5-3/16	5-1/4	150	139	195	26	—	KM30	MB30	6.6
H2332	140	H2332 x 5-7/16	5-1/2	160	147	210	28	—	KM32	MB32	9.2
H2334	150	H2334 x 5-15/16	6	170	154	220	29	—	KM34	MB34	10.0
H2336	160	H2336 x 6-7/16	6-1/2	180	161	230	30	—	KM36	MB36	11.0
H2338	170	H2338 x 6-15/16	6-3/4	190	169	240	31	—	KM38	MB38	12.5
H2340	180	H2340 x 7-3/16	7	200	176	250	32	—	KM40	MB40	14.0
H2344	200	H2344 x 7-15/16	—	220	186	280	32	44	HM3144	MS3144	16.7
H2348	220	H2348 x 8-15/16	—	240	199	300	34	46	HM3148	MS3148	19.7
H2352	240	H2352 x 9-7/16	—	260	211	330	36	49	HM3152	MS3152	24.2
H2356	260	—	—	280	224	350	38	51	HM3156	MS3156	27.8

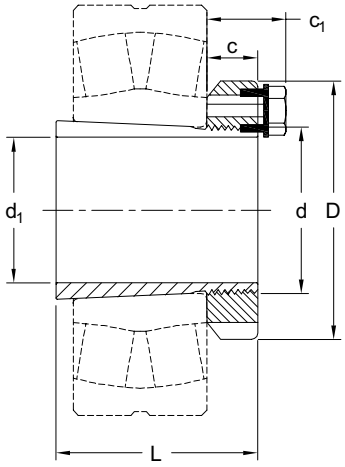
Note: Hydraulic Adapter sleeves, from size OH2332 are also available with oil ducts on the outer and inner diameter for hydraulic removal.

Adapter Sleeves

H3200 Series
Metric & Inch Bores
With Nut and Lock Plate



Use with 232 Series Spherical Bearings



H3200 Series

Dimensions in **mm**

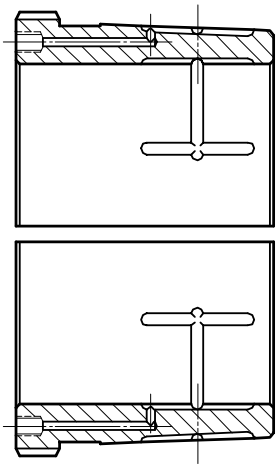
Metric Bore		Inch Bore		Other Stock Bores	Dimensions (mm)					Standard Nut	Lock Plate	Lock Plate Bolt	Weight kg
Part No.	d_1	Part No.	d_1		d	L	D	c	c_1				
H3252	240	H3252 x 9-1/2	9-1/2	9-7/16	260	221	330	36	51	HM3152	MS3152	M8 x 16	21
H3256	260	H3256 x 10	10	9-15/16, 10-7/16, 10-1/2	280	223	350	38	53	HM3156	MS3156	M8 x 16	23
H3260	280	H3260 x 11	11	10-15/16	300	240	380	40	54	HM3160	MS3160	M10 x 30	34
H3264	300	H3264 x 12	12	11-7/16, 11-1/2, 11-15/16	320	258	400	42	55	HM3164	MS3164	M10 x 30	40
H3268	320	H3268 x 12-1/2	12-1/2	12-7/16	340	288	440	55	70	HM3168	MS3168	M12 x 25	55
H3272	340	H3272 x 13	13	12-15/16, 13-7/16, 13-1/2	360	299	460	58	73	HM3172	MS3172	M12 x 25	61
H3276	360	H3276 x 14	14	13-15/16	380	310	490	60	75	HM3176	MS3176	M12 x 25	70
H3280	380	H3280 x 15	15	14-15/16	400	328	520	62	77	HM3180	MS3180	M16 x 30	76
H3284	400	H3284 x 15-3/4	15-3/4	—	420	352	540	70	85	HM3184	MS3184	M16 x 30	94
H3288	410	H3288 x 16-1/2	16-1/2	—	440	361	560	70	85	HM3188	MS3188	M16 x 30	118
H3292	430	H3292 x 17	17	—	460	382	580	75	90	HM3192	MS3192	M16 x 30	132
H3296	450	H3296 x 18	18	—	480	397	620	75	90	HM3196	MS3196	M16 x 30	152

Note: Larger Adapters on request. Sizes to H32/1000 possible. Hydraulic Nuts - - E are also available to assist in bearing mounting. See Hydraulic Nut page. Sleeves also available as Hydraulic OH Series Adapters.

Hydraulic Adapter Sleeves

Nuts and Withdrawal Sleeves

Hydraulic Adapter Sleeves and Withdrawal Sleeves are available on bores that exceed 200mm (8" inch). Adding this feature to smaller units is possible when requested. The oil channels allow hyrdaulic fluid to expand the bearing inner ring slightly to assist installation and removal. Hydraulic nuts to assist installation are also available.





Hydraulic Adapter Sleeve



Hydraulic Withdrawal Sleeve



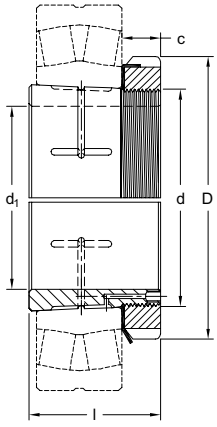
Hydraulic Nut

Hydraulic Adapter Sleeves

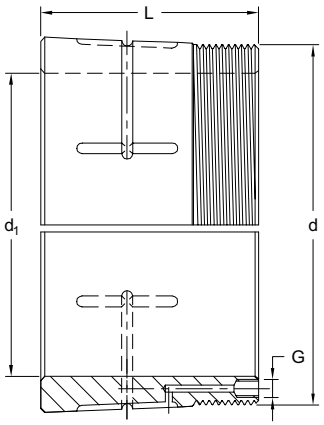
OH3000 Series
OH3100 Series
Metric & Inch Bores

For 230 and 231 Series Spherical Bearings





Sizes 44 and up with locking plate



Oil groves for Hydraulic removal

OH 3000 Series

Metric Bore		Inch Bore		Other Stock	Dimensions (mm)					Nut	Lock	G	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1		Washer		kg
OH3032	140	OH3032 x 5-7/16	5-7/16	5-1/2	160	93	190	27.5	—	KML32	MBL32	M6	5.2
OH3034	150	OH3034 x 5-15/16	5-15/16	6	170	101	200	28.5	—	KML34	MBL34	M6	6.0
OH3036	160	OH3036 x 6-7/16	6-7/16	6-1/2	180	109	210	29.5	—	KML36	MBL36	M6	6.9
OH3038	170	OH3038 x 6-15/16	6-15/16	7	190	112	220	30.5	—	KML38	MBL38	M6	7.5
OH3040	180	OH3040 x 7-3/16	7-3/16	—	200	120	240	31.5	—	KML40	MBL40	M6	9.2
OH3044	200	OH3044 x 7-15/16	7-15/16	8	220	128	260	30	41	HM3044	MS3044	M6	10.3
OH3048	220	OH3048 x 8-7/16	8-7/16	8-1/2, 8-15/16, 9	240	133	290	34	46	HM3048	MS3048	M6	13.2
OH3052	240	OH3052 x 9-7/16	9-7/16	9-1/2	260	147	310	34	46	HM3052	MS3052	M6	15.3
OH3056	260	OH3056 x 9-15/16	9-15/16	10, 10-7/16, 10-1/2	280	152	330	38	50	HM3056	MS3056	M6	17.7
OH3060	280	OH3060 x 10-15/16	10-15/16	11	300	168	360	42	54	HM3060	MS3060	M6	22.8
OH3064	300	OH3064 x 11-15/16	11-15/16	11-1/2, 12	320	171	380	42	55	HM3064	MS3064	M6	24.6
OH3068	320	OH3068 x 12-1/2	12-1/2	12-7/16	340	187	400	45	58	HM3068	MS3068	M6	28.7
OH3072	340	OH3072 x 12-15/16	12-15/16	13, 13-7/16	360	188	420	45	58	HM3072	MS3072	M6	30.5
OH3076	360	OH3076 x 13-15/16	13-15/16	14	380	193	450	48	62	HM3076	MS3076	M6	35.8
OH3080	380	OH3080 x 15	15	14-15/16	400	210	470	52	66	HM3080	MS3080	M6	41.3
OH3084	400	OH3084 x 15-3/4	15-3/4	—	420	212	490	52	66	HM3084	MS3084	M6	43.7
OH3088	410	OH3088 x 16-1/2	16-1/2	—	440	228	520	60	77	HM3088	MS3088	M8	65.2
OH3092	430	OH3092 x 17	17	—	460	234	540	60	77	HM3092	MS3092	M8	69.5
OH3096	450	OH3096 x 18	18	—	480	237	560	60	77	HM3096	MS3096	M8	73.3

OH 3100 Series

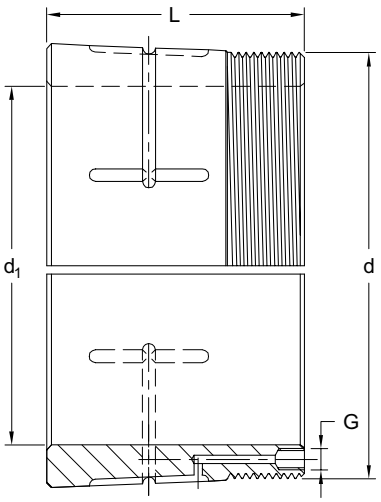
Metric Bore		IncHBore		Other Stock	Dimensions (mm)					Nut	Lock	G	Weight
Part No.	d_1	Part No.	d_1	Bores	d	l	D	c	c_1		Washer		kg
OH3132	140	OH3132 x 5-7/16	5-7/16	5-1/2	160	119	210	28	—	KM32	MB32	M6	7.7
OH3134	150	OH3134 x 5-15/16	5-15/16	6	170	122	220	29	—	KM34	MB34	M6	8.4
OH3136	160	OH3136 x 6-7/16	6-7/16	6-1/2	180	131	230	30	—	KM36	MB36	M6	9.5
OH3138	170	OH3138 x 6-15/16	6-15/16	7	190	141	240	31	—	KM38	MB38	M6	11.0
OH3140	180	OH3140 x 7-3/16	7-3/16	—	200	150	250	32	—	KM40	MB40	M6	12.0
OH3144	200	OH3144 x 7-15/16	7-15/16	8	220	161	280	32	44	HM3144	MS3144	M6	14.7
OH3148	220	OH3148 x 8-1/2	8-1/2	—	240	172	300	34	46	HM3148	MS3148	M6	17.3
OH3152	240	OH3152 x 9-1/2	9-1/2	9-7/16	260	190	330	36	49	HM3152	MS3152	M6	22.0
OH3156	260	OH3156 x 10-7/16	10-7/16	10-1/2	280	195	350	38	51	HM3156	MS3156	M6	24.5
OH3160	280	OH3160 x 11	11	10-15/16	300	208	380	40	53	HM3160	MS3160	M6	30.2
OH3164	300	OH3164 x 11-1/2	11-1/2	11-7/16, 11-15/16, 12	320	226	400	42	56	HM3164	MS3164	M6	34.9
OH3168	320	OH3168 x 12-1/2	12-1/2	12-7/16	340	254	440	55	72	HM3168	MS3168	M6	49.5
OH3172	340	OH3172 x 13	13	12-15/16, 13-7/16, 13-1/2	360	259	460	58	75	HM3172	MS3172	M6	54.2
OH3176	360	OH3176 x 14	14	13-15/16	380	264	490	60	77	HM3176	MS3176	M6	61.7
OH3180	380	OH3180 x 15	15	14-15/16	400	272	520	62	82	HM3180	MS3180	M6	70.6
OH3184	400	OH3184 x 15-3/4	15-3/4	—	420	304	540	70	90	HM3184	MS3184	M6	84.2
OH3188	410	OH3188 x 16-1/2	16-1/2	—	440	307	560	70	90	HM3188	MS3188	M8	104.0
OH3192	430	OH3192 x 17	17	—	460	326	580	75	95	HM3192	MS3192	M8	116.0
OH3196	450	OH3196 x 18	18	—	480	335	620	75	95	HM3196	MS3196	M8	133.0

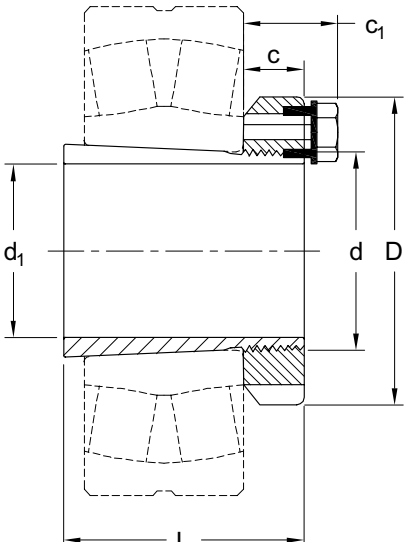
Hydraulic Adapter Sleeves

OH3200 Series
Metric and Inch Bores



Use with 232 Series Spherical Bearings





Sizes with locking clip

OH3200 Series Dimensions in **mm**

Metric Bore		Inch Bore		Other Stock Bores	Dimensions (mm)					Standard Nut	Lock Clip	Lock Clip Threads	G	Wt. kg
Part No.	d_1	Part No.	d_1		d	L	D	c	c_1					
OH3252	240	OH3252 x 9-1/2	9-1/2	9-7/16	260	221	330	36	51	HM3152	MS3152	M8 x 16	M6	21
OH3256	260	OH3256 x 10	10	9-15/16, 10-7/16, 10-1/2	280	223	350	38	53	HM3156	MS3156	M8 x 16	M6	23
OH3260	280	OH3260 x 11	11	10-15/16	300	240	380	40	54	HM3160	MS3160	M10 x 30	M6	34
OH3264	300	OH3264 x 12	12	11-7/16, 11-1/2, 11-15/16	320	258	400	42	55	HM3164	MS3164	M10 x 30	M6	40
OH3268	320	OH3268 x 12-1/2	12-1/2	12-7/16	340	288	440	55	70	HM3168	MS3168	M12 x 25	M6	55
OH3272	340	OH3272 x 13	13	12-15/16, 13-7/16, 13-1/2	360	299	460	58	73	HM3172	MS3172	M12 x 25	M6	61
OH3276	360	OH3276 x 14	14	13-15/16	380	310	490	60	75	HM3176	MS3176	M12 x 25	M6	70
OH3280	380	OH3280 x 15	15	14-15/16	400	328	520	62	77	HM3180	MS3180	M16 x 30	M6	76
OH3284	400	OH3284 x 15-3/4	15-3/4	—	420	352	540	70	85	HM3184	MS3184	M16 x 30	M6	94
OH3288	410	OH3288 x 16-1/2	16-1/2	—	440	361	560	70	85	HM3188	MS3188	M16 x 30	M8	118
OH3292	430	OH3292 x 17	17	—	460	382	580	75	90	HM3192	MS3192	M16 x 30	M8	132
OH3296	450	OH3296 x 18	18	—	480	397	620	75	90	HM3196	MS3196	M16 x 30	M8	152

Note: Other sizes available on request. Hydraulic Nuts HMV--E are stock. Shaft side oil groove optional.

Hydraulic Nuts

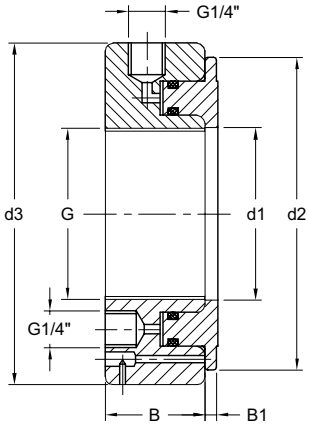
HMV..E Series

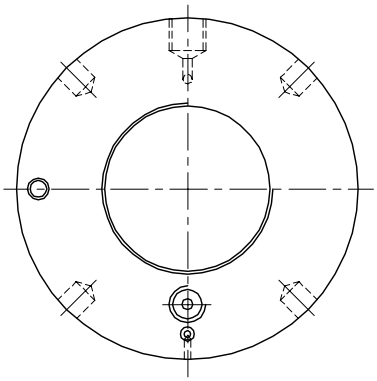
Metric Threads



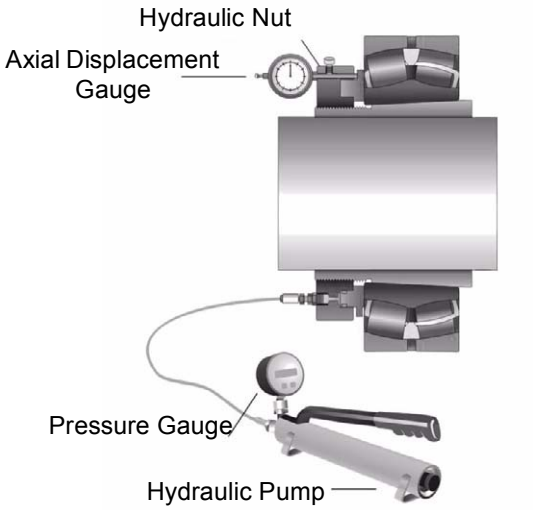


Accessories Included





HMV..E Hydraulic Nuts are bearing mounting tools and fit on standard H-Series adapters or OH-Series hydraulic adapter sleeves with metric threads. Hydraulic pressure from a pump allows the piston in the face of the HMV Nut to push the bearing inner ring. As the hydraulic pressure increases, the force of the piston gently pushes the tapered bearing up the adapter taper, slightly expanding the bearing inner bore, causing internal clearance to be removed from the bearing, therefore creating a press fit of the inner ring to the shaft. During mounting, the bearing clearance should be measured until the recommended mounted running clearance for the bearing size is achieved. Once the bearing is properly mounted, the HMV nut can be replaced with the standard KM nut and washer or lock clip. Smaller and larger hydraulic nuts are available on request. A gauge mounting hole accomodates an axial gauge (gauge not included) for monitoring of axial movement. Hydraulic Nuts with Inch threads are also avalable on request. A spanner wrench, extra o-ring seals, nylon screw for gauge retention and hydraulic plugs are included with each nut.



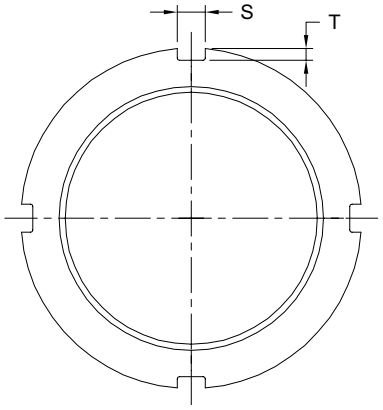
Part No.	G mm	d1 mm	d2 mm	d3 mm	B	B1	Max. Axial Displacement mm	Injection Hole Thread BSP
HMV 28E	M 140x2	140.5	200	208	37	7	5	G1/4”
HMV 30E	M 150x2	150.5	211	220	39	7	5	G1/4”
HMV 32E	M 160x3	160.5	224	232	40	7	6	G1/4”
HMV 34E	M 170x3	170.5	235	244	41	7	6	G1/4”
HMV 36E	M 180x3	180.5	247	256	41	7	6	G1/4”
HMV 38E	M 190x3	191	259	270	42	8	7	G1/4”
HMV 40E	M 200x3	201	271	282	43	8	8	G1/4”
HMV 44E	TR 220x4	222	293	306	43	8	9	G1/4”
HMV 48E	TR 240x4	242	316	330	46	9	10	G1/4”
HMV 52E	TR 260x4	262	341	356	47	9	11	G1/4”
HMV 56E	TR 280x4	282	363	380	49	9	12	G1/4”
HMV 60E	TR 300x4	302	386	404	50	10	14	G1/4”
HMV 64E	TR 320x5	322	409	428	53	10	14	G1/4”
HMV 68E	TR 340x5	342	430	450	54	10	14	G1/4”
HMV 72E	TR 360x5	362	455	472	56	10	15	G1/4”
HMV 76E	TR 380x5	382	476	498	58	11	16	G1/4”
HMV 80E	TR 400x5	402	499	522	60	11	17	G1/4”
HMV 84E	TR 420x5	422	522	546	61	11	17	G1/4”
HMV 88E	TR 440x5	442	543	566	62	12	17	G1/4”
HMV 92E	TR 460x5	462	565	590	64	12	17	G1/4”
HMV 96E	TR 280x5	482	587	612	65	12	19	G1/4”

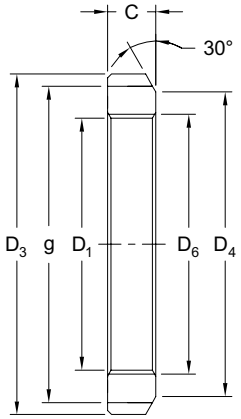
Larger sizes available on request. Hydraulic nuts with inch threads available on request.

Metric Lock Nuts

KM Series
KML Series







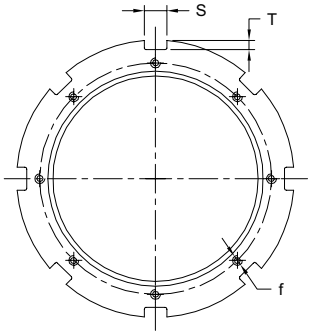
Dimensions in **mm**

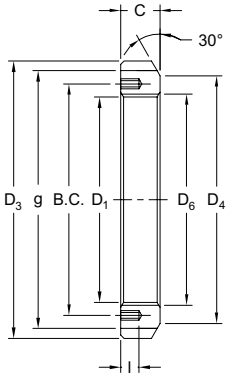
KM Series				KML Series				Dimensions					
Lock Nut Part No.	D_3	D_4	g	Lock Nut Part No.	D_3	D_4	g	D_1	C	S	T	D_6	Wt. kg
KM00	18	13	14	—	—	—	—	M10 x 0.75	4	3	2	10.5	0.005
KM01	22	17	18	—	—	—	—	M12 x 1.00	4	3	2	12.5	0.007
KM02	25	21	21	—	—	—	—	M15 x 1.00	5	4	2	15.5	0.01
KM03	28	24	24	—	—	—	—	M17 x 1.00	5	4	2	17.5	0.01
KM04	32	26	26	—	—	—	—	M20 x 1.00	6	4	2	20.5	0.02
KM05	38	32	34	—	—	—	—	M25 x 1.50	7	5	2	25.8	0.03
KM06	45	38	41	—	—	—	—	M30 x 1.50	7	5	2	30.8	0.04
KM07	52	44	48	—	—	—	—	M35 x 1.50	8	5	2	35.8	0.05
KM08	58	50	53	—	—	—	—	M40 x 1.50	9	6	2.5	40.8	0.09
KM09	65	56	60	—	—	—	—	M45 x 1.50	10	6	2.5	45.8	0.12
KM10	70	61	65	—	—	—	—	M50 x 1.50	11	6	2.5	50.8	0.15
KM11	75	67	69	—	—	—	—	M55 x 2.00	11	7	3	56.0	0.16
KM12	80	73	74	—	—	—	—	M60 x 2.00	11	7	3	61.0	0.17
KM13	85	79	79	—	—	—	—	M65 x 2.00	12	7	3	66.0	0.20
KM14	95	85	85	—	—	—	—	M70 x 2.00	12	8	3.5	71.0	0.24
KM15	98	90	91	—	—	—	—	M75 x 2.00	13	8	3.5	76.0	0.29
KM16	105	95	98	—	—	—	—	M80 x 2.00	15	8	3.5	81.0	0.40
KM17	110	102	103	—	—	—	—	M85 x 2.00	16	8	3.5	86.0	0.45
KM18	120	108	112	—	—	—	—	M90 x 2.00	16	10	4	91.0	0.56
KM19	125	113	117	—	—	—	—	M95 x 2.00	17	10	4	96.0	0.66
KM20	130	120	122	—	—	—	—	M100 x 2.00	18	10	4	101.0	0.70
KM21	140	126	130	—	—	—	—	M105 x 2.00	18	12	5	106.0	0.85
KM22	145	133	135	—	—	—	—	M110 x 2.00	19	12	5	111.0	0.97
KM23	150	137	140	—	—	—	—	M115 x 2.00	19	12	5	116.0	1.01
KM24	155	138	145	KML24	145	135	135	M120 x 2.00	20	12	5	121.0	1.08
KM25	160	148	150	—	—	—	—	M125 x 2.00	21	12	5	126.0	1.19
KM26	165	149	155	KML26	155	145	145	M130 x 2.00	21	12	5	131.0	1.25
KM27	175	160	163	—	—	—	—	M135 x 2.00	22	14	6	136.0	1.55
KM28	180	160	168	KML28	165	155	153	M140 x 2.00	22	14	6	141.0	1.56
KM29	190	171	178	—	—	—	—	M145 x 2.00	24	14	6	146.0	2.00
KM30	195	172	183	KML30	180	170	168	M150 x 2.00	24	14	6	151.0	2.03
KM31	200	182	186	—	—	—	—	M155 x 3.00	25	16	7	156.5	2.21
KM32	210	182	196	KML32	190	180	176	M160 x 3.00	25	16	7	161.5	2.59
KM33	210	193	196	—	—	—	—	M165 x 3.00	26	16	7	166.5	2.43
KM34	220	193	206	KML34	200	190	186	M170 x 3.00	26	16	7	171.5	2.80
KM36	230	203	214	KML36	210	200	194	M180 x 3.00	27	18	8	181.5	3.07
KM38	240	214	224	KML38	220	210	204	M190 x 3.00	28	18	8	191.5	3.39
KM40	250	226	234	KML40	240	222	224	M200 x 3.00	29	18	8	201.5	3.69

Metric Lock Nuts

HM3100 Series
HM3000 Series







HM3100 Series

Dimensions in **mm**

Part No.	D1 Thread	D3	D4	g	S	T	D6	C	l	f	B.C.	Lock Clip Part No.	Wt. kg
HM3144	TR220 x 4	280	250	260	20	10	222.0	32	15	M8 x 1.25	238	MS3144 / MS3148	5.20
HM3148	TR240 x 4	300	270	280	20	10	242.0	34	15	M8 x 1.25	258	MS3144 / MS3148	5.95
HM3152	TR260 x 4	330	300	306	24	12	262.0	36	18	M10 x 1.50	281	MS3152 / MS3156	8.05
HM3156	TR280 x 4	350	320	326	24	12	282.0	38	18	M10 x 1.50	301	MS3152 / MS3156	9.05
HM3160	TR300 x 4	380	340	356	24	12	302.0	40	18	M10 x 1.50	326	MS3160	11.80
HM3164	TR320 x 5	400	360	376	24	12	322.5	42	18	M10 x 1.50	345	MS3164	13.10
HM3168	TR340 x 5	440	400	410	28	15	342.5	55	21	M12 x 1.75	372	MS3168 / MS3172	23.10
HM3172	TR360 x 5	460	420	430	28	15	362.5	58	21	M12 x 1.75	392	MS3168 / MS3172	25.10
HM3176	TR380 x 5	490	450	454	32	18	382.5	60	21	M12 x 1.75	414	MS3176	30.90
HM3180	TR400 x 5	520	470	484	32	18	402.5	62	27	M16 x 2.00	439	MS3180 / MS3184	36.90
HM3184	TR420 x 5	540	490	504	32	18	422.5	70	27	M16 x 2.00	459	MS3180 / MS3184	43.50
HM3188	TR440 x 5	560	510	520	36	20	442.5	70	27	M16 x 2.00	477	MS3188 / MS3192	45.30
HM3192	TR460 x 5	580	540	540	36	20	462.5	75	27	M16 x 2.00	497	MS3188 / MS3192	50.4
HM3196	TR480 x 5	620	560	580	36	20	482.5	75	27	M16 x 2.00	527	MS3196	62.2

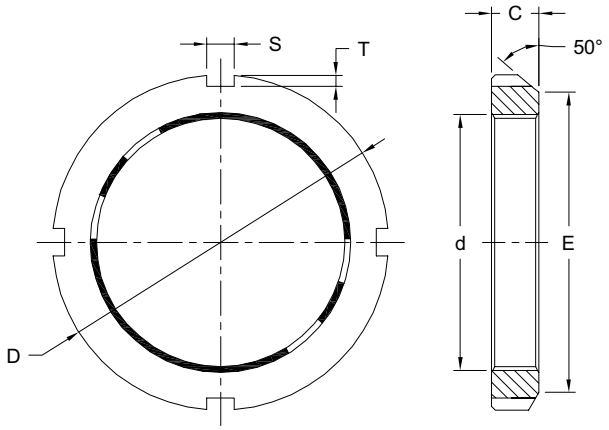
HM3000 Series

Part No.	D_1 Thread	D_3	D_4	g	S	T	D_6	C	l	f	B.C.	Lock Clip Part No.	Wt. kg
HM3044	TR220 x 4	260	242	242	20	9	222.0	30	12	M6 x 1.00	229	MS3044	3.09
HM3048	TR240 x 4	290	270	270	20	10	242.0	34	15	M8 x 1.25	253	MS3048 / MS3052	5.16
HM3052	TR260 x 4	310	290	290	20	10	262.0	34	15	M8 x 1.25	273	MS3048 / MS3052	5.67
HM3056	TR280 x 4	330	310	310	24	10	282.0	38	15	M8 x 1.25	293	MS3056	6.78
HM3060	TR300 x 4	360	336	336	24	12	302.0	42	15	M8 x 1.25	316	MS3060	9.62
HM3064	TR320 x 5	380	356	356	24	12	322.5	42	15	M8 x 1.25	335	MS3064 / MS3068	9.94
HM3068	TR340 x 5	400	376	376	24	12	342.5	45	15	M8 x 1.25	355	MS3064 / MS3068	11.70
HM3072	TR360 x 5	420	394	394	28	13	362.5	45	15	M8 x 1.25	374	MS3072	12.0
HM3076	TR380 x 5	450	422	422	28	14	382.5	48	18	M10 x 1.50	398	MS3076 / MS3080	14.9
HM3080	TR400 x 5	470	442	442	28	14	402.5	52	18	M10 x 1.50	418	MS3076 / MS3080	16.9
HM3084	TR420 x 5	490	462	462	32	14	422.5	52	18	M10 x 1.50	438	MS3084	17.4
HM3088	TR440 x 5	520	490	490	32	15	442.5	60	21	M12 x 1.75	462	MS3088 / MS3092	26.2
HM3092	TR460 x 5	540	510	510	32	15	462.5	60	21	M12 x 1.75	482	MS3088 / MS3092	29.6
HM3096	TR480 x 5	560	530	530	36	15	482.5	60	21	M12 x 1.75	502	MS3096	28.3

Inch Lock Nuts

N00 Series
AN00 Series





Dimensions in **inches**

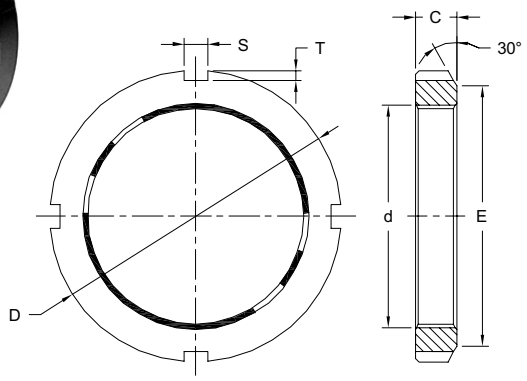
Part No.	Threads		D	E	C	S min.	T max.	Wt. lb
	Major Dia. d	No. per Inch						
N00	0.391	32	0.755	0.625	0.229	0.120	0.073	0.01
N01	0.469	32	0.880	0.719	0.323	0.120	0.073	0.02
N02	0.586	32	1.005	0.813	0.323	0.120	0.104	0.02
N03	0.664	32	1.130	0.938	0.354	0.120	0.104	0.03
N04	0.781	32	1.380	1.125	0.385	0.178	0.104	0.04
N05	0.969	32	1.568	1.281	0.416	0.178	0.104	0.05
N06	1.173	18	1.755	1.500	0.416	0.178	0.104	0.10
N07	1.376	18	2.068	1.813	0.448	0.178	0.104	0.11
N08	1.563	18	2.255	2.000	0.448	0.240	0.104	0.19
N09	1.767	18	2.536	2.281	0.448	0.240	0.104	0.36
N10	1.967	18	2.693	2.438	0.510	0.240	0.104	0.33
N11	2.157	18	2.974	2.656	0.510	0.240	0.135	0.35
N12	2.360	18	3.161	2.844	0.541	0.240	0.135	0.38
N13	2.548	18	3.380	3.063	0.573	0.240	0.135	0.45
N14	2.751	18	3.630	3.313	0.573	0.240	0.135	0.53
AN15	2.933	12	3.880	3.563	0.604	0.360	0.135	0.63
AN16	3.137	12	4.161	3.844	0.604	0.360	0.135	0.88
AN17	3.340	12	4.411	4.031	0.635	0.360	0.166	0.99
AN18	3.527	12	4.661	4.281	0.698	0.360	0.166	1.23
AN19	3.730	12	4.943	4.563	0.729	0.360	0.166	1.45
AN20	3.918	12	5.193	4.813	0.760	0.360	0.166	1.54
AN21	4.122	12	5.443	5.000	0.760	0.485	0.198	1.86
AN22	4.325	12	5.724	5.281	0.791	0.485	0.198	2.13
AN24	4.716	12	6.130	5.688	0.823	0.485	0.198	2.38
AN26	5.106	12	6.755	6.188	0.885	0.610	0.260	2.76
AN28	5.497	12	7.099	6.531	0.948	0.610	0.360	3.44
AN30	5.888	12	7.693	7.063	0.979	0.610	0.391	4.48
AN32	6.284	8	8.068	7.438	1.041	0.610	0.291	5.71
AN34	6.659	8	8.661	8.031	1.073	0.610	0.291	6.17
AN36	7.066	8	9.068	8.375	1.104	0.735	0.323	6.77
AN38	7.472	8	9.474	8.781	1.135	0.735	0.323	7.47
AN40	7.847	8	9.849	9.156	1.198	0.735	0.323	8.14
AN44	8.628	8	11.005	9.843	1.260	0.980	0.510	11.5

Inch Lock Nuts

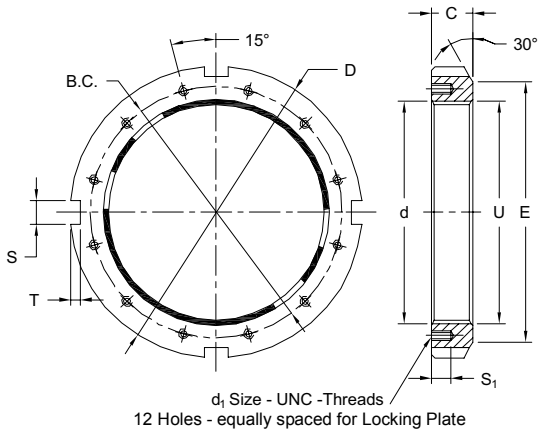
N000 Series



Size 022 to 044



Size 048 and up



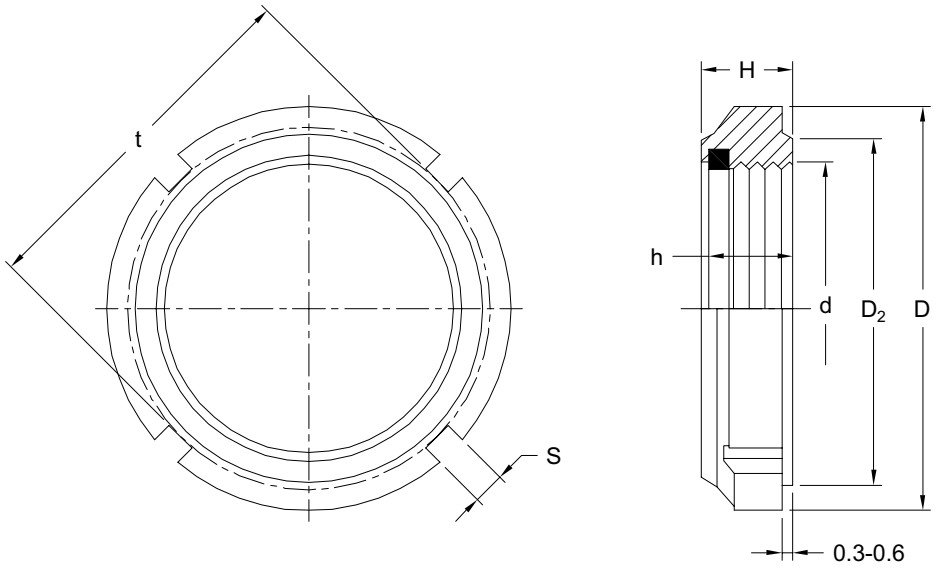
Dimensions in **inches**

Part No.	Threads		D	E	C	S	T	B.C.	d_1	S_1	Wt. lb
	Major Dia. d	No. per Inch									
N022	4.325	12	5.318	4.901	0.791	0.485	0.198	—	—	—	1.6
N024	4.716	12	5.693	5.313	0.823	0.485	0.198	—	—	—	1.7
N026	5.106	12	6.130	5.703	0.885	0.485	0.198	—	—	—	2.0
N028	5.497	12	6.505	6.109	0.948	0.485	0.198	—	—	—	2.2
N030	5.888	12	7.130	2.288	0.979	0.610	0.229	—	—	—	3.0
N032	6.284	8	7.505	7.094	1.041	0.610	0.229	—	—	—	3.4
N034	6.659	8	7.880	7.484	1.073	0.610	0.229	—	—	—	3.8
N036	7.066	8	8.255	7.875	1.104	0.610	0.229	—	—	—	4.3
N038	7.472	8	8.693	8.266	1.135	0.610	0.229	—	—	—	4.6
N040	7.847	8	9.443	8.750	1.198	0.735	0.323	—	—	—	6.6
N044	8.628	8	10.255	9.531	1.260	0.860	0.385	—	—	—	6.8
N048	9.442	6	11.443	10.625	1.354	0.860	0.385	10.423	5/16-18	0.625	11.4
N052	10.192	6	12.193	11.406	1.416	0.860	0.385	11.298	5/16-18	0.625	12.5
N056	11.004	6	13.005	12.219	1.510	0.980	0.385	12.110	5/16-18	0.625	14.9
N060	11.785	6	14.193	13.219	1.573	0.980	0.510	13.110	3/8-16	0.750	21.2
N064	12.562	6	15.005	14.031	1.666	0.980	0.510	13.860	3/8-16	0.750	21.9
N068	13.339	5	15.755	14.813	1.791	0.980	0.510	14.735	3/8-16	0.750	25.8
N072	14.170	5	16.505	15.500	1.791	1.230	0.510	15.485	3/8-16	0.750	26.5
N076	14.957	5	17.755	16.625	1.916	1.230	0.604	16.485	1/2-13	0.875	32.8
N080	15.745	5	18.505	17.438	2.073	1.230	0.604	17.235	1/2-13	0.875	37.3
N084	16.532	5	19.318	18.188	2.073	1.355	0.604	18.110	1/2-13	0.875	38.4
N088	17.319	5	20.505	19.250	2.385	1.355	0.604	19.110	5/8-11	1.250	57.5
N092	18.107	5	21.255	20.688	2.385	1.355	0.604	19.985	5/8-11	1.250	65.3
N096	18.894	5	22.068	20.750	2.385	1.480	0.604	20.673	5/8-11	1.250	62.4

GUK Type Lock Nuts

Self-Locking nut
Polyamide insert
Metric ISO fine thread

Self-locking by the polyamide insert - temperature max: 100°C / 212°F
The bore of the threadless polamide insert is slightly smaller than the inner diameter of the nut.
Therefore increased friction between nut and shaft for locking.
Zinc plated and passivated finish.

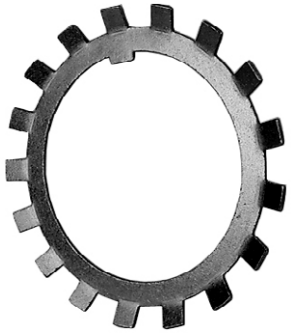


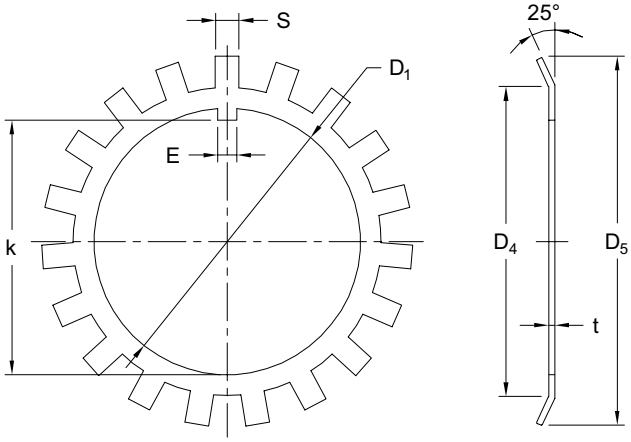
Dimensions in **mm**

Type	Thread d_1	d2	d3	h	m	b	t	Nut Grooves	Wt. kg/100
GUK0	M10x0.75	18	15	7.6	4.5	3	1.5	4	0.6
GUK1	M12x1	21	18	7.6	4.5	3	1.5	4	0.9
GUK2	M15x1	24	21	8.6	5.5	4	1.5	4	1.4
GUK3	M17x1	28	24	8.7	5.5	4	2.0	4	1.7
GUK4	M20x1	32	27	9.6	6.0	4	2.5	4	2.3
GUK5	M25x1.5	38	33	10.5	6.5	5	2.5	4	3.1
GUK6	M30x1.5	44	38	10.7	6.6	5	3.0	4	4.6
GUK7	M35x1.5	50	44	11.3	7.0	5	3.0	4	6.0
GUK8	M40x1.5	56	50	12.3	7.7	6	3.0	4	7.5
GUK9	M45x1.5	62	55	12.3	7.8	6	3.5	4	9.3
GUK10	M50x1.5	68	61	12.9	8.1	6	3.5	4	11.3
GUK11	M55x2	75	68	13.4	8.2	7	3.5	6	14.6
GUK12	M60x2	80	73	13.4	8.2	7	3.5	6	15.9
GUK13	M65x2	85	77	14.5	9.0	7	4.0	6	19.0
GUK14	M70x2	92	84	14.5	9.2	8	4.0	6	22.1
GUK15	M75x2	98	89	15.5	10.0	8	4.5	6	26.1
GUK16	M80x2	105	96	16.5	11.2	10	4.0	8	32.1
GUK17	M85x2	110	100	17.5	12.1	10	5.0	8	37.1
GUK18	M90x2	120	110	17.7	12.5	10	5.0	8	46.6
GUK19	M95x2	125	115	18.7	13.5	10	5.0	8	51.6
GUK20	M100x2	130	120	19.7	14.5	10	5.0	8	59.6

Metric Lock Washers

MB Series



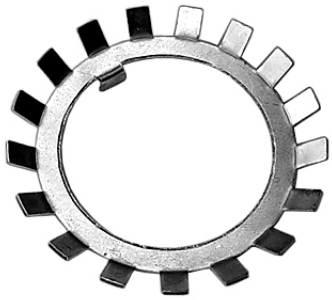


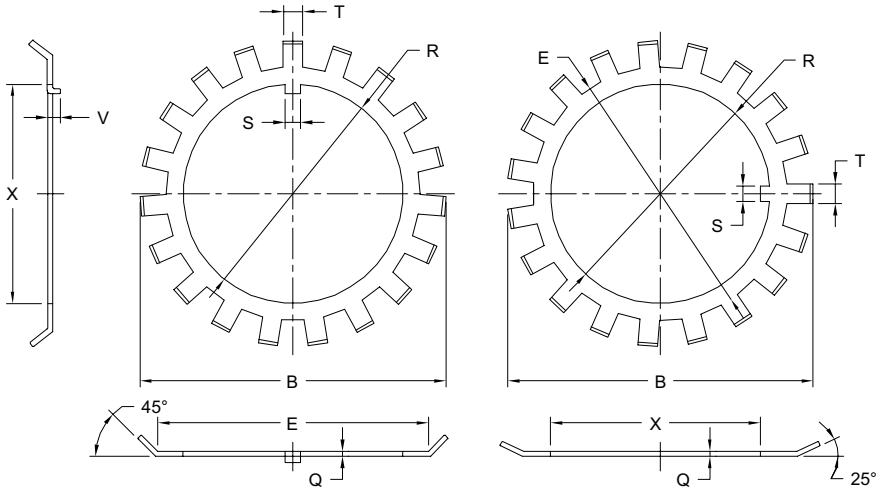
Dimensions in **mm**

Part No.	D_1	k	E	t	S	D_4	D_5	Tangs	Use with Lock Nut	Wt. kg/1000 Pcs
MB00	10	8.5	3	1	3	13	21	9	KM00	0.13
MB01	12	10.5	3	1	3	17	25	9	KM01	0.20
MB02	15	13.5	4	1	4	21	28	13	KM02	0.26
MB03	17	15.5	4	1	4	24	32	13	KM03	0.32
MB04	20	18.5	4	1	4	26	36	13	KM04	0.35
MB05	25	23	5	1.2	5	32	42	13	KM05	0.64
MB06	30	27.5	5	1.2	5	38	49	13	KM06	0.78
MB07	35	32.5	6	1.2	5	44	57	15	KM07	1.04
MB08	40	37.5	6	1.2	6	50	62	15	KM08	1.23
MB09	45	42.5	6	1.2	6	56	69	17	KM09	1.52
MB10	50	47.5	6	1.2	6	61	74	17	KM10	1.60
MB11	55	52.5	8	1.2	7	67	81	17	KM11	1.96
MB12	60	57.5	8	1.5	7	73	86	17	KM12	2.53
MB13	65	62.5	8	1.5	7	79	92	19	KM13	2.90
MB14	70	66.5	8	1.5	8	85	98	19	KM14	3.34
MB15	75	71.5	8	1.5	8	90	104	19	KM15	3.56
MB16	80	76.5	10	1.8	8	95	112	19	KM16	4.64
MB17	85	81.5	10	1.8	8	102	119	19	KM17	5.24
MB18	90	86.5	10	1.8	10	108	126	19	KM18	6.23
MB19	95	91.5	10	1.8	10	113	133	19	KM19	6.70
MB20	100	96.5	12	1.8	10	120	142	19	KM20	7.65
MB21	105	100.5	12	1.8	12	126	145	19	KM21	8.26
MB22	110	105.5	12	1.8	12	133	154	19	KM22	9.40
MB23	115	110.5	12	2	12	137	159	19	KM23	10.80
MB24	120	115	14	2	12	138	164	19	KM24	10.50
MB25	125	120	14	2	12	148	170	19	KM25	11.80
MB26	130	125	14	2	12	149	175	19	KM26	11.30
MB27	135	130	14	2	14	160	185	19	KM27	14.40
MB28	140	135	16	2	14	160	192	19	KM28	14.20
MB29	145	140	16	2	14	172	202	19	KM29	16.80
MB30	150	145	16	2	14	171	205	19	KM30	15.50
MB31	155	147.5	16	2.5	16	182	212	19	KM31	20.90
MB32	160	154	18	2.5	16	182	217	19	KM32	22.20
MB33	165	157.5	18	2.5	16	193	222	19	KM33	24.10
MB34	170	164	18	2.5	16	193	232	19	KM34	24.70
MB36	180	174	20	2.5	18	203	242	19	KM36	26.80
MB38	190	184	20	2.5	18	214	252	19	KM38	27.80
MB40	200	194	20	2.5	18	226	262	19	KM40	29.30

Inch Lock Washers

W00 Series
W000 Series





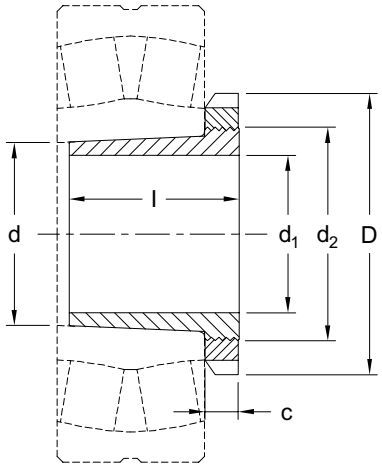
Dimensions in **inches**

Part No.		Bore R	E		B		S		X min.		No. of Tangs	V	T		Q	
			W00	W000	W00	W000	W00	W000	W00	W000		W00	W00	W000	W00	W000
W00	—	0.406	0.625	—	0.875	—	0.120	—	0.334		9	0.062	0.120	—	0.032	—
W01	—	0.484	0.719	—	1.016	—	0.120	—	0.412		9	0.062	0.120	—	0.032	—
W02	—	0.601	0.813	—	1.156	—	0.120	—	0.529		11	0.062	0.120	—	0.032	—
W03	—	0.679	0.938	—	1.328	—	0.120	—	0.607		11	0.062	0.120	—	0.032	—
W04	—	0.801	1.125	—	1.531	—	0.176	—	0.729		11	0.062	0.166	—	0.032	—
W05	—	0.989	1.281	—	1.719	—	0.176	—	0.909		13	0.094	0.166	—	0.040	—
W06	—	1.193	1.500	—	1.922	—	0.176	—	1.093		13	0.094	0.166	—	0.040	—
W07	—	1.396	1.813	—	2.250	—	0.176	—	1.296		15	0.094	0.166	—	0.040	—
W08	—	1.583	2.000	—	2.469	—	0.290	—	1.475		15	0.094	0.234	—	0.048	—
W09	—	1.792	2.281	—	2.734	—	0.290	—	1.684		17	0.125	0.234	—	0.048	—
W10	—	1.992	2.438	—	2.922	—	0.290	—	1.884		17	0.125	0.234	—	0.048	—
W11	—	2.182	2.656	—	3.109	—	0.290	—	2.069		17	0.125	0.234	—	0.053	—
W12	—	2.400	2.844	—	3.344	—	0.290	—	2.267		17	0.125	0.234	—	0.053	—
W13	—	2.588	3.063	—	3.578	—	0.290	—	2.455		19	0.125	0.234	—	0.053	—
W14	—	2.791	3.313	—	3.828	—	0.290	—	2.658		19	0.188	0.234	—	0.053	—
W15	—	2.973	3.563	—	4.109	—	0.290	—	2.831		19	0.188	0.328	—	0.062	—
W16	—	3.177	3.844	—	4.375	—	0.353	—	3.035		19	0.188	0.328	—	0.062	—
W17	—	3.395	4.031	—	4.625	—	0.353	—	3.253		19	0.188	0.328	—	0.062	—
W18	—	3.582	4.281	—	4.938	—	0.353	—	3.418		19	0.188	0.328	—	0.084	—
W19	—	3.800	4.563	—	5.219	—	0.353	—	3.636		19	0.188	0.328	—	0.084	—
W20	—	3.988	4.813	—	5.500	—	0.353	—	3.809		19	0.250	0.328	—	0.084	—
W21	—	4.192	5.000	—	5.703	—	0.353	—	4.013		19	0.250	0.390	—	0.084	—
W22	W022	4.395	5.281	4.921	6.063	5.688	0.353	0.350	4.185		19	0.250	0.390	0.390	0.115	0.115
W24	W024	4.801	5.688	5.333	6.469	6.188	0.353	0.350	4.591		19	0.250	0.390	0.390	0.115	0.115
W26	W026	5.191	6.188	5.723	7.031	6.625	0.435	0.469	4.961		19	0.250	0.520	0.390	0.115	0.115
W28	W028	5.582	6.531	6.129	7.438	7.094	0.590	0.594	5.352		19	0.250	0.520	0.390	0.115	0.115
W30	W030	5.983	7.063	6.708	8.063	7.719	0.590	0.594	5.722		19	0.313	0.520	0.520	0.146	0.115
W32	W032	6.389	7.438	7.114	8.438	8.156	0.590	0.594	6.128		19	0.313	0.520	0.520	0.146	0.115
W34	W034	6.764	8.031	7.508	9.063	8.594	0.715	0.719	6.503		19	0.313	0.520	0.520	0.146	0.115
W36	W036	7.171	8.375	7.899	9.438	9.000	0.715	0.719	6.910		19	0.313	0.645	0.520	0.146	0.115
W38	W038	7.577	8.781	8.290	9.875	9.438	0.715	0.719	7.316		19	0.313	0.645	0.520	0.146	0.115
W40	W040	7.982	9.156	8.774	10.313	9.969	0.840	0.844	7.721		19	0.313	0.645	0.645	0.146	0.115
W44	W044	8.701	9.875	9.570	11.438	10.406	0.940	0.945	8.327		19	—	0.878	0.770	0.146	0.115

Withdrawal Sleeves

Metric Bores





The removal nut must be ordered separately.

Withdrawal Sleeves, from size AH 2236 and AH 2340 are also available with oil ducts on the outer and inner diameter for hydraulic mounting.

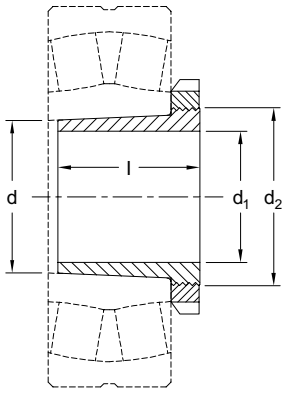
AH 30, 31 and 32 Series

Part No.	Dimensions (mm)				Thread	Removal Nut	C	D	Weight kg
	d	d_1	d_2	l					
AH3024	120	110	130	60	M130x2	KM26	21	165	1.2
AH3124	120	110	140	75	M140x2	KM28	22	180	1.7
AH3026	130	120	140	67	M140x2	KM28	22	180	1.4
AH3126	130	120	150	78	M150x2	KM30	24	195	1.9
AH3028	140	130	150	68	M150x2	KM30	24	195	1.6
AH3128	140	130	160	83	M160x3	KM32	25	210	2.2
AH3030	150	140	160	72	M160x3	KM32	25	210	1.8
AH3130	150	140	170	96	M170x3	KM34	26	220	2.7
AH3032	160	150	170	77	M170x3	KM34	26	220	2.1
AH3132	160	150	180	103	M180x3	KM36	27	230	3.2
AH3232	160	150	180	124	M180x3	KM36	27	230	4.1
AH3034	170	160	180	85	M180x3	KM36	27	230	2.4
AH3134	170	160	190	104	M190x3	KM38	28	240	3.4
AH3234	170	160	190	134	M190x3	KM38	28	240	4.8
AH3036	180	170	190	92	M190x3	KM38	28	240	2.8
AH3136	180	170	200	116	M200x3	KM40	29	250	4.2
AH3236	180	170	200	140	M200x3	KM40	29	250	5.3
AH3038	190	180	205	96	Tr205x4	HML41T	30	250	3.4
AH3138	190	180	210	125	Tr210x4	HM42T	30	270	4.9
AH3238	190	180	210	145	Tr210x4	HM42T	30	270	5.9
AH3040	200	190	215	102	Tr215x4	HML43T	30	260	3.8
AH3140	200	190	220	134	Tr220x4	HM44T	32	280	5.5
AH3240	200	190	220	153	Tr220x4	HM44T	32	280	6.7
AH3044	220	200	235	111	Tr235x4	HML47T	30	280	7.4
AH3144	220	200	240	145	Tr240x4	HM48T	34	300	10.4
AH3048	240	220	260	116	Tr260x4	HML52T	36	310	8.8
AH3148	240	220	260	154	Tr260x4	HM52T	36	330	12.0
AH3052	260	240	280	128	Tr280x4	HML56T	30	330	10.7
AH3152	260	240	290	172	Tr290x4	HM58T	36	365	16.2
AH3056	280	260	300	131	Tr300x4	HML60T	31	360	12.0
AH3156	280	260	310	175	Tr310x5	HM62T	36	380	17.5
AH3060	300	280	320	145	Tr320x5	HML64T	32	380	14.4
AH3160	300	280	330	192	Tr330x5	HM66T	40	410	20.8
AH3260	300	280	330	228	Tr330x5	HM66T	40	410	26.0
AH3064	320	300	345	149	Tr345x5	HML69T	33	410	16.0
AH3164	320	300	350	209	Tr350x5	HM70T	42	430	24.5
AH3264	320	300	350	246	Tr350x5	HM70T	42	430	30.6
AH3068	340	320	365	162	Tr365x5	HML73T	35	430	19.5
AH3168	340	320	370	225	Tr370x5	HM74T	45	450	29.0
AH3268	340	320	370	264	Tr370x5	HM74T	45	450	35.4
AH3072	360	340	385	167	Tr385x5	HML77T	37	450	21.0
AH3172	360	340	400	229	Tr400x5	HM80T	46	500	33.0
AH3272	360	340	400	274	Tr400x5	HM80T	46	500	41.5
AH3076	380	360	410	170	Tr410x5	HML82T	39	480	23.2
AH3176	380	360	420	232	Tr420x5	HM84T	49	520	35.7
AH3276	380	360	420	284	Tr420x5	HM84T	49	520	45.6
AH3080	400	380	430	183	Tr430x5	HML86T	41	500	27.3
AH3180	400	380	440	240	Tr440x5	HM88T	51	540	39.5
AH3280	400	380	440	302	Tr440x5	HM88T	51	540	51.7
AH3084	420	400	450	186	Tr450x5	HML90T	41	520	29.0
AH3184	420	400	460	266	Tr460x5	HM92T	53	550	46.5
AH3284	420	400	460	321	Tr460x5	HM92T	53	550	58.9

Withdrawal Sleeves

Metric Bores

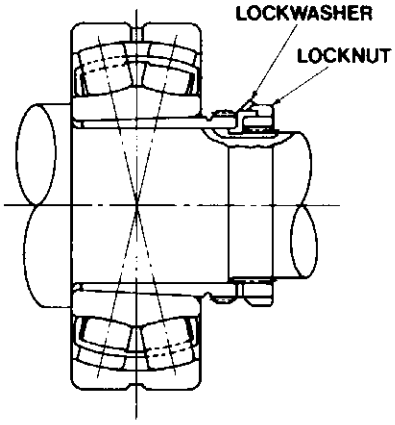




The removal nut has to be ordered separately.

Withdrawal Sleeves offer a convenient mounting alternative for straight bore or adapter mounted applications.

The locknut on the shaft mounts the bearing while a locknut on the sleeve will dismount the bearing without shaft damage.



Withdrawal Sleeves, from size AH 2236 and AH 2340 are also available with oil ducts on the outer and inner diameter for hydraulic mounting.

AH22 and 23 Series

Part No.	Dimensions (mm)				Thread	Nut	Weight kg
	d	d_1	d_2	l			
AH2308	40	35	45	40	M45x1.5	KM9	0.1
AH2309	45	40	50	44	M50x1.5	KM10	0.2
AH2310	50	45	60	50	M60x2	KM12	0.2
AH2311	55	50	65	54	M65x2	KM13	0.3
AH2312	60	55	70	57	M70x2	KM14	0.3
AH2313	65	60	75	61	M75x2	KM15	0.4
AH2314	70	65	85	65	M85x2	KM17	0.5
AH2315	75	70	90	69	M90x2	KM18	0.6
AH2316	80	75	95	72	M95x2	KM19	0.7
AH2317	85	80	100	75	M100x2	KM20	0.7
AH2318	90	85	105	80	M105x2	KM21	0.9
AH2319	95	90	110	85	M110x2	KM22	1.0
AH2320	100	95	120	90	M120x2	KM24	1.2
AH2322	110	100	130	98	M130x2	KM26	2.1
AH2324	120	110	140	105	M140x2	KM28	2.5
AH2326	130	120	150	115	M150x2	KM30	3.0
AH2328	140	130	160	125	M160x3	KM32	3.6
AH2330	150	140	170	135	M170x3	KM34	4.2
AH2332	160	150	180	140	M180x3	KM36	4.8
AH2334	170	160	190	146	M190x3	KM38	5.3
AH2236	180	170	200	105	M200x3	KM40	3.8
AH2336	180	170	200	154	M200x3	KM40	5.8
AH2238	190	180	210	112	Tr 210x4	HM42T	4.3
AH2338	190	180	210	160	Tr 210x4	HM42T	6.6
AH2240	200	190	220	118	Tr 220x4	HM44T	4.7
AH2340	200	190	220	170	Tr 220x4	HM44T	7.6
AH2244	220	200	240	130	Tr 240x4	HM48T	9.1
AH2344	220	200	240	181	Tr 240x4	HM48T	13.5
AH2248	240	220	260	144	Tr 260x4	HM52T	11.1
AH2348	240	220	260	189	Tr 260x4	HM52T	15.5
AH2252	260	240	290	155	Tr 290x4	HM58T	14.0
AH2352	260	240	290	205	Tr 290x4	HM58T	19.6
AH2256	280	260	310	155	Tr 310x5	HM62T	15.2
AH2356	280	260	310	212	Tr 310x5	HM62T	21.6
AH2260	300	280	330	170	Tr 330x5	HM66T	18.1
AH2264	320	300	350	180	Tr 350x5	HM70T	20.2

AH30, 31 and 32 Series

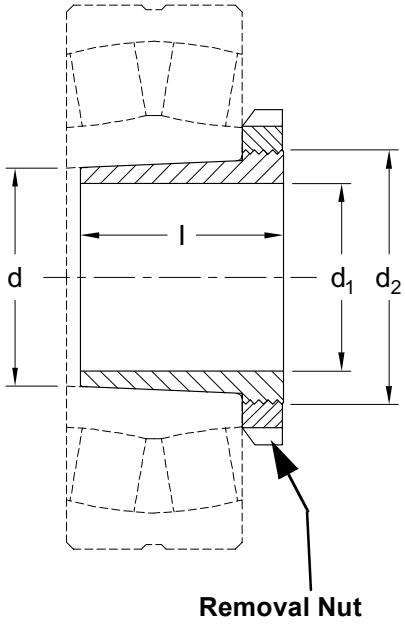
AH308	40	35	45	29	M45x1.5	KM9	0.1
AH309	45	40	50	31	M50x1.5	KM10	0.1
AH310	50	45	60	35	M60x2	KM12	0.2
AH311	55	50	65	37	M65x2	KM13	0.2
AH312	60	55	70	40	M70x2	KM14	0.2
AH313	65	60	75	42	M75x2	KM15	0.3
AH314	70	65	80	43	M80x2	KM16	0.3
AH315	75	70	85	45	M85x2	KM17	0.3
AH316	80	75	90	48	M90x2	KM18	0.4
AH317	85	80	100	52	M100x2	KM20	0.5
AH318	90	85	105	53	M105x2	KM21	0.5
AH319	95	90	110	57	M110x2	KM22	0.6
AH320	100	95	115	59	M115x2	KM23	0.7
AH322	110	100	130	63	M130x2	KM26	1.3
AH3122	110	100	125	68	M125x2	KM25	1.3

Withdrawal Sleeves

AHX30, 31 and 32 Series
Metric Bores

For 230 and 231 & 232 Series Spherical Bearings





For 223 Series Spherical Bearings

The removal nut must be ordered separately.

Inch Bores available on request

AHX30, 31 and 32 Series

Part No.	Dimensions (mm)				Thread	Nut	Weight kg
	d	d_1	d_2	l			
AHX310	50	45	55	35	M55x2	KM11	0.1
AHX311	55	50	60	37	M60x2	KM12	0.2
AHX312	60	55	65	40	M65x2	KM13	0.2
AHX317	85	80	95	52	M95x2	KM19	0.4
AHX318	90	85	100	53	M100x2	KM20	0.5
AHX3218	90	85	100	63	M100x2	KM20	0.6
AHX319	95	90	105	57	M105x2	KM21	0.5
AHX320	100	95	110	59	M110x2	KM22	0.6
AHX3120	100	95	110	64	M110x2	KM22	0.6
AHX3220	100	95	110	73	M110 x2	KM22	0.8
AHX322	110	105	120	63	M120x2	KM24	0.7
AHX3122	110	105	120	68	M120x2	KM24	0.8
AHX3222	110	105	125	82	M125x2	KM25	1.0
AHX3024	120	115	130	60	M130x2	KM26	0.8
AHX3124	120	115	130	75	M130x2	KM26	0.9
AHX3224	120	115	135	90	M135x2	KM27	1.3
AHX3026	130	125	140	67	M140x2	KM28	0.9
AHX3126	130	125	140	78	M140x2	KM28	1.1
AHX3226	130	125	145	98	M145x2	KM29	1.6
AHX3028	140	135	150	68	M150x2	KM30	1.0
AHX3128	140	135	150	83	M150x2	KM30	1.3
AHX3228	140	135	155	104	M155x3	KM31	1.8
AHX3030	150	145	160	72	M160x3	KM32	1.1
AHX3130	150	145	165	96	M165x3	KM33	1.8
AHX3230	150	145	165	114	M165x3	KM33	2.2

AHX23 Series

Part No.	Dimensions (mm)				Thread	Nut	Weight kg
	d	d_1	d_2	l			
AHX2310	50	45	55	50	M55x2	KM11	0.21
AHX2311	55	50	60	54	M60x2	KM12	0.25
AHX2312	60	55	65	58	M65x2	KM13	0.30
AHX2314	70	65	80	64	M80x2	KM16	0.47
AHX2315	75	70	85	68	M85x2	KM17	0.53
AHX2316	80	75	90	71	M90x2	KM18	0.60
AHX2317	85	80	95	74	M95x2	KM19	0.67
AHX2318	90	85	100	79	M100x2	KM20	0.78
AHX2319	95	90	105	85	M105x2	KM21	0.88
AHX2320	100	95	110	90	M110x2	KM22	1.0
AHX2322	110	105	125	98	M125x2	KM25	1.4
AHX2324	120	115	135	105	M135x2	KM27	1.6
AHX2326	130	125	145	115	M145x2	KM29	2.0
AHX2328	140	135	155	125	M155x3	KM31	2.3
AHX2330	150	145	165	135	M165x3	KM33	2.8

Roller Bearings

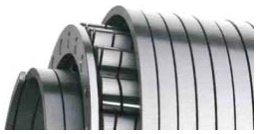
Eich Roller Bearings, manufactured in Germany, are well respected for their ability to function in elevated temperatures while under heavy loads and severe environments. The **BR Series** spring wound, high load, high-impact solid roller design is ideally suited for foot rolls (upper segment) of continuous casters for steel mills. They are generally used on billet, slab, bloom or beam blank casters. The basic design consists of an inner spring-wound race, a set of cylindrical rollers capable of heavy radial loads and an outer spring wound race. Thrust rings on each end help contain and handle thrust. No other bearing offers these features with such load carrying flexibility. The spring wound races expand and contract naturally over a wide temperature range, yet stay tight on the shaft and within the roll on which they are assembled. The BR Series is designed to accommodate 350°C (600°F) temperatures. The wound coil provides a pathway for contaminants to escape. The compact design and simple installation make them ideally suited for such high temp applications and harsh environments.



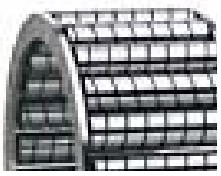
BR Series—Solid Roller



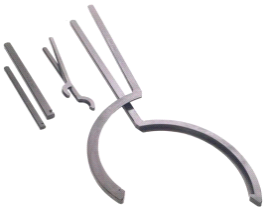
The **B Series** Bearings with spiral wound rollers and flexible wound races allow the most extreme operating temperatures 600°C (1000°F). One version used in Tunnel Furnaces is manufactured exclusively from spring strip steel. They can with stand temperatures in excess of 450°C and absorb impacts that occur from billets or slabs contacting the rolls. A second variation has been adopted for the furnace car wheel, for example, and capable of temperatures that exceeding 500°C. These are essentially cylindrical roller bearings made of high-temperature roller bearing steel. The design of the bearings will adapt to these extreme ambient conditions to eliminate the need for frequent bearing replacement as is often the case with bronze bushed designs. So both the solid or flexible roller designs with spring wound bearing races are capable compact designs with a low sensitivity to contaminants. They are easy to install and require no heating of components.



B Series—Flexible Roller



Installation: Spanner wrenches of different shapes for inner and outer races, allow the installer to expand (unwind) the inner race or tighten (wind-up) the outer race, to slip inner ring onto shafts or slide outer races into housing rolls. Bearings are installed at room temperatures, so no cooling of shafts or handling hot bearings. Wrenches are provided with new orders to make installation/training simple.



Spanner Wrenches for B & BR Series Installation



Additionally, an installation/training CD is also provided to demonstrate the simple procedures for both installation and removal, for inspection or for replacement procedures. Often times, B and BR Series bearings can be re-furbished and re-used, proper inspection and evaluation techniques are demonstrated, saving costly down time.

Eich Guide Rollers use the solid BR-Series roller design and allow re-lubrication from the shaft ends and easy installation and removal. Guide rolls specifications are generally provide by the customer. Standards do not exist. So custom units are normally designed from customer requirements and close dialogue on application requirements.



Water-Cooled Split Bearings are designed to handle extreme loads at elevated temperatures. The races are horizontally split and allow simple roller and race replacement without moving the equipment or rolls on which they are mounted. A classic application is a driven strand guide rollers on a continuous caster.



Water Cooled Split Bearings are manufactured like standard bearings, i.e. turned, heat treated and ground. The final step is the splitting of the race by wire-cut EDM, which is a non-abrasive, precise operation. Each unit under goes a full assembly and test fit prior to release. The full compliment of rollers (no cage = allows the maximum number of rollers) which provides the highest rating possible. The water cooling feature will maintain a safe bearing operating temperature while providing maximum support to the rolls. The cooling water flows around the exterior jacket of the housing allowing the bearing to function in the most severe ambient temperatures. Water inlets and outlets are provided in the base of the housing. Water cooled units are available for shaft sizes from 65mm thru 265mm.

SACRB Bearings: Eich also manufacturers SACRB type bearings (**S**elf **A**ligning **C**ylindrical **R**oller **B**earing). This unit combines the load carrying ability of a cylindrical bearing and the misalignment features of a spherical bearings. Together with expansion (float) capability, this bearing is one of the most versatile and capable units available. The floating unit consists of an inner race, a set of rollers and two outer races. The fixed bearing is supplied with two thrust rings. SACRB units are fully interchangeable with the toroidal roller (CARB) bearings. SACRB bearings include a full compliment of cylindrical rollers in a spherical shell with a cylindrical OD. This bearing will allow axial expansion and angular alignment all in one compact unit. The load capability of this bearing is extremely high, well beyond a comparable spherical roller bearings, due to the full compliment (maximum number possible) and extra wide rollers for the maximum load rating. SACRB Bearings are available for driven or non driven rolls. They allow higher loads than equivalent CARB Bearings. **SACRB are typically have a 10 to 25% higher rating than a comparable CARB bearing and typically 20 to 30% above the similarly sized Spherical bearings.**



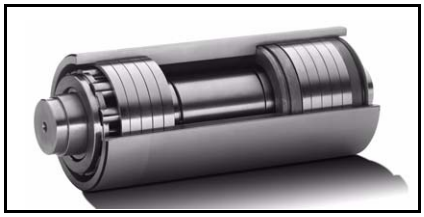
Size Range: Eich bearings are available for 25mm shaft sizes and up to outer diameters of 600mm and anything between. Eich Bearings are well respected in the industry for being a leader in these customized, uniquely featured and highly capable spring wound bearings.

Roller Bearings

Eich BR Series with Solid Rollers



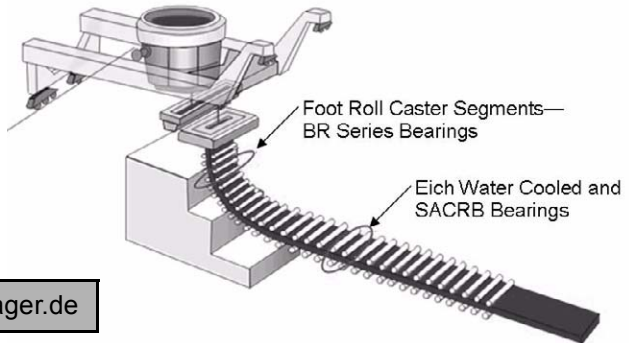




Typical caster foot roll (Uses 2 BR Series Bearings) and re-lube via shaft center

Eich B Series with Flexible Rollers



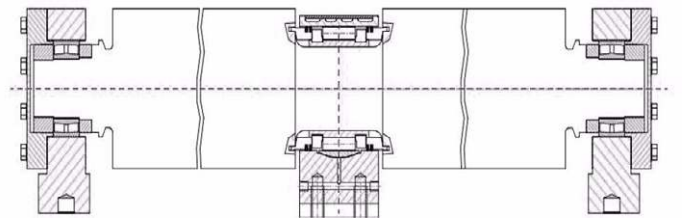


- Bearings for Extreme Conditions
- Spring Steel Coil Design - Expands with Temperature Changes and Improves Bearing Life
- Low Maintenance Costs
- Reduced Down Time

www.eichrollerlager.de

Water Cooled Split Bearings



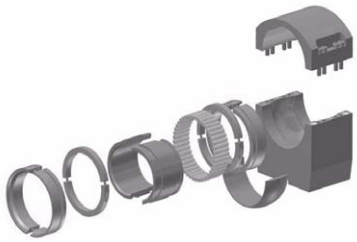


Eich Split Water Cooled Bearing on center Guide Roll

Split Bearing Components



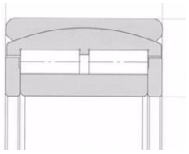




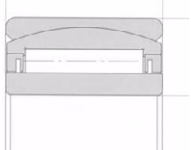


SACRB Bearings:

SACRB Bearings are applied in pairs, one fixed and one float unit per shaft. The fixed Bearing can handle thrust, fixing the roll position, while the float bearing allows for expansion from the thermal growth of the shaft. Consult PTI for additional information on SACRB Units.



Fixed Construction



Float Construction

Flexible Roller Chain Bearing is a flexible bearing cage and not a drive chain. This product was developed to assist in easy installation in furnaces or waste incineration plants.





The bearing is used in elevated positions where its easy installation proves to be a crucial advantage as the flexible roller chain can be easily fitted around the journals or races then joined.

Metric Rod Ends

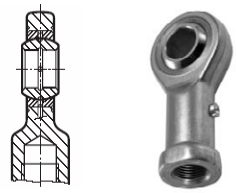


Rod ends are available in a variety of types, sizes, materials and features. PTI stocks the popular versions for immediate delivery. Stock types at PTI are indicated on the following pages. Non-stock items are normally readily available from our warehouse in Europe. Therefore most types and sizes are readily available. Custom types including high performance and hydraulic types are also available on request.

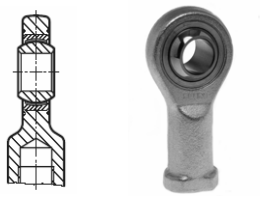
Metric Rod Ends

Internal Threads DIN ISO 12240-4

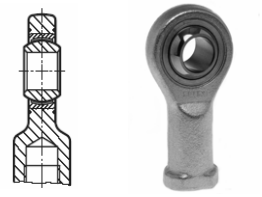
EI..(-2RS) Type
Steel on Steel
Regreasable
Zinc Plated
6-80mm Bores
Compact
Hi Multi-directional Loads



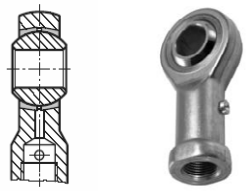
EI..D Type
Maintenance Free
Zinc Plated
6-80mm Bores
Compact
Hi Unidirectional Loads



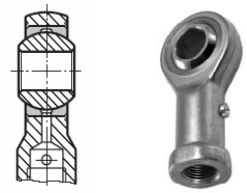
EI..D SS Type
Stainless Steel (Niro)
Maintenance Free
6-80mm Bores
Compact
Hi Unidirectional Loads



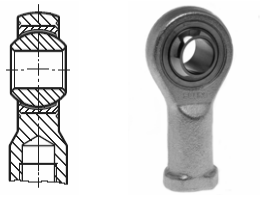
GI Type
Standard
Regreasable
Zinc Plated
5-25mm Bores
Suited For Axial Loads



GIS…GIXS…GIRS... Type
Heavy Duty
Regreasable
Zinc Plated
2-50mm Bores
High Speed

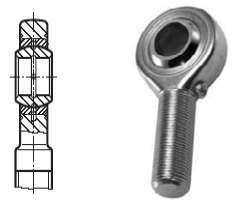


GISW... GIXSW... GIRSW...Type
Heavy Duty
Maintenance Free
5-50mm Bores
OK for Dynamic Loads

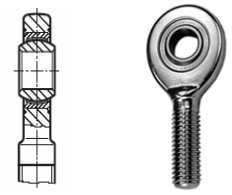


External Threads DIN ISO 12240-4

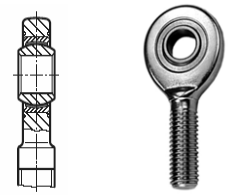
EA..(-2RS) Type
Steel on Steel
Regreasable
Zinc Plated
6-80mm Bores
Compact
Hi Multi-directional Loads



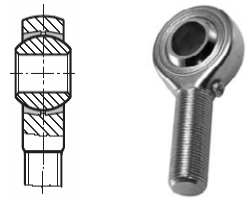
EA..D Type
Maintenance Free
Zinc Plated
6-80mm Bores
Compact
Hi Unidirectional Loads



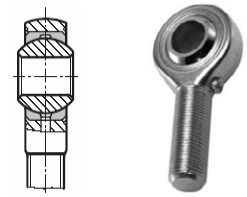
EA..D SS Type
Stainless Steel (Niro)
Maintenance Free
6-80mm Bores
Compact
Hi Unidirectional Loads



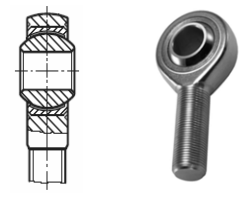
GA Type
Standard
Regreasable
Zinc Plated
5-25mm Bores
Suited For Axial Loads



GAS…GAXS…GARS...Type
Heavy Duty
Regreasable
Zinc Plated
2-50mm Bores
High Speed



GASW... GAXSW... GARSW...Type
Heavy Duty
Maintenance Free
5-50mm Bores
OK for Dynamic Loads



Spherical Plain Bearings DIN ISO 12240-1 with / without outer ring

GE..EC Type
Maintenance Free
Steel on PTFE Liner
6-300mm Bores
Hi Unidirectional Loads



Hydraulic Rod End DIN 812-8.8

FPR..U Type
Regreasable
Steel on Steel, GE..E
20-120mm Bores
For Short Relay Distances and Maximum Stroke.



Corrosion Protection Accessories

RERS & RELS Type
Neoprene Protector Caps
Protects against Dust & Chemicals



Shaded units = indicates most sizes are stock. All others available from European warehouse.

Rod Ends

Technical / Selection Information

Shaft and Housing Fit

Type	Bore Tolerance	Shaft Tolerance	Bearing OD Tolerance	Housing Fit Tolerance
G..Type	H7	g6	h6	J7
E..Type	H7	g7	h5	J57

Threads: Standard Metric ISO, DIN 13, Tolerance h6.

Misalignment Capability: See individual Products.

Internal Clearance

Type	Size	Radial Internal Clearance in mm (min/max)
EI..D / EA..D	06 - 12	0.000 - 0.030
EI..D - NIRO	15 - 20	0.000 - 0.040
EA..D - NIRO	25 - 35	0.000 - 0.050
	40 - 60	0.000 - 0.055
	70 - 80	0.000 - 0.060
GISW / GASW	05 - 10	0.005 - 0.030
GIXSW / GAXSW	12 - 18	0.005 - 0.035
GIRSW / GARSW	20 - 25	0.005 - 0.045
	30 - 40	0.005 - 0.055
GE..EC	06 - 12	0.032 - 0.068
	15 - 20	0.040 - 0.082
	25 - 35	0.050 - 0.100
	40 - 60	0.060 - 0.120
	70 - 80	0.072 - 0.142
GL	02 - 10	0.005 - 0.040
	12 - 18	0.010 - 0.050
	20 - 25	0.015 - 0.060
	30 - 40	0.015 - 1.075
GI / GA	02 - 10	0.005 - 0.035
GIS / GAS	12 - 20	0.010 - 0.040
GIRS / GARS	22 - 44	0.010 - 0.050

Lubrication

Maintenance Free Rod Ends and Spherical Plain Bearings do not require lubrication. The Ball is supported by a PTFE Liner in the housing. Rod Ends are available with regreasable options on request. For GE Type Bearings that can be lubricated we recommend Re-Greasing with a Lithium Grease with a Moly Disulfide Additive.

Temperature Range

SERIES	SURFACES	T (°C)	T (°F)
G..Type GISW / GASW GIRSW / GARSW	Steel on PTFE	-50° TO 200°	-58° TO 392°
E..Type EA..D / EI..D EA..D-NIRO / EI..D-NIRO	Steel on PTFE	-50° TO 200°	-58° TO 392°
G..Type GE..EC	Steel on PTFE	-50° TO 200°	-58° TO 392°

Static Load Ratings C_0

C_0 is the max permissible Static Load that a Rod End can withstand without causing permanent distortion or damage. The Static Load is also used to establish the maximum axial (thrust) load during misalignment where: F_r = Radial Load, Fa = Axial or Thrust Load.

F_a (max) = a · C_0 where: a = 0.5 for GI or GA Types; a = 0.3 for All Others

Dynamic Load Ratings C_n

Dynamic Load Ratings are used to establish the working life of spherical plain bearings or rod ends under Dynamic Load conditions. Use equivalent load features below.

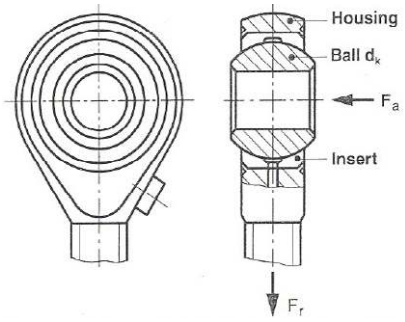
y factor

$\frac{F_a}{F_r}$	.1	.2	.3	.4	.5
y	.8	1	1.5	2.5	3

$F_{eq} = F_r + y \cdot F_a$

F_r = Radial Load

F_a = Axial Load



For Variable Loads, PTI recommends using the max load for sizing / selection purposes.

Thermal & Load Type Service Factors

Rod Ends or Spherical Bearings that must operate in elevated temperatures or in load conditions that could be harsh, a service factor must be applied to insure proper sizing or selection. Use the factors and formula below to determine the max loads suggested.

Temperature Factor (f_T)

Temperature	80C (175°F)	100C(212°F)	150C (300°F)	200C (392°F)	250C (480°F)
Maintenance Free	1	1	1	0.8	0.5
Re-Lube Type	1	1	0.8	0.5	0.3

Load Type Service Factor (f_B)

Load Type	f_B
Steady / Uniform	1.0
Light Shock / Variable	0.5

Use the following formula to determine the max allowable load.

F_r (max) = $C_0 \cdot f_T \cdot f_B$

also F_a (max) = a · F_r (max)

If no bearing load is known in the application, the required Static Load Rating can be determined using the same formula re-written for the Static Load:

$$C_{0\,(req)} \geq \frac{F_r}{f_B \cdot f_T}$$

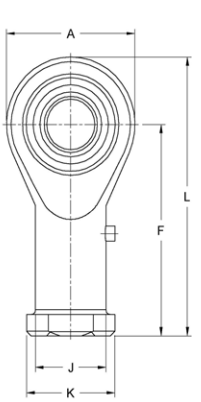
For an expected Life Calculation, many factors contribute and an approximation is the general result, experience is also a good reference. For more details contact PTI.

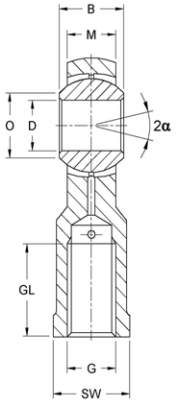
Metric Rod Ends

GI Type

Standard Duty, Zinc Plated
Grease Fitting for Re-Lube
Right & Left Hand - Internal Threads
Suited for Axial Loads







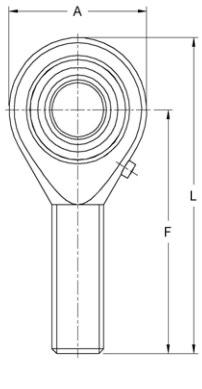
Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13, sizes 14 and up are forged from heat-treated steel to C22, M1023
Insert: Special brass to CuZn40Al1
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished

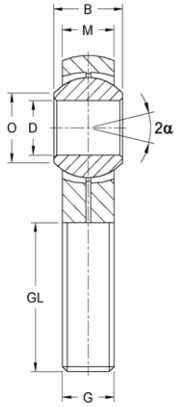
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GI 5	GIL 5	5	8	6.00	18	27	36	11	9.0	7.7	9	M5 x 0.8	10	9.9	2.5	900	18
GI 6	GIL 6	6	9	6.75	20	30	40	13	10.0	8.9	11	M6 x 1	12	11.9	3.2	760	27
GI 8	GIL 8	8	12	9.00	24	36	48	16	12.5	10.4	13	M8 x 1.25	16	17.1	5.4	620	46
GI 10	GIL 10	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.5	20	21.4	7.5	500	76
GI 12	GIL 12	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.75	22	27.0	10.0	450	115
GI 14	GIL 14	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 2	25	24.5	13.0	360	170
GI 16	GIL 16	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 2	28	37.0	16.0	350	230
GI 18	GIL 18	18	23	16.50	46	71	94	31	25.0	21.8	27	M18 x 1.5	32	43.0	19.5	320	320
GI 20	GIL 20	20	25	18.00	50	77	102	34	27.5	24.3	32	M20 x 1.5	33	49.5	23.5	280	415
GI 22	GIL 22	22	28	20.00	54	84	111	37	30.0	25.8	32	M22 x 1.5	37	57.0	29.0	250	540
GI 25	GIL 25	25	31	22.00	60	94	124	42	33.5	29.6	36	M24 x 2	42	68.0	35.0	230	750

GA Type

Standard Duty, Zinc Plated
Grease Fitting for Re-Lube
Right & Left Hand - External Threads
Suited for Axial Loads







Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 14 and up are forged from heat-treated steel to C22, M1023
Insert: Special brass to CuZn40Al1
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
GA 5*	GAL 5*	5	8	6.00	18	33	42	7.7	M5 x .08	20	4.3	2.5	900	13
GA 6	GAL 6	6	9	6.75	20	36	46	8.9	M6 x 1	22	6.0	3.2	760	20
GA 8	GAL 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	11.0	5.4	620	33
GA 10	GAL 10	10	14	10.50	28	48	62	12.9	M10 x 1.5	29	17.4	7.5	500	56
GA 12	GAL 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	25.5	10.0	450	87
GA 14	GAL 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	24.5	13.0	360	129
GA 16	GAL 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	36.5	16.0	350	189
GA 18	GAL 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	43.0	19.5	320	267
GA 20	GAL 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	49.5	23.5	280	348
GA 22	GAL 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	57.0	29.0	250	443
GA 25	GAL 25	25	31	22.00	60	94	124	29.6	M24 x 2	57	68.0	35.0	230	600

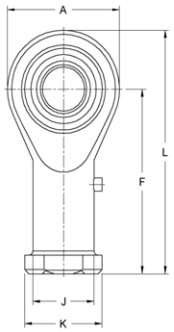
Note: * Without grease fitting.

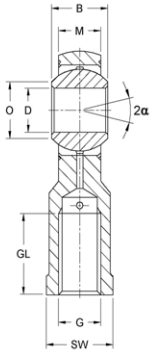
Metric Rod Ends

GIS Type

Heavy Duty, Zlnc Plated
Grease Fitting for Re-Lube
Right & Left Hand - Internal Threads
Suited for High Speed Applications







Housing: Sizes 2-12 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 14-40 are forged from heat-treated steel to C22, M1023
Size 50 is turned from heat-treated steel to C45, Aisi 1045
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel to 100Cr6 Aisi 52100, hardened, ground, polished
This series is also available sealed and with CETOP dimensions for Hydraulic Cylinders

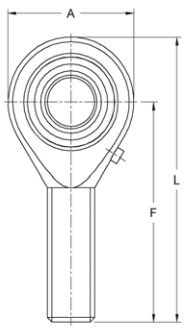
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GIS 2*	GILS 2*	2	4.5	3.60	9	16	20.5	4.5	3.8	2.6	4.0	M2 x 0.4	7	3.0	1.1	—	3
GIS 3	GILS 3	3	6.0	4.50	14	21	27.0	6.5	5.0	5.1	5.5	M3 x 0.5	10	4.1	1.8	—	6
GIS 5	GILS 5	5	8.0	6.00	18	27	36.0	11.0	9.0	7.7	9.0	M5 x 0.8	10	8.0	3.3	—	18
GIS 6	GILS 6	6	9.0	6.75	20	30	40.0	13.0	10.0	8.9	11.0	M6 x 1	12	8.9	4.3	1500	27
GIS 8	GILS 8	8	12.0	9.00	24	36	48.0	16.0	12.5	10.4	13.0	M8 x 1.25	16	14.1	7.1	1200	46
GIS 10	GILS 10	10	14.0	10.50	28	43	57.0	19.0	15.0	12.9	17.0	M10 x 1.5	20	19.3	10.0	1000	76
GIS 12	GILS 12	12	16.0	12.00	32	50	66.0	22.0	17.5	15.4	19.0	M12 x 1.75	22	23.5	13.5	860	115
GIS 14	GILS 14	14	19.0	13.50	36	57	75.0	25.0	20.0	16.8	22.0	M14 x 2	25	21.0	17.0	750	170
GIS 16	GILS 16	16	21.0	15.00	42	64	85.0	27.0	22.0	19.3	22.0	M16 x 2	28	32.0	21.5	660	230
GIS 18	GILS 18	18	23.0	16.50	46	71	94.0	31.0	25.0	21.8	27.0	M18 x 1.5	32	38.5	26.0	600	320
GIS 20	GILS 20	20	25.0	18.00	50	77	102.0	34.0	27.5	24.3	32.0	M20 x 1.5	33	44.0	31.5	540	415
GIS 22	GILS 22	22	28.0	20.00	54	84	111.0	37.0	30.0	25.8	32.0	M22 x 1.5	37	53.0	38.0	500	540
GIS 25	GILS 25	25	31.0	22.00	60	94	124.0	42.0	33.5	29.6	36.0	M24 x 2	42	62.0	47.0	440	750
GIS 30	GILS 30	30	37.0	25.0	70	110	145.0	51.0	40.0	34.8	41.0	M30 x 2	51	82.0	64.0	370	1130
GIS 35	GILS 35	35	43.0	28.0	80	125	165.0	58.0	46.0	37.7	50.0	M36 x 2	56	101.0	80.0	330	1600
GIS 40	GILS 40	40	49.0	35.0	90	142	187.0	69.0	57.0	44.2	60.0	M42 x 2	60	124.0	116.0	290	2770

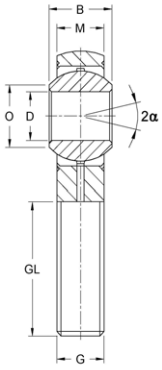
Note: * Without Grease Fitting. Size 50 available on request.

GAS Type

Heavy Duty, Zlnc Plated
Grease Fitting for Re-Lube
Right & Left Hand - External Threads
Suited for High Speed Applications







Housing: Sizes 2-12 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 14-40 are forged from heat-treated steel to C22, M1023
Size 50 is turned from heat-treated steel to C45, Aisi 1045
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, polished
This series is also available sealed and with CETOP dimensions for Hydraulic Cylinder

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
GAS 2*	GALS 2*	2	4.5	3.60	9	20	24.5	2.6	M2 x 0.4	12	0.6	1.1	—	3
GAS 3*	GALS 3*	3	6.0	4.50	14	26	33.0	5.1	M3 x 0.5	15	1.5	1.8	—	6
GAS 5*	GALS 5*	5	8.0	6.00	18	33	42.0	7.7	M5 x 0.8	20	4.3	3.3	—	13
GAS 6	GALS 6	6	9.0	6.75	20	36	46.0	8.9	M6 x 1	22	6.0	4.3	1500	20
GAS 8	GALS 8	8	12.0	9.00	24	42	54.0	10.4	M8 x 1.25	25	11.0	7.0	1200	33
GAS 10	GALS 10	10	14.0	10.50	28	48	62.0	12.9	M10 x 1.5	29	17.4	10.0	1000	56
GAS 12	GALS 12	12	16.0	12.00	32	54	70.0	15.4	M12 x 1.75	33	23.5	13.5	860	87
GAS 14	GALS 14	14	19.0	13.50	36	60	78.0	16.8	M14 x 2	36	21.0	17.0	750	129
GAS 16	GALS 16	16	21.0	15.00	42	66	87.0	19.3	M16 x 2	40	32.0	21.5	660	189
GAS 18	GALS 18	18	23.0	16.50	46	72	95.0	21.8	M18 x 1.5	44	38.5	26.0	600	267
GAS 20	GALS 20	20	25.0	18.00	50	78	103.0	24.3	M20 x 1.5	47	44.0	31.5	540	348
GAS 22	GALS 22	22	28.0	20.00	54	84	111.0	25.8	M22 x 1.5	51	53.0	38.0	500	443
GAS 25	GALS 25	25	31.0	22.00	60	94	124.0	29.6	M24 x 2	58	62.0	47.0	440	600
GAS 30	GALS 30	30	37.0	25.00	70	110	145.0	34.8	M30 x 2	71	82.0	64.0	370	1030
GAS 35	GALS 35	35	43.0	28.00	80	125	165.0	37.7	M36 x 2	73	101.0	80.0	330	1600
GAS 40	GALS 40	40	49.0	35.00	90	142	187.0	44.2	M42 x 2	78	124.0	116.0	290	2550

Note: * Without Grease Fitting. Size 50 available on request.

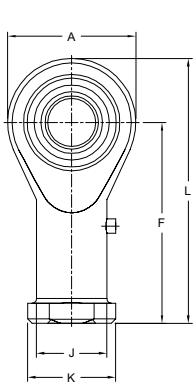
Metric Rod Ends

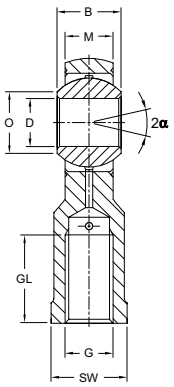
GIXS Type

Extra Heavy Duty, Zinc Plated
Grease Fitting for Re-Lube
Right & Left Hand- Internal Threads
Suited for High Pressure and Tension Loads

Housing: Heat-treated 42CrMo4 steel, Aisi 4140, forged
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished
This series is also available sealed and with CETOP
(European Fluid Power Committee) dimensions for Hydraulic Cylinders







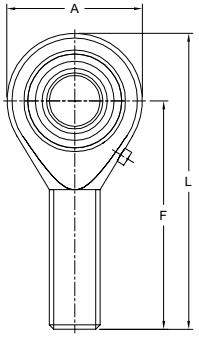
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GIXS 6	GILXS 6	6	9	6.75	20	30	40	13	10.0	8.9	11	M6 x 1	12	16.7	4.3	1500	27
GIXS 8	GILXS 8	8	12	9.00	24	36	48	16	12.5	10.4	13	M8 x 1.25	16	25.5	7.1	1200	46
GIXS 10	GILXS 10	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.5	20	34.8	10.0	1000	76
GIXS 12	GILXS 12	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.75	22	42.0	13.3	860	115
GIXS 14	GILXS 14	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 2	25	57.0	17.0	750	170
GIXS 16	GILXS 16	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 2	28	67.5	21.5	660	230
GIXS 18	GILXS 18	18	23	16.50	46	71	94	31	25.0	21.8	27	M18 x 1.5	32	81.5	26.0	600	320
GIXS 20	GILXS 20	20	25	18.00	50	77	102	34	27.5	24.3	32	M20 x 1.5	33	93.5	31.5	540	415
GIXS 22	GILXS 22	22	28	20.00	54	84	111	37	30.0	25.8	32	M22 x 1.5	37	114.0	38.0	500	540
GIXS 25	GILXS 25	25	31	22.00	60	94	124	42	33.5	29.6	36	M24 x 2	42	135.0	47.0	440	750
GIXS 30	GILXS 30	30	37	25.00	70	110	145	51	40.0	34.8	41	M30 x 2	51	184.0	64.0	370	1130

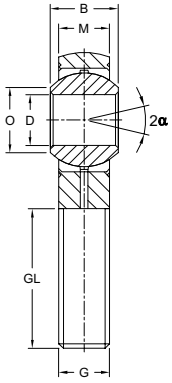
GAXS Type

Extra Heavy Duty, Zinc Plated
Grease Fitting for Re-Lube
Right & Left Hand-External Threads
Suited for High Pressure and Tension Loads

Housing: Heat-treated 42CrMo4 steel, Aisi 4140, forged
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished
This series is also available sealed and with CETOP
(European Fluid Power Committee) dimensions for Hydraulic Cylinders





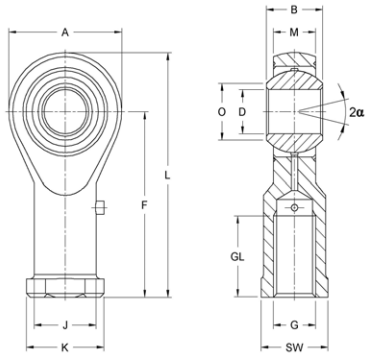


Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
GAXS 6	GALXS 6	6	9	6.75	20	36	46	8.9	M6 x 1	22	9.8	4.3	1500	20
GAXS 8	GALXS 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	19.5	7.1	1200	33
GAXS 10	GALXS 10	10	14	10.50	28	48	62	12.9	M10 x 1.5	29	31.4	10.0	100	56
GAXS 12	GALXS 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	42.0	13.5	860	87
GAXS 14	GALXS 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	57.0	17.0	750	129
GAXS 16	GALXS 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	67.5	21.5	660	189
GAXS 18	GALXS 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	81.5	26.0	600	267
GAXS 20	GALXS 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	93.5	31.5	540	348
GAXS 22	GALXS 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	114.0	38.0	500	443
GAXS 25	GALXS 25	25	31	22.00	60	94	124	29.6	M24 x 2	57	135.0	47.0	440	600
GAXS 30	GALXS 30	30	37	25.00	70	110	145	34.8	M30 x 2	71	184.0	64.0	370	1030

Metric Rod Ends

GIRS Type





Stainless Steel
Grease Fitting for Re-Lube
Right & Left Hand - Internal Threads
Suited for Corrosive Environments

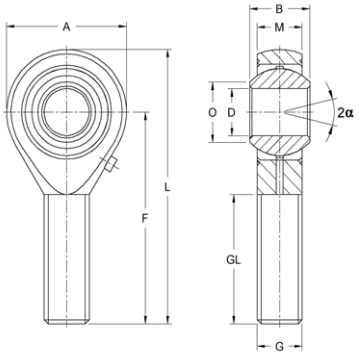
Housing: Stainless Steel 1.4057, Aisi 431, forged, polished
Sizes 40 made from stainless steel to 1.4057, Aisi 431, turned
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated
This series is also available sealed on request

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C₀ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GIRS 3*	GILRS 3*	3	6.0	4.50	14	21	27	6.5	5.0	5.1	5.5	M3 x 0.5	10	8.0	1.8	—	6
GIRS 5	GILRS 5	5	8.0	6.00	18	27	36	11.0	9.0	7.7	9.0	M5 x 0.8	10	11.8	3.3	1200	18
GIRS 6	GILRS 6	6	9.0	6.75	20	30	40	13.0	10.0	8.9	11.0	M6 x 1.0	12	13.1	4.3	1500	27
GIRS 8	GILRS 8	8	12.0	9.00	24	36	48	16.0	12.5	10.4	13.0	M8 x 1.25	16	20.7	7.1	1200	46
GIRS 10	GILRS 10	10	14.0	10.50	28	43	57	19.0	15.0	12.9	17.0	M10 x 1.50	20	28.3	10.0	1000	76
GIRS 12	GILRS 12	12	16.0	12.00	32	50	66	22.0	17.5	15.4	19.0	M12 x 1.75	22	34.5	13.5	860	115
GIRS 14	GILRS 14	14	19.0	13.50	36	57	75	25.0	20.0	16.8	22.0	M14 x 2	25	39.5	17.0	750	170
GIRS 16	GILRS 16	16	21.0	15.00	42	64	85	27.0	22.0	19.3	22.0	M16 x 2	28	60.5	21.5	660	230
GIRS 18	GILRS 18	18	23.0	16.50	46	71	94	31.0	25.0	21.8	27.0	M18 x 1.5	32	73.0	26.0	600	320
GIRS 20	GILRS 20	20	25.0	18.00	50	77	102	34.0	27.5	24.3	32.0	M20 x 1.5	33	83.0	31.5	540	415
GIRS 22	GILRS 22	22	28.0	20.00	54	84	111	37.0	30.0	25.8	32.0	M22 x 1.5	37	100.0	38.0	500	540
GIRS 25	GILRS 25	25	31.0	22.00	60	94	124	42.0	33.5	29.6	36.0	M24 x 2	42	118.0	47.0	440	750
GIRS 30	GILRS 30	30	37.0	25.00	70	110	145	51.0	40.0	34.8	41.0	M30 x 2	51	155.0	64.0	370	1130
GIRS 35	GILRS 35	35	43.0	28.00	80	125	165	58.0	46.0	37.7	50.0	M36 x 2	56	191.0	80.0	330	1600
GIRS 40	GILRS 40	40	49.0	35.00	90	142	187	69.0	57.0	44.2	60.0	M42 x 2	60	235.0	116.0	290	2770

Note: * Without Lube Fitting

GARS Type





Stainless Steel
Grease Fitting for Re-Lube
Right & Left Hand - External Threads
Suited for Corrosive Environments

Housing: Stainless Steel 1.4057, Aisi 431, forged, polished
Sizes 40 made from stainless steel to 1.4057, Aisi 431, turned
Insert: Special high strength bronze to CuSn8
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated
This series is also available sealed on request

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C₀ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
GARS 3*	GALRS 3*	3	6.0	4.50	14	26	33.0	5.1	M3 x 0.5	15	7.0	1.8	—	6
GARS 5*	GALRS 5*	5	8.0	6.00	18	33	42.0	7.7	M5 x 0.8	20	6.2	3.3	—	13
GARS 6	GALRS 6	6	9.0	6.75	20	36	46.0	8.9	M6 x 1.0	22	8.8	4.3	1500	20
GARS 8	GALRS 8	8	12.0	9.00	24	42	54.0	10.4	M8 x 1.25	25	16.1	7.0	1200	33
GARS 10	GALRS 10	10	14.0	10.50	28	48	62.0	12.9	M10 x 1.5	29	25.5	10.0	1000	56
GARS 12	GALRS 12	12	16.0	12.00	32	54	70.0	15.4	M12 x 1.75	33	34.5	13.5	860	87
GARS 14	GALRS 14	14	19.0	13.50	36	60	78.0	16.8	M14 x 2	36	39.5	17.0	750	129
GARS 16	GALRS 16	16	21.0	15.00	42	66	87.0	19.3	M16 x 2	40	60.5	21.5	660	189
GARS 18	GALRS 18	18	23.0	16.50	46	72	95.0	21.8	M18 x 1.5	44	73.0	26.0	600	267
GARS 20	GALRS 20	20	25.0	18.00	50	78	103.0	24.3	M20 x 1.5	47	83.0	31.5	540	348
GARS 22	GALRS 22	22	28.0	20.00	54	84	111.0	25.8	M22 x 1.5	51	100.0	38.0	500	443
GARS 25	GALRS 25	25	31.0	22.00	60	94	124.0	29.6	M24 x 2	58	118.0	47.0	440	600
GARS 30	GALRS 30	30	37.0	25.00	70	110	145.0	34.8	M30 x 2	71	155.0	64.0	370	1030
GARS 35	GALRS 35	35	43.0	28.00	80	125	165.0	37.7	M36 x 2	73	191.0	80.0	330	1600
GARS 40	GALRS 40	40	49.0	35.00	90	142	187.0	44.2	M42 x 2	78	235.0	116.0	290	2570

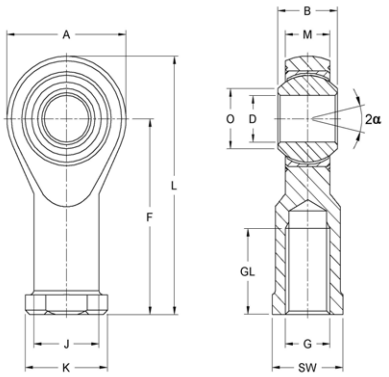
Note: * Without Lube Fitting

Metric Rod Ends

GISW Type

Maintenance Free
PTFE Teflon Liner
Zinc Plated
Right & Left Hand - Internal Threads
Suited for Dynamic Loads





Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 14-40 are forged from heat-treated steel to C22, M1023
Size 50 turned from C45, Aisi 1045, heat-treated steel
Insert: Free-cutting steel to 9SMnPb28K, 12L13, with PTFE Teflon liner bonded to the inner surface
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished
Sizes 8-20 available as a sealed version on request

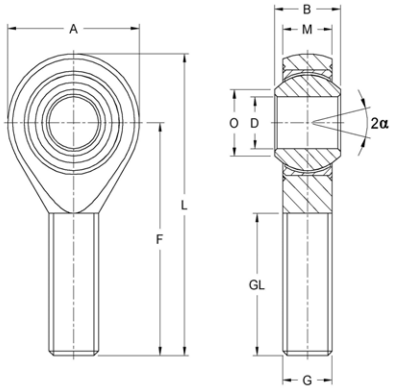
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM *	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GISW 5	GILSW 5	5	8	6.00	18	27	36	11	9.0	7.7	9	M5 x 0.8	10	8.0	7.5	600	18
GISW 6	GILSW 6	6	9	6.75	20	30	40	13	10.0	8.9	11	M6 x 1.0	12	8.9	9.3	530	27
GISW 8	GILSW 8	8	12	9.00	24	36	48	16	12.5	10.4	13	M8 x 1.25	16	14.1	16.7	420	46
GISW 10	GILSW 10	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.5	20	19.3	23.4	350	76
GISW 12	GILSW 12	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.75	22	23.5	32.0	300	115
GISW 14	GILSW 14	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 2	25	21.0	42.0	260	170
GISW 16	GILSW 16	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 2	28	32.0	52.5	230	230
GISW 18	GILSW 18	18	23	16.50	46	71	94	31	25.0	21.8	27	M18 x 1.5	32	38.5	64.0	210	320
GISW 20	GILSW 20	20	25	18.00	50	77	102	34	27.5	24.3	32	M20 x 1.5	33	44.0	78.0	190	415
GISW 22	GILSW 22	22	28	20.00	54	84	111	37	30.0	25.8	32	M22 x 1.5	37	53.0	97.0	170	540
GISW 25	GILSW 25	25	31	22.00	60	94	124	42	33.5	29.6	36	M24 x 2	42	62.0	122.0	150	750
GISW 30	GILSW 30	30	37	25.00	70	110	145	51	40.0	34.8	41	M30 x 2	51	82.0	168.0	130	1130
GISW 35	GILSW 35	35	43	28.00	80	125	165	58	46.0	37.7	50	M36 x 2	56	101.0	206.0	110	1600
GISW 40	GILSW 40	40	49	35.00	90	142	187	69	57.0	44.2	60	M42 x 2	60	124.0	286.0	100	2770

Note: * Only recommended for short term revolutions. Size 50 available on request.

GASW Type

Maintenance Free
PTFE Teflon Liner
Zinc Plated
Right & Left Hand - External Threads
Suited for Dynamic Loads





Housing: Sizes 5-12 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 14-40 are forged from heat-treated steel to C22, M1023
Size 50 turned from C45, Aisi 1045, heat-treated steel
Insert: Free-cutting steel to 9SMnPb28K, 12L13, with PTFE Teflon liner bonded to the inner surface
Ball: Bearing steel 100Cr6 (Aisi 52100), hardened, ground, polished
Sizes 8-20 available as a sealed version on request

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM *	Wt. g
			B	M	A	F	L	O	G	GL				
GASW 5	GALSW 5	5	8	6.00	18	33	42	7.7	M5 x 0.8	20	4.3	7.5	600	13
GASW 6	GALSW 6	6	9	6.75	20	36	46	8.9	M6 x 1.0	22	6.0	9.3	530	20
GASW 8	GALSW 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	11.0	16.7	420	33
GASW 10	GALSW 10	10	14	10.50	28	48	62	12.9	M10 x 1.50	29	17.4	23.4	350	56
GASW 12	GALSW 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	23.5	32.0	300	87
GASW 14	GALSW 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	21.0	42.0	260	129
GASW 16	GALSW 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	32.0	52.5	230	189
GASW 18	GALSW 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	38.5	64.0	210	267
GASW 20	GALSW 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	44.0	78.0	190	348
GASW 22	GALSW 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	53.0	97.0	170	443
GASW 25	GALSW 25	25	31	22.00	60	94	124	29.6	M24 x 2	58	62.0	122.0	150	600
GASW 30	GALSW 30	30	37	25.00	70	110	145	34.8	M30 x 2	71	82.0	168.0	130	1030
GASW 35	GALSW 35	35	43	28.00	80	125	165	37.7	M36 x 2	73	101.0	206.0	110	1600
GASW 40	GALSW 40	40	49	35.00	90	142	187	44.2	M42 x 2	78	124.0	286.0	100	2570

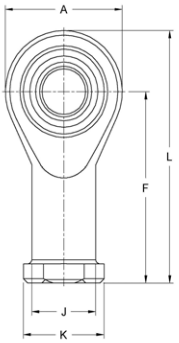
Note: * Only recommended for short term revolutions. Size 50 available on request.

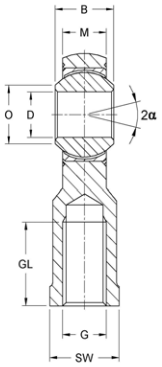
Metric Rod Ends

GIXSW Type

Heat Treated Steel
Maintenance Free
PTFE Teflon Liner
Right & Left Hand - Internal Threads
Suited for High Pressure and Tension Loads







Housing: Heat -treated 42CrMo4, Aisi 4140, forged
Insert: Free-cutting steel 9SMnPb28K,12L13, with PTFE liner bonded to the inner surface
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished
Sealed version available on request

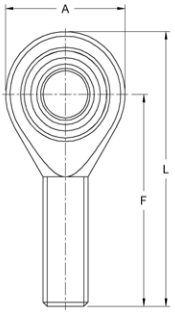
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM *	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GIXSW 6	GILXSW 6	6	9	6.75	20	30	40	13	10.0	8.9	11	M6 x 1.0	12	16.7	9.3	530	27
GIXSW 8	GILXSW 8	8	12	9.00	24	36	48	16	12.5	10.4	13	M8 x 1.25	16	25.5	16.7	420	46
GIXSW 10	GILXSW 10	10	14	10.50	28	43	57	19	15.0	12.9	17	M10 x 1.5	20	34.8	23.4	350	76
GIXSW 12	GILXSW 12	12	16	12.00	32	50	66	22	17.5	15.4	19	M12 x 1.75	22	42.0	32.0	300	115
GIXSW 14	GILXSW 14	14	19	13.50	36	57	75	25	20.0	16.8	22	M14 x 2	25	57.0	42.0	260	170
GIXSW 16	GILXSW 16	16	21	15.00	42	64	85	27	22.0	19.3	22	M16 x 2	28	67.5	52.5	230	230
GIXSW 18	GILXSW 18	18	23	16.50	46	71	94	31	25.0	21.8	27	M18 x 1.5	32	81.5	64.0	210	320
GIXSW 20	GILXSW 20	20	25	18.00	50	77	102	34	27.5	24.3	32	M20 x 1.5	33	93.5	78.0	190	415
GIXSW 22	GILXSW 22	22	28	20.00	54	84	111	37	30.0	25.8	32	M22 x 1.5	37	114.0	97.0	170	540
GIXSW 25	GILXSW 25	25	31	22.00	60	94	124	42	33.5	29.6	36	M24 x 2	42	135.0	122.0	150	750
GIXSW 30	GILXSW 30	30	37	25.00	70	110	145	51	40.0	34.8	41	M30 x 2	51	184.0	168.0	130	1130

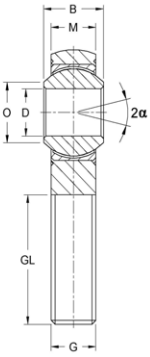
Note: *Only recommended for short term revolutions. Size 35 available on request.

GAXSW Type

Heat Treated Steel
Maintenance Free
PTFE Teflon Liner
Right & Left Hand - External Threads
Suited for High Pressure and Tension Loads







Housing: Heat -treated 42CrMo4, Aisi 4140, forged
Insert: Free-cutting steel 9SMnPb28K,12L13, with PTFE liner bonded to the inner surface
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished
Sealed version available on request

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM *	Wt. g
			B	M	A	F	L	O	G	GL				
GAXSW 6	GALXSW 6	6	9	6.75	20	36	46	8.9	M6 x 1.0	22	9.8	9.3	530	20
GAXSW 8	GALXSW 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	19.5	16.7	420	33
GAXSW 10	GALXSW 10	10	14	10.50	28	48	62	12.9	M10 x 1.5	29	31.4	23.4	350	56
GAXSW 12	GALXSW 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	42.0	32.0	300	87
GAXSW 14	GALXSW 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	57.0	42.0	260	129
GAXSW 16	GALXSW 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	67.5	52.5	230	189
GAXSW 18	GALXSW 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	81.5	64.0	210	267
GAXSW 20	GALXSW 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	93.5	78.0	190	348
GAXSW 22	GALXSW 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	114.0	97.0	170	443
GAXSW 25	GALXSW 25	25	31	22.00	60	94	124	29.6	M24 x 2	57	135.0	122.0	150	600
GAXSW 30	GALXSW 30	30	37	25.00	70	110	145	34.8	M30 x 2	71	184.0	168.0	130	1030

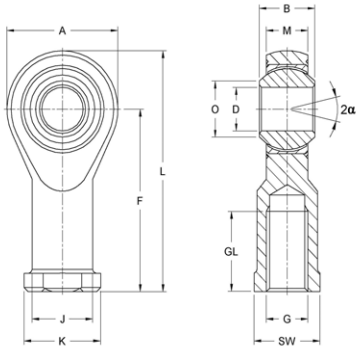
Note: *Only recommended for short term revolutions. Size 35 available on request.

Metric Rod Ends

GIRSW Type

Stainless Steel
Maintenance Free
PTFE Teflon Liner
Right & Left Hand - Internal Threads
Suited for High Dynamic Pressure and Tension Loads in Corrosive Environment





Housing: Stainless Steel 1.4057, Aisi 431, forged, polished
Size 40 turned from stainless steel 1.4057, Aisi 431
Insert: Special high strength bronze CuSn8 with PTFE teflon liner bonded to the inner surface
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated
On request: Insert: Stainless steel 1.4571, aisi 316Ti Ball: Stainless steel 1.4034, Aisi 420C hardened, ground, polished or in stainless steel 1.4401, Aisi 316 ground, polished

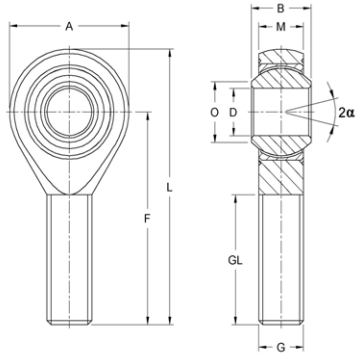
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM **	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
GIRSW 4*	GILRSW 4*	4	7	5.25	14	24	31	9.5	7.8	6.5	8	M4 x 0.7	12	7.0	5.3	—	11
GIRSW 5	GILRSW 5	5	8	6.00	18	27	36	11.0	9.0	7.7	9	M5 x 0.8	10	8.0	6.0	600	18
GIRSW 6	GILRSW 6	6	9	6.75	20	30	40	13.0	10.0	8.9	11	M6 x 1	12	9.0	6.8	530	27
GIRSW 8	GILRSW 8	8	12	9.00	24	36	48	16.0	12.5	10.4	13	M8 x 1.25	16	12.0	9.0	420	46
GIRSW 10	GILRSW 10	10	14	10.50	28	43	57	19.0	15.0	12.9	17	M10 x 1.5	20	28.3	23.4	350	76
GIRSW 12	GILRSW 12	12	16	12.00	32	50	66	22.0	17.5	15.4	19	M12 x 1.75	22	34.5	32.0	300	115
GIRSW 14	GILRSW 14	14	19	13.50	36	57	75	25.0	20.0	16.8	22	M14 x 2	25	39.5	42.0	260	170
GIRSW 16	GILRSW 16	16	21	15.00	42	64	85	27.0	22.0	19.3	22	M16 x 2	28	60.5	52.5	230	230
GIRSW 18	GILRSW 18	18	23	16.50	46	71	94	31.0	25.0	21.8	27	M18 x 1.5	32	73.0	64.0	210	320
GIRSW 20	GILRSW 20	20	25	18.00	50	77	102	34.0	27.5	24.3	32	M20 x 1.5	33	83.0	78.0	190	415
GIRSW 22	GILRSW 22	22	28	20.00	54	84	111	37.0	30.0	25.8	32	M22 x 1.5	37	100.0	97.0	170	540
GIRSW 25	GILRSW 25	25	31	22.00	60	94	124	42.0	33.5	29.6	36	M24 x 2	42	118.0	122.0	150	750
GIRSW 30	GILRSW 30	30	37	25.00	70	110	145	51.0	40.0	34.8	41	M30 x 2	51	155.0	168.0	130	1130
GIRSW 35	GILRSW 35	35	43	28.00	80	125	165	58.0	46.0	37.7	50	M36 x 2	56	191.0	206.0	110	1600
GIRSW 40	GILRSW 40	40	49	35.00	90	142	187	69.0	57.0	44.2	60	M42 x 2	60	235.0	286.0	100	2770

Note: * Size 4 on request and housing from Aisi 303. **Only recommended for short term revolutions.

GARSW Type

Stainless Steel
Maintenance Free
PTFE Teflon Liner
Right & Left Hand - External Threads
Suited for High Dynamic Pressure and Tension Loads in Corrosive Environment





Housing: Stainless Steel 1.4057, Aisi 431, forged, polished
Size 40 turned from stainless steel 1.4057, Aisi 431
Insert: Special high strength bronze CuSn8 with PTFE teflon liner bonded to the inner surface
Ball: Bearing steel 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated
On request: Insert: Stainless steel 1.4571, aisi 316Ti Ball: Stainless steel 1.4034, Aisi 420C hardened, ground, polished or in stainless steel 1.4401, Aisi 316 ground, polished

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM **	Wt. g
			B	M	A	F	L	O	G	GL				
GARSW 4*	GALRSW 4*	4	7	5.25	14	30	37	6.5	M4 x 0.7	19	1.3	0.8	—	9
GARSW 5	GALRSW 5	5	8	6.00	18	33	42	7.7	M5 x 0.8	20	6.2	7.5	600	13
GARSW 6	GALRSW 6	6	9	6.75	20	36	46	8.9	M6 x 1	22	8.8	9.3	530	20
GARSW 8	GALRSW 8	8	12	9.00	24	42	54	10.4	M8 x 1.25	25	16.1	16.7	420	33
GARSW 10	GALRSW 10	10	14	10.50	28	48	62	12.9	M10 x 1.5	29	25.5	23.4	350	56
GARSW 12	GALRSW 12	12	16	12.00	32	54	70	15.4	M12 x 1.75	33	34.5	32.0	300	87
GARSW 14	GALRSW 14	14	19	13.50	36	60	78	16.8	M14 x 2	36	39.5	42.0	260	129
GARSW 16	GALRSW 16	16	21	15.00	42	66	87	19.3	M16 x 2	40	60.5	52.5	230	189
GARSW 18	GALRSW 18	18	23	16.50	46	72	95	21.8	M18 x 1.5	44	73.0	64.0	210	267
GARSW 20	GALRSW 20	20	25	18.00	50	78	103	24.3	M20 x 1.5	47	83.0	78.0	190	348
GARSW 22	GALRSW 22	22	28	20.00	54	84	111	25.8	M22 x 1.5	51	100.0	97.0	170	443
GARSW 25	GALRSW 25	25	31	22.00	60	94	124	29.6	M24 x 2	58	118.0	122.0	150	600
GARSW 30	GALRSW 30	30	37	25.00	70	110	145	34.8	M30 x 2	71	155.0	168.0	130	1030
GARSW 35	GALRSW 35	35	43	28.00	80	125	165	37.7	M36 x 2	73	191.0	206.0	110	1600
GARSW 40	GALRSW 40	40	49	35.00	90	142	187	44.2	M42 x 2	78	235.0	286.0	100	2570

Note: * Size 4 on request and housing from Aisi 303. **Only recommended for short term revolutions.

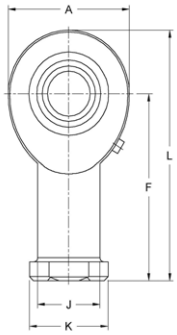
Metric Rod Ends

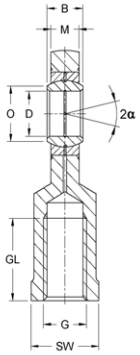
EI Type

Steel on Steel
Grease Fitting for Re-Lube
Right & Left Hand-Internal Threads
Suited for High Multi-directional Loads and Narrow Width

Housing: Sizes 6-10 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 12 and up forged from heat-treated steel to C45, Aisi1045
Bearing: Steel on steel bearing GE...E, requiring lubrication
Size 20 and up available sealed from both sides (-2RS)
Size 6-17 without grease fitting
Size 20 and up with grease fitting
Size 20,25 & 30 available with or without 2RS Seals
Size 35 and larger all with 2RS Seals







Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
EI 6	EIL 6	6	6	4.4	20	30	40.0	13	10.0	8.0	11	M6 x 1	12	10.3	3.4	13	21
EI 8	EIL 8	8	8	6.0	24	36	48.0	16	12.5	10.2	14	M8 x 1.25	16	15.8	5.5	15	38
EI 10	EIL10	10	9	7.0	28	43	57.0	19	15.0	13.2	17	M10 x 1.5	20	23.4	8.1	12	60
EI 12	EIL 12	12	10	8.0	34	50	67.0	22	17.5	14.9	19	M12 x 1.75	23	31.0	10.8	11	96
EI 15	EIL 15	15	12	10.0	40	61	81.0	26	21.0	18.4	22	M14 x 2	29	42.5	17.0	8	180
EI 16	EIL 16	16	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	54.5	21.2	10	220
EI 17	EIL 17	17	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	54.5	21.2	10	220
EI 20 (-2RS)*	EIL 20 (-2RS)*	20	16	13.0	53	77	103.5	35	27.5	24.2	32	M20 x 1.5	40	62.5	30.0	9	350
EI 25 (-2RS)*	EIL 25 (-2RS)*	25	20	17.0	64	94	126.0	42	33.5	29.3	36	M24 x 2	48	92.0	48.0	7	640
EI 30 (-2RS)*	EIL 30 (-2RS)*	30	22	19.0	73	110	146.5	50	40.0	34.2	41	M30 x 2	56	124.0	62.0	6	930
EI 35 -2RS	EIL 35 -2RS	35	25	21.0	82	125	166.0	58	47.0	39.8	50	M36 x 3	60	144.0	80.0	6	1300
EI 40 -2RS	EIL 40 -2RS	40	28	23.0	92	142	188.0	65	52.0	45.0	55	M39 x 3	65	178.0	100.0	7	2000

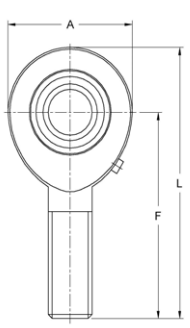
Note: Size 45,50,60,70 and 80mm units available on request. * Available with or without seals.

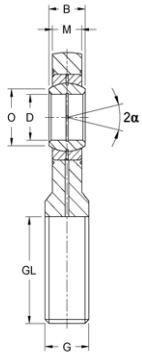
EA Type

Steel on Steel
Grease Fitting for Re-Lube
Right & Left Hand-External Threads
Suited for High Multi-directional Loads and Narrow Width

Housing: Sizes 6-10 turned from free-cutting steel to 9SMnPb28K, 12L13
Sizes 12 and up forged from heat-treated steel to C45, Aisi1045
Bearing: Steel on steel bearing GE...E, requiring lubrication
Size 20 and up available sealed from both sides (-2RS)
Size 6-17 without grease fitting
Size 20 and up with grease fitting
Size 20,25 & 30 available with or without 2RS Seals
Size 35 and larger all with 2RS Seals







Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
EA 6	EAL 6	6	6	4.4	20	36	46.0	8.0	M6 x 1	18	6.9	3.4	13	16
EA 8	EAL 8	8	8	6.0	24	42	54.0	10.2	M8 x 1.25	22	12.7	5.5	15	28
EA 10	EAL10	10	9	7.0	28	48	62.0	13.2	M10 x 1.5	26	19.9	8.1	12	50
EA 12	EAL 12	12	10	8.0	34	54	71.0	14.9	M12 x 1.75	28	29.0	10.8	11	86
EA 15	EAL 15	15	12	10.0	40	63	83.0	18.4	M14 x 2	34	39.5	17.0	8	140
EA 16	EAL 16	16	14	11.0	46	69	92.0	20.7	M16 x 2	36	54.0	21.2	10	190
EA 17	EAL 17	17	14	11.0	46	69	92.0	20.7	M16 x 2	36	54.0	21.2	10	190
EA 20 (-2RS)*	EAL 20 (-2RS)*	20	16	13.0	53	78	104.5	24.2	M20 x 1.5	43	62.5	30.0	9	320
EA 25 (-2RS)*	EAL 25 (-2RS)*	25	20	17.0	64	94	126.0	29.3	M24 x 2	43	92.0	48.0	7	560
EA 30 (-2RS)*	EAL 30 (-2RS)*	30	22	19.0	73	110	146.5	34.2	M30 x 2	65	124.0	62.0	6	890
EA 35 -2RS	EAL 35 -2RS	35	25	21.0	82	140	181.0	39.8	M36 x 3	82	144.0	80.0	6	1400
EA 40 -2RS	EAL 40 -2RS	40	28	23.0	92	150	196.0	45.0	M39 x 3	86	178.0	100.0	7	1800

Note: Size 45,50,60,70 and 80mm units available on request. * Available with or without seals.

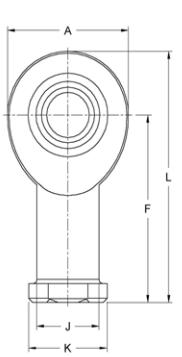
Metric Rod Ends

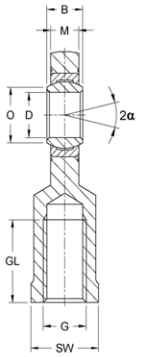
EI..D Type

Steel-Zinc Plated
Maintenance Free
Right & Left Hand-Internal Threads
Suited for High Uni-directional Loads and Narrow Width

Housing: Up to size 10 turned, from free-cutting steel to 9SMnPb28K, 12L13
From size 12 forged, from heat-treated steel to C45, Aisi 1045
Bearing: maintenance free steel / PTFE bearing GE...EC
From size 20 available sealed from both sides (-2RS)
From size 35 only available sealed from both sides (-2RS)
Size 20,25 & 30 available with or without 2RS Seals
Size 35 and larger all with 2RS Seals







Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
EI 6 D	EIL 6 D	6	6	4.4	20	30	40.0	13	10.0	8.0	11	M6 x 1	12	10.3	3.6	13	21
EI 8 D	EIL 8 D	8	8	6.0	24	36	48.0	16	12.5	10.2	14	M8 x 1.25	16	15.8	5.8	15	38
EI 10 D	EIL10 D	10	9	7.0	28	43	57.0	19	15.0	13.2	17	M10 x 1.5	20	23.4	8.6	12	60
EI 12 D	EIL 12 D	12	10	8.0	34	50	67.0	22	17.5	14.9	19	M12 x 1.75	23	31.0	11.5	11	96
EI 15 D	EIL 15 D	15	12	10.0	40	61	81.0	26	21.0	18.4	22	M14 x 2	29	42.5	17.5	8	180
EI 16 D	EIL 16 D	16	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	54.5	22.5	10	220
EI 17 D	EIL 17 D	17	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	54.5	22.5	10	220
EI 20 D (-2RS)*	EIL 20 D (-2RS)*	20	16	13.0	53	77	103.5	35	27.5	24.2	32	M20 x 1.5	40	62.5	31.5	9	350
EI 25 D (-2RS)*	EIL 25 D (-2RS)*	25	20	17.0	64	94	126.0	42	33.5	29.3	36	M24 x 2	48	92.0	51.0	7	640
EI 30 D (-2RS)*	EIL 30 D (-2RS)*	30	22	19.0	73	110	146.5	50	40.0	34.2	41	M30 x 2	56	124.0	66.0	6	930
EI 35 D	EIL 35 D	35	25	21.0	82	125	166.0	58	47.0	39.8	50	M36 x 3	60	144.0	140.0	6	1300
EI 40 D	EIL 40 D	40	28	23.0	92	142	188.0	65	52.0	45.0	55	M39 x 3	65	178.0	185.0	7	2000

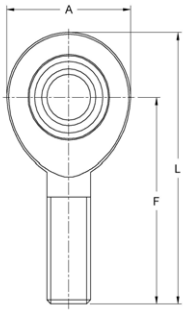
Note: Size 45,50,60,70 and 80mm units available on request. *Available with and without 2RS Seals

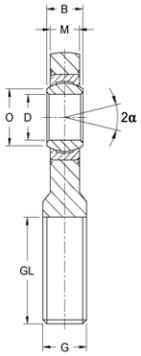
EA..D Type

Steel-Zinc Plated
Maintenance Free
Right & Left Hand-External Threads
Suited for High Uni-directional Loads and Narrow Width

Housing: Up to size 10 turned, from free-cutting steel to 9SMnPb28K, 12L13
From size 12 forged, from heat-treated steel to C45, Aisi 1045
Bearing: maintenance free steel / PTFE bearing GE...EC
From size 20 available sealed from both sides (-2RS)
From size 35 only available sealed from both sides (-2RS)
Size 20,25 & 30 available with or without 2RS Seals
Size 35 and larger all with 2RS Seals







Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
EA 6 D	EAL 6 D	6	6	4.4	20	36	46.0	8.0	M6	18	6.9	3.6	13	16
EA 8 D	EAL 8 D	8	8	6.0	24	42	54.0	10.2	M8 x 1.25	22	12.7	5.8	15	28
EA 10 D	EAL10 D	10	9	7.0	28	48	62.0	13.2	M10 x 1.5	26	19.9	8.6	12	50
EA 12 D	EAL 12 D	12	10	8.0	34	54	71.0	14.9	M12 x 1.75	28	29.0	11.5	11	86
EA 15 D	EAL 15 D	15	12	10.0	40	63	83.0	18.4	M14 x 2	34	39.5	17.5	8	140
EA 16 D	EAL 16 D	16	14	11.0	46	69	92.0	20.7	M16 x 2	36	54.0	22.5	10	190
EA 17 D	EAL 17 D	17	14	11.0	46	69	92.0	20.7	M16 x 2	36	54.0	22.5	10	190
EA 20 D (-2RS)*	EAL 20 D (-2RS)*	20	16	13.0	53	78	104.5	24.2	M20 x 1.5	43	62.5	31.5	9	320
EA 25 D (-2RS)*	EAL 25 D (-2RS)*	25	20	17.0	64	94	126.0	29.3	M24 x 2	43	92.0	51.0	7	560
EA 30 D (-2RS)*	EAL 30 D (-2RS)*	30	22	19.0	73	110	146.5	34.2	M30 x 2	65	124.0	66.0	6	890
EA 35 D	EAL 35 D	35	25	21.0	82	140	181.0	39.8	M36 x 3	82	144.0	140.0	6	1400
EA 40 D	EAL 40 D	40	28	23.0	92	150	196.0	45.0	M39 x 3	86	178.0	185.0	7	1800

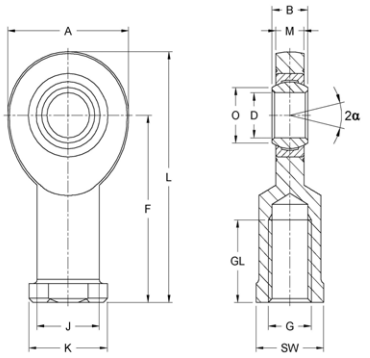
Note: Size 45,50,60,70 and 80mm units available on request. *Available with and without 2RS Seals.

Metric Rod Ends

EI..D SS Type

Stainless Steel
Maintenance Free
Right & Left Hand - Internal Threads
Suited for High Uni-directional Loads,
Corrosive Environments, Narrow Widths





Housing: Size 6 to 40 stainless steel to 1.4301, Aisi 304, forged, polished
Size 45 stainless steel to 1.4301, Aisi 304, turned
Size 50 stainless steel to 1.4571, Aisi 316Ti, turned
Bearing: Maintenance free stainless steel Spherical Plain Bearing GE..EC-NIRO

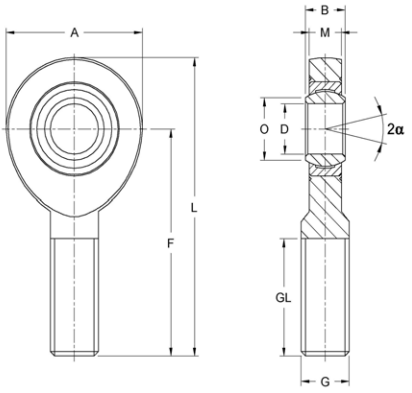
Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)											Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	K	J	O	SW	G	GL				
EI 6 D-SS	EIL 6 D-SS	6	6	4.4	20	30	40.0	13	10.0	8.0	11	M6 x 1	12	6.0	4	13	21
EI 8 D-SS	EIL 8 D-SS	8	8	6.0	24	36	48.0	16	12.5	10.2	14	M8 x 1.25	16	9.2	7	15	38
EI 10 D-SS	EIL10 D-SS	10	9	7.0	28	43	57.0	19	15.0	13.2	17	M10 x 1.5	20	13.6	10	12	60
EI 12 D-SS	EIL 12 D-SS	12	10	8.0	34	50	67.0	22	17.5	14.9	19	M12 x 1.75	23	18.0	14	11	96
EI 15 D-SS	EIL 15 D-SS	15	12	10.0	40	61	81.0	26	21.0	18.4	22	M14 x 2	29	26.5	30	8	180
EI 16 D-SS	EIL 16 D-SS	16	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	34.0	39	10	220
EI 17 D-SS	EIL 17 D-SS	17	14	11.0	46	67	90.0	30	24.0	20.7	27	M16 x 2	33	34.0	39	10	220
EI 20 D-SS	EIL 20 D-SS	20	16	13.0	53	77	103.5	35	27.5	24.2	32	M20 x 1.5	40	45.0	54	9	350
EI 25 D-SS	EIL 25 D-SS	25	20	17.0	64	94	126.0	42	33.5	29.3	36	M24 x 2	48	73.0	96	7	640
EI 30 D-SS	EIL 30 D-SS	30	22	19.0	73	110	146.5	50	40.0	34.2	41	M30 x 2	56	97.0	118	6	930
EI 35 D-SS	EIL 35 D-SS	35	25	21.0	82	125	166.0	58	47.0	39.8	50	M36 x 3	60	111.0	153	6	1300
EI 40 D-SS	EIL 40 D-SS	40	28	23.0	92	142	188.0	65	52.0	45.0	55	M39 x 3	65	135.0	190	7	2000

Note: Sizes 45, 50, 60, 70 and 80 available on request

EA..D SS Type

Stainless Steel
Maintenance Free
Right & Left Hand - External Threads
Suited for High Uni-directional Loads,
Corrosive Environments, Narrow Widths





Housing: Size 6 to 40 stainless steel to 1.4301, Aisi 304, forged, polished
Size 45 stainless steel to 1.4301, Aisi 304, turned
Size 50 stainless steel to 1.4571, Aisi 316Ti, turned
Bearing: Maintenance free stainless steel Spherical Plain Bearing GE..EC-NIRO

Right Hand Part No.	Left Hand Part No.	Size D	Dimensions (mm)								Static Load C○ kN	Dynamic Load C kN	Max Speed RPM	Wt. g
			B	M	A	F	L	O	G	GL				
EA 6 D-SS	EAL 6 D-SS	6	6	4.4	20	36	46.0	8.0	M6 x 1	18	4.0	4	13	16
EA 8 D-SS	EAL 8 D-SS	8	8	6.0	24	42	54.0	10.2	M8 x 1.25	22	7.4	7	15	28
EA 10 D-SS	EAL 10 D-SS	10	9	7.0	28	48	62.0	13.2	M10 x 1.5	26	11.6	10	12	50
EA 12 D-SS	EAL 12 D-SS	12	10	8.0	34	54	71.0	14.9	M12 x 1.75	28	17.0	14	11	86
EA 15 D-SS	EAL 15 D-SS	15	12	10.0	40	63	83.0	18.4	M14 x 2	34	23.0	30	8	140
EA 16 D-SS	EAL 16 D-SS	16	14	11.0	46	69	92.0	20.7	M16 x 2	36	31.5	39	10	190
EA 17 D-SS	EAL 17 D-SS	17	14	11.0	46	69	92.0	20.7	M16 x 2	36	31.5	39	10	190
EA 20 D-SS	EAL 20 D-SS	20	16	13.0	53	78	104.5	24.2	M20 x 1.5	43	45.0	54	9	320
EA 25 D-SS	EAL 25 D-SS	25	20	17.0	64	94	126.0	29.3	M24 x 2	43	73.0	96	7	560
EA 30 D-SS	EAL 30 D-SS	30	22	19.0	73	110	146.5	34.2	M30 x 2	65	97.0	118	6	890
EA 35 D-SS	EAL 35 D-SS	35	25	21.0	82	140	181.0	39.8	M36 x 3	82	111.0	153	6	1400
EA 40 D-SS	EAL 40 D-SS	40	28	23.0	92	150	196.0	45.0	M39 x 3	86	135.0	190	7	1800

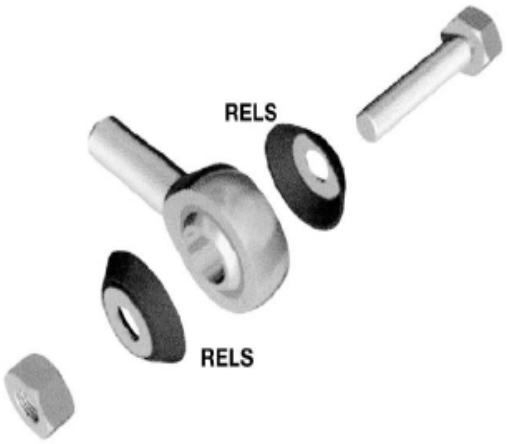
Note:Sizes 45, 50, 60, 70 and 80 available on request

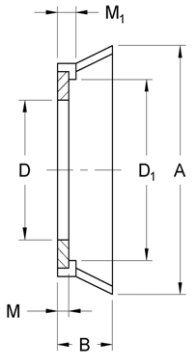
Rod End Seals

RELS Series

Rubber Seals Vulcanized to Stainless Steel Washer

Helps to prevent contamination of the bearing
Max temp 230°F (110°C)





Washer Seal Part No.	Shaft Size mm	D	D1	B	M	M1	A
RELS 5	5	5.25	8.3	2.4	0.5	0.8	11.2
RELS 6	6	6.25	9.5	3.1	0.7	0.9	12.7
RELS 8	8	8.25	12.4	5.1	1.2	1.4	17.8
RELS 10	10	10.25	13.5	5.6	1.2	1.4	20.3
RELS 12	12	12.25	18.5	6.4	1.2	1.7	28.6
RELS 14	14	14.25	18.5	6.4	1.2	1.7	28.6
RELS 16	16	16.25	22.4	6.8	1.2	1.7	31.7
RELS 18	18	18.25	22.6	8.3	1.2	1.7	32.7
RELS 20	20	20.25	25.2	10.2	1.2	1.7	38.1
RELS 25	25	25.25	33.8	12.7	1.5	2.3	53.3
RELS 30	30	30.25	55.9	14.0	1.5	2.3	56.7

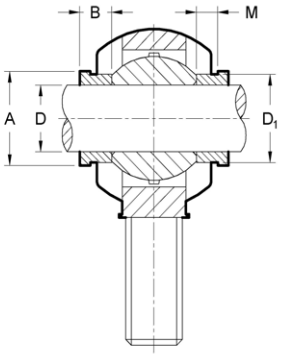
Note: Part number includes a pair, one for each side.

Rod End Protector Caps

RERS Series

Neoprene Protector Caps
Protects Against Dust & Chemicals
Temp Range -4°F to +248°F (-20°C to 120°C)
Easy Mounting with Retaining Ring Pliers





Rubber Protector Cap Part No.	Spacer Part No.	Rod End Size	D	D1	B	M	A
RERS 1	DR 6	6	6	8.7	6	4	11
RERS 1	DR 8	8	8	10.3	6	4	12
RERS 2	DR 10	10	10	12.5	6	4	14
RERS 2	DR 12	12	12	15.0	8	6	17
RERS 3	DR 14	14	14	16.8	8	6	19
RERS 3	DR 16	16	16	19.0	8	6	21
RERS 3	DR 18	18	18	21.8	8	6	25
RERS 4	DR 20	20	20	24.3	10	8	28
RERS 4	DR 22	22	22	25.7	10	8	29
RERS 4	DR 25	25	25	29.7	10	8	33
RERS 5	—	30	—	—	—	—	—
RERS 5	—	35	—	—	—	—	—

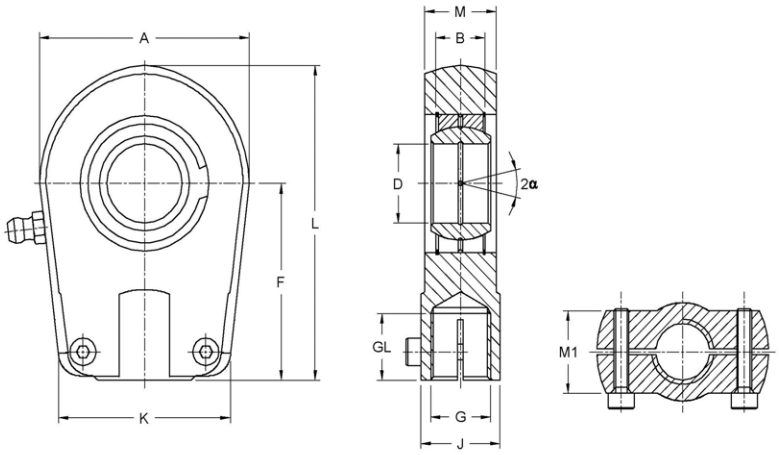
Metric Hydraulic Rod Ends

FPR..U Type

Steel-Zinc Plated
Regreasable
Right & Left Hand - Internal Threads
Suited for Short Relay Distance and Maximum Stroke

Housing: up to size 80 forged, C45, Aisi 1045
Housings 90 up from nodular cast iron GS 400
Bearing: steel on steel GE...E, requires lubrication





Dimensions in mm

Right Hand Part No.	Left Hand Part No.	Shaft Size D	Dimensions (mm)										Cap Screw Size	Cap Screw Torque Nm	Static Load C_o kN	Dynamic Load C kN	Pivoting Angle $\alpha°$	Wt. kg
			B	M	M1	A	F	L	K	J	G	GL						
FPR20U	FPL20U	20	16	19	21	56	50	80.0	46	25	M16 x 1.5	17	M8 x 20	25	81.1	30	9	0.40
FPR25U	FPL25U	25	20	23	21	56	50	80.0	46	25	M16 x 1.5	17	M8 x 20	25	72.0	48	7	0.48
FPR30U	FPL30U	30	22	28	26	64	60	94.0	50	32	M22 x 1.5	23	M8 x 25	25	106.0	62	6	0.70
FPR35U	FPL35U	35	25	30	28	78	70	112.0	66	40	M28 x 1.5	29	M10 x 30	49	153.0	80	6	1.15
FPR40U	FPL40U	40	28	35	33	94	85	135.0	76	49	M35 x 1.5	36	M10 x 30	49	250.0	100	7	2.08
FPR50U	FPL50U	50	35	40	37	116	105	168.0	90	61	M45 x 1.5	46	M12 x 40	86	365.0	156	6	3.58
FPR60U	FPL60U	60	44	50	46	130	130	200.0	120	75	M58 x 1.5	59	M16 x 45	210	400.0	245	6	6.20
FPR70U	FPL70U	70	49	55	51	154	150	232.0	130	86	M65 x 1.5	66	M16 x 45	210	540.0	315	6	9.20
FPR80U	FPL80U	80	55	60	55	176	170	265.0	160	105	M80 x 2	81	M20 x 55	410	670.0	400	6	13.20
FPR90U	FPL90U	90	60	65	60	206	210	322.0	180	124	M100 x 2	101	M20 x 55	410	980.0	490	5	19.60
FPR100U	FPL100U	100	70	70	65	231	235	360.0	200	138	M110 x 2	111	M24 x 75	710	1120.0	610	7	26.31
FPR110U	FPL110U	110	70	80	74	265	265	407.5	220	152	M120 x 3	125	M24 x 75	710	1700.0	655	6	39.20
FPR120U	FPL120U	120	85	90	84	340	310	490.0	257	172	M130 x 3	135	M24 x 75	710	2900.0	950	6	78.00

Other Custom Types



FPR..N Type
(Hydraulic)



FS..C Type
(Weld-On)



FS..N Type
(Weld-On)



GXSW Type
(with Custom Link)

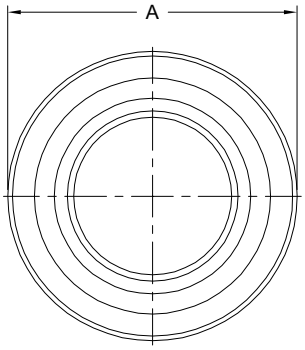
Spherical Plain Bearing

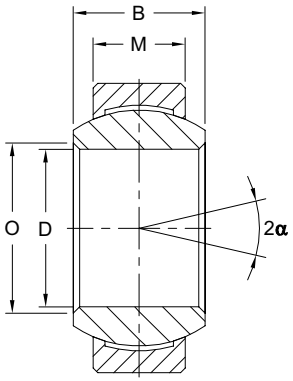
GE..EC (2RS) Type

Steel on PTFE Teflon Liner
Normal Duty
Maintenance Free
Suited for High Uni-directional Loads

Insert: Bearing steel 100Cr6, Aisi 52100, PTFE Teflon liner, bonded to the inner surface
Size 15 and up available sealed from both sides (-2RS)
from size 55 only sealed from both sides (-2RS)
Ball: Bearing steel to 100Cr6, Aisi 52100, hardened, ground, polished, hard chrome plated







Part No.	Dimensions (mm)								Static Load C○ kN	Static Load C○ kN (2RS)	Dynamic Load C kN	Dynamic Load C kN (2RS)	Misalignment Angle	Wt. g
	Size (D)		B	M	A		O	dK						
GE 4 EC	4	0-0.008	5	3	12	0-0.008	6.0	8.0	5.4	—	2.1	—	16	3
GE 5 EC	5	0-0.008	6	4	14	0-0.008	8.0	10.0	9.1	—	3.6	—	13	4
GE 6 EC	6	0-0.008	6	4	14	0-0.008	8.0	10.0	9.1	—	3.6	—	13	4
GE 8 EC	8	0-0.008	8	5	16	0-0.008	10.2	13.0	14.0	—	5.8	—	15	7
GE 10 EC	10	0-0.008	9	6	19	0-0.009	13.2	16.0	21.0	—	8.6	—	12	11
GE 12 EC	12	0-0.008	10	7	22	0-0.009	14.9	18.0	28.0	—	11.0	—	11	17
GE 15 EC	15	0-0.008	12	9	26	0-0.009	18.4	22.0	45.0	59	18.0	17.5	8	26
GE 16 EC	16	0-0.008	14	10	30	0-0.009	20.7	25.0	56.0	56	22.0	22.5	10	40
GE 17 EC	17	0-0.008	14	10	30	0-0.009	20.7	25.0	56.0	75	22.0	22.5	10	40
GE 20 EC	20	0-0.010	16	12	35	0-0.011	24.1	29.0	78.0	104	31.0	31.5	9	64
GE 25 EC	25	0-0.010	20	16	42	0-0.011	29.3	35.5	127.0	204	51.0	51.0	7	115
GE 30 EC	30	0-0.010	22	18	47	0-0.011	34.2	40.7	166.0	263	65.0	66.0	6	149
GE 35 EC	35	0-0.012	25	20	55	0-0.013	39.7	47.0	211.0	338	84.0	140.0	6	228
GE 40 EC	40	0-0.012	28	22	62	0-0.013	45.0	53.0	262.0	419	104.0	185.0	7	318
GE 45 EC	45	0-0.012	32	25	68	0-0.013	50.7	60.0	337.0	540	135.0	240.0	7	421
GE 50 EC	50	0-0.012	35	28	75	0-0.013	55.9	66.0	415.0	665	166.0	295.0	6	562
GE 60 EC	60	0-0.015	44	36	90	0-0.015	66.8	80.0	—	1030	—	460.0	6	1030
GE 70 EC	70	0-0.015	49	40	105	0-0.015	77.8	92.0	—	1320	—	590.0	6	1570
GE 80 EC	80	0-0.015	55	45	120	0-0.015	89.4	105.0	—	1700	—	750.0	6	2320
GE 90 EC	90	0-0.020	60	50	130	0-0.018	98.1	115.0	—	2070	—	920.0	5	2790

Note: Larger sizes available on request.

Metric Rod Ends

Inquiry Template

Fax to:

704-588-5738

P.T. International Corp.

Attn:_____

From:_____

Company:_____

Phone:_____

Comments:_____

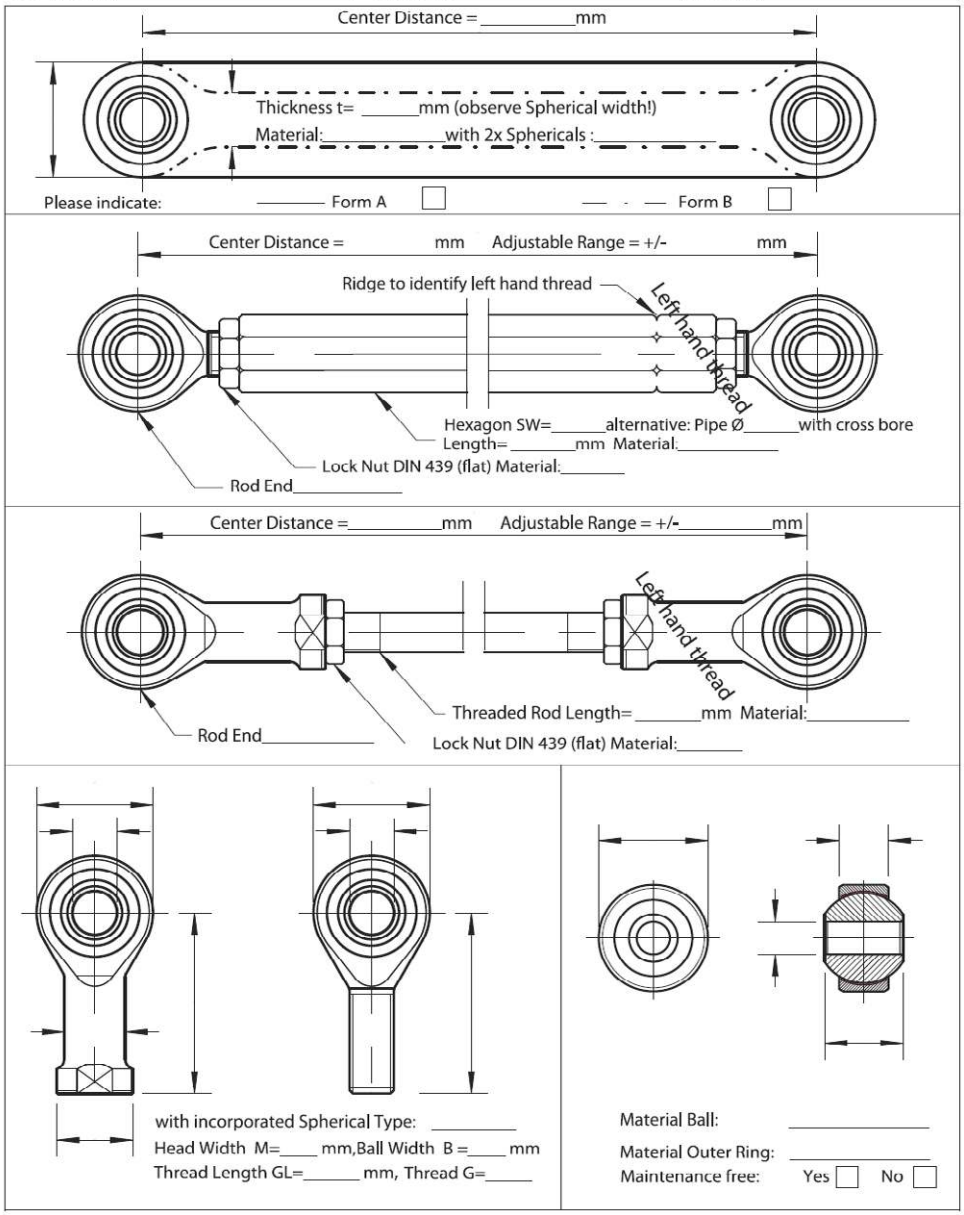
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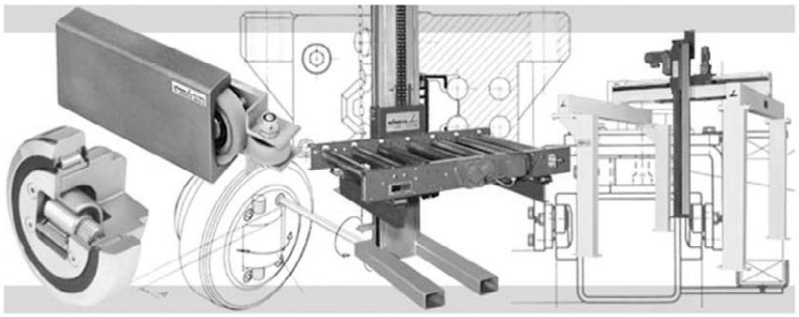
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Nomenclature:

Female Thread: The letter **I** is the second letter in the product reference e.g. G**I** or E**I**
Male Thread: The letter **A** is the second letter in the product reference e.g. G**A** or E**A**
Left Hand Thread: The letter **L** is the third place in the product reference e.g. GA**L** or EA**L**
Non-Standard Thread: Bearing reference with additional thread specification e.g. GISW 30, **M 27x2**
Stainless Steel Ball: The letter **R** will be added after size reference e.g. GIRSW 10 **R,** GXSW 10 **R**, stainless version
Completely Stainless: The letters **SS** will be added after size reference e.g. GE 10 EC-**SS** or EI 16 D-**SS**
Ball Hard Chrome Plated: ICR will be added after size reference e.g. GASW 10 **ICR**
Seals: -2RS will be added after size reference e.g. GISW 10-**2RS**
Threaded Bolt: Bo will be added after size reference e.g. GISW 10 **Bo**
Nickel Plated Housing: NI will be added after size reference e.g. GISW 14 **NI** (improved corrosion resistance for the housing)
Left Hand Thread for Hydraulic Rod Ends: The letter **L** will be added at the third place replacing the letter R e.g. **FPL...N**

Winkel Profile Rail & Combined Bearings for Heavy Duty Linear Control of Systems





C-Channel and I-Beam Profiles including stainless steel available in custom lengths.



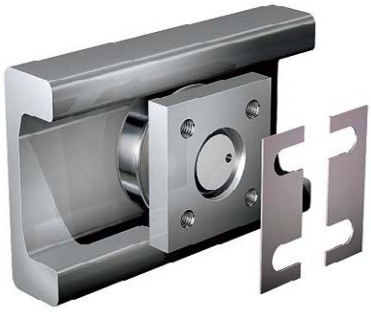
Combined Bearings - Fixed, Adjustable & High Temperature versions standard.



Flange plates standard for all Combined Bearings for easy mounting.



Heavy Duty Combined Bearings for harsh environments, sealed.



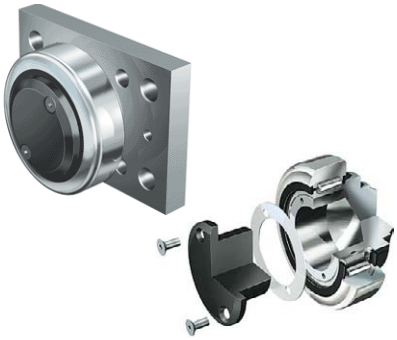
Square Flange Plates and axial adjustment shims are standard.



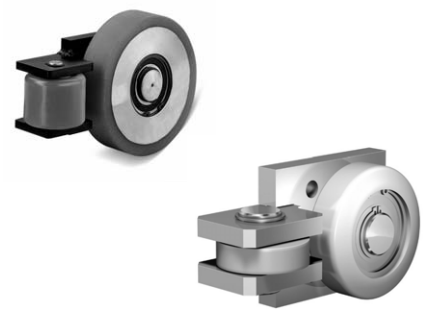
Linear motion-multi axis options.



Gears and Racks for system drive control of linear motion.



Oilamide Combined Bearings for high axial thrust loads & Shim adjustable.



Vulkollan, Polyamide and Stainless Steel units for high speed, quiet and corrosion resistance.



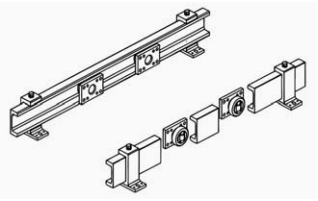
Jumbo Combined Bearings (large diameter) and radial adjusting units.

WINKEL Combined Bearings & Profiles

PTI



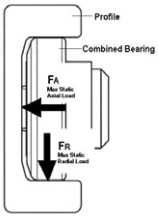
Winkel Combined Bearings and Profiles control linear motion. They are heavy duty units and can be used for precision control as well. Combined Bearings fit precisely into channels, minimize components, guide linear movement and handle both radial and thrust loads at the same time. Only four bearings are normally required for a typical single stage linear system. Multiple bearings and profiles can be used for more sophisticated movement in multiple axis or for telescoping designs. A diverse range of bearings will cover a wide load range capability. Different bearing types and features accommodate design or system requirements including varying radial or axial or loads, temperature ranges, preciseness or control aspects, speed changes, quietness, and corrosion resistance. Special Profiles (channels) can also be fabricated or machined for specialized control or even thru curves.



The Profile size is an important design consideration in the selection process. Once the system loads are known, the appropriate Profile size can be determined and then the proper bearing can be selected. The selection process is described in the following pages. PTI stocks 14 standard Profile sizes typically in 6 meter lengths. Longer lengths can be provided on request.





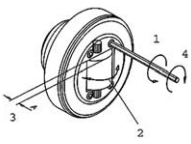


The Combined Bearings generally have more load capacity than the standard profiles. A single Combined Bearing can handle both radial and axial thrust loads as indicated in the schematic.

Bearings are stocked with and without flanges. Flanges provide a simple mounting means, a consideration for assembly and maintenance. Bearings can also be welded directly into the equipment for a consolidated fit. Several flange options are standard and include clearance and threaded mounting holes. High Temp Combined Bearings are also available.



Bearing versions that offer adjustment means can provide both radial and axial adjustment to accommodate variations within the channel alignment. Therefore fixed bearings and adjustable bearings may be utilized on the same system. Shims behind flange plates provide even more adjustment capability. The following pages will describe the different choices.





Heavy duty units for harsh or corrosive environments allow load control as well as protection of the rolling elements. These units can allow re-lubrication, can be provided with special ATC coatings or provided in stainless steel for both bearings and profiles for the ultimate protection





Bearings with Vulkollan or Polyamide coated steel or stainless bearings can allow quiet high speed solutions. All are offered as bearing only or with mounting flanges for easy installation and removal.

Jumbo Combined bearings and fabricated Profiles take load capabilities to new levels. The large units with OD's to 280mm have static ratings of 625kN (140,000 Lbs) and are very capable in tough environments. Fabricated Profiles can be provided to suit the desired length.

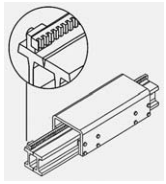


Precision control is accomplished by machining the Profiles and installing a slightly larger bearing outer race (PR Combined Bearings) to fit the profile more precisely (reduced clearance between the bearing and profile) than standard units. PR Profiles and custom length profiles can be offered machined up to 50 feet long in one set up. This precision machining of the profile (machined bearing surfaces and mounting surfaces) without multiple set ups provides the precise control.

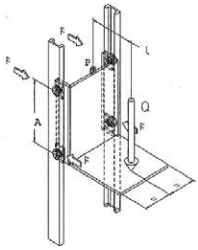


Combined Bearings and Profiles can be integrated with existing systems and control can be assisted with our gear and rack products. PTI stocks a wide variety of inch and metric PT products to support and control the system.





PTI can assist with recommendations or suggestions, and review product choices to optimize your system. The Winkel Combined Bearing and Profile system utilizes fewer components and is easier to install than the typical cam follower arrangements. This simple to install system yields a low cost solution to heavy duty linear motion.



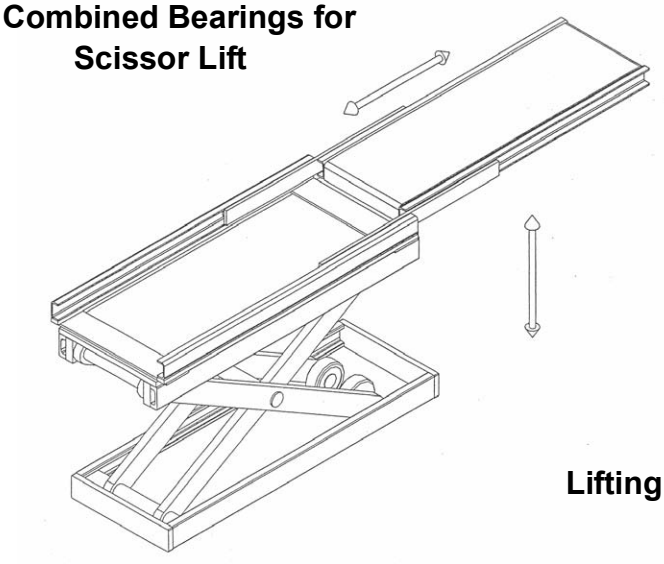
CAD drawings are readily available and can be down loaded at **www.winkel.de .**

Typical Applications

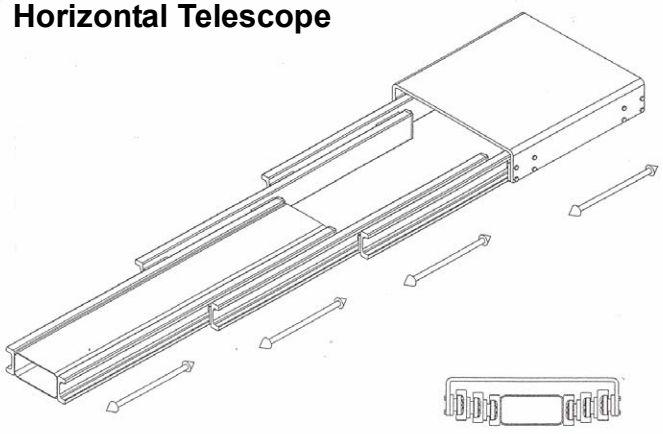
Multiaxis Handling Unit



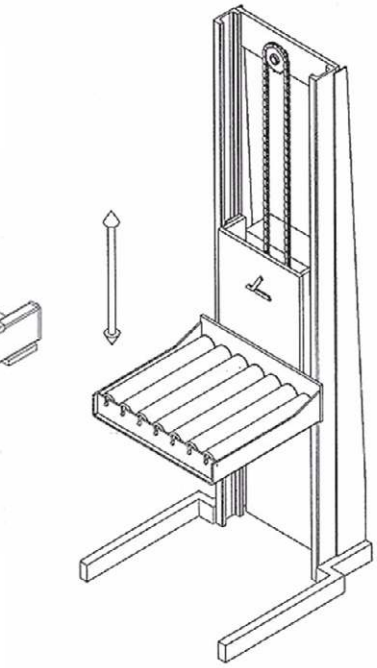
Combined Bearings for Scissor Lift



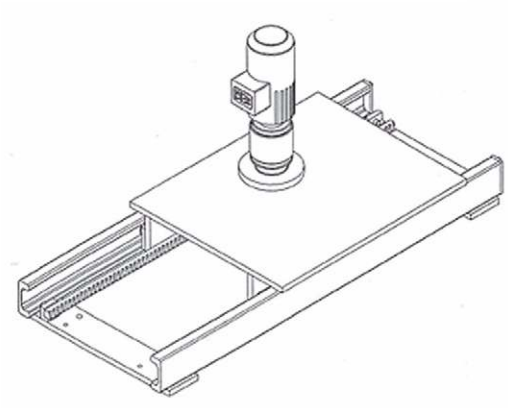
Horizontal Telescope



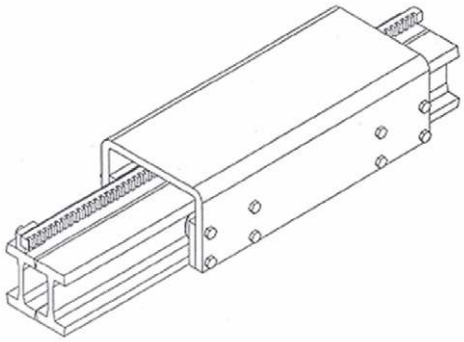
Lifting Mechanism



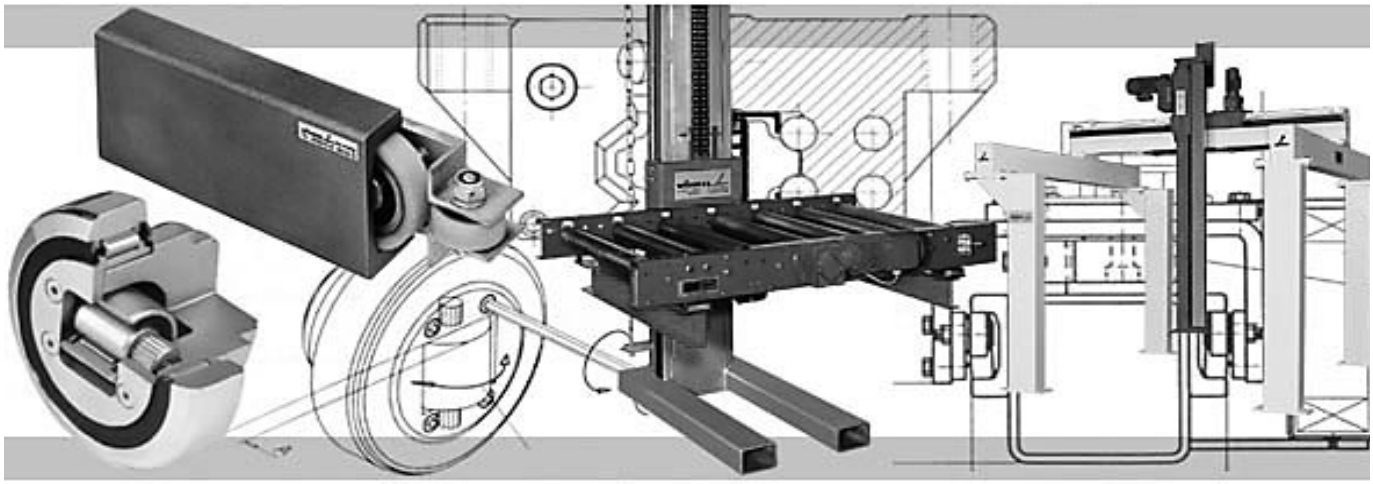
Rack and Pinion Drive

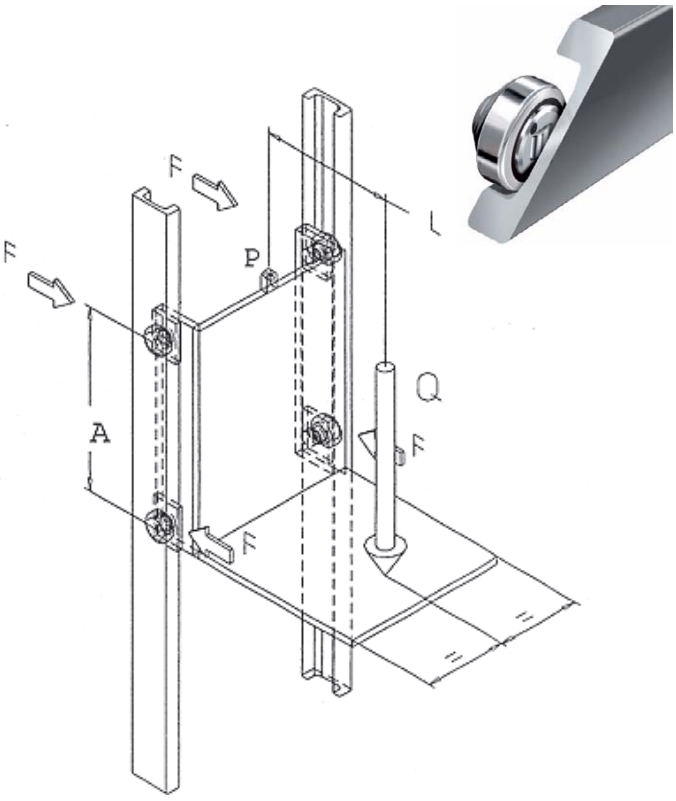


Gear Rack Mechanism



The Economical Solution for Vertical and Horizontal Linear Motion





Advantages of Combined Bearing Systems

- Combined Bearings simplifiy the system design
- Accomodates radial and axial loads within a single bearing
- Strong profiles for heavy static and dynamic loads
- Economical assembly
- Cylindrical Roller Bearings for heavy load, long life
- Bearings can be easily replaced

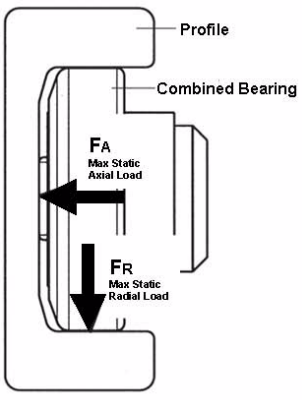
Technical Characteristics

- Outer rings are case-hardened steel UNI 16 CrNi 4 hardened to 62 + 2HRC
- Inner rings are SAE 52100 bearing steel hardened to 62-2 HRC
- Cylindrical rollers with flat ground heads, from SAE 52100 steel, hardened at 59–64 HRC
- Bearing Stud Extension is made from C22E
- Bearing sizes W-4.054 thru W-4.063 can be relubed
- Bearings are lubricated with #3 NLGI grease (e.g. Shell Alvania 3, Esso Beacon 3)

Calculation of the Bearing Forces (F)

$$F_{max}\,[N] \text{ static radial} = \frac{Q \cdot L}{2 \cdot A}$$

Q = Load Capacity (N)
L = Load Distance to Suspension Point (mm)
P = Suspension Point
A = Bearing Distance (mm) Recommended 500-1000mm



Selection Procedure

Profiles (Channels) and Combined Bearings are typically used together. The Profile size must be selected first, based on the max Static Radial or Axial load limits of the profile as indicated in the sketch at the left. The bearing ratings are also listed for each type on the following pages. The bearing ratings are higher than the matching profile. The bearing ratings can be used to determine bearing life via the normal bearing formulas. Consult PTI for bearing choice if using fabricated steel or hardened surfaces.

Please take any application shock loads into consideration as additional load factors when selecting profiles. As an example, without shock loads, use a Service Factor of 1.0 x the load. For moderate shock, multiply the calculated load by 2.0, and for heavy shock loads, multiply the calculated load by 3.0. These Service Factors are intended as a guide. Once the profile size is determined based on the Profile load capacity in the shaded area of the chart to the right, the bearing can be chosen to fit the profile.

Selection Procedure (continued)





Bearings shown below are for a general guide. All are available with and without flange plates for easy mounting. Bearings with rectangular and square welded flange plates are both standard stock assemblies. Details are listed on each bearing page.

Mounting accessories are also available including shims or washers for axial adjustment of the bearing system. Clamp flanges can provide simple mounting of the profiles. Profiles can be cut to length and are clean (sand blasted) and ready to install and/or paint. It is not recommended to paint load bearing surfaces, but rather lightly coat with grease or oil.

Standard Profile & Bearings

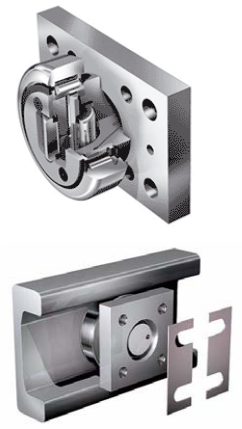
Profile – Load Ratings						Standard Bearings for Profiles							
Profile Size		F_R kN Max Static Radial		F_A kN Max Static Axial		Combined Brg with Fixed Axial	Combined Brg Eccentric Adjustable Axial	Combined Brg Adjustable with Shims	Radial Brg	Combined Brg with Oilamide Insert	Heavy Duty Combined Brg Unit	Adjustable Combined Brg Unit	Combined Brg with Threaded Stud
C-Profile	I-Profile	C-Profile	I-Profile	C-Profile	I-Profile								
A	—	0.80	—	0.40	—	—	—	—	—	W-4.052 P	—	—	—
S	—	5.23	—	1.68	—	W-4.053	—	—	—	—	—	—	—
0 Nb	—	9.40	—	3.10	—	W-4.054	W-4.454	W-4.072	W-2.054	W-4.072P	W-3.054	W-JC4.054	W-KB 4.072
1 Nb	3018	11.30	11.30	3.73	3.73	W-4.055	W-4.455	W-4.073	W-2.055	W-4.073P	W-3.055	W-JC4.055	W-KB 4.073
2 Nb	—	11.72	—	3.87	—	W-4.056	W-4.456	W-4.074	W-2.056	W-4.074P	W-3.056	W-JC4.056	W-KB 4.074
—	3019	—	11.72	—	3.87	W-4.057	W-4.457	W-4.075	—	—	—	—	—
3 Nb	3020	20.47	20.47	6.76	6.76	W-4.058	W-4.458	W-4.076	W-2.058	W-4.076P	W-3.058	W-JC4.058	W-KB 4.076
—	2912	—	20.11	—	6.70	W-4.059	W-4.459	W-4.077	—	—	—	—	—
—	3100	—	21.68	—	7.16	W-4.060	W-4.460	W-4.078	—	—	—	—	—
4 Nb	—	21.68	—	7.16	—	W-4.061	W-4.461	W-4.0784	W-2.061	W-4.0784P	W-3.061	W-JC4.061	W-KB 4.0784
5 Nb	3353	30.92	24.7	10.20	10.2	W-4.062	W-4.462	W-4.079	W-2.062	W-4.079P	W-3.062	W-JC4.062	W-KB 4.079
6 Nb	—	54.02	—	17.80	—	W-4.063	W-4.463	—	W-2.063	W-4.080P	W-3.063	W-JC4.063	—
6 Nb	—	37.81	—	17.80	—	—	—	W-4.080	—	—	—	—	W-KB4.080
8 Nb	—	64.70	—	19.40	—	—	W-4.085	—	—	W-4.085P	—	—	—
—	10	—	41.71	—	13.91	—	W-4.089	—	—	—	—	—	—
—	16	—	58.00	—	19.40	—	W-4.090	—	—	—	—	—	—
—	18	—	84.00	—	28.00	—	W-4.091	—	—	—	—	—	—
—	28	—	101.50	—	33.90	—	W-4.092	—	—	—	—	—	—
—	36	—	139.40	—	46.50	—	W-4.093	—	—	—	—	—	—

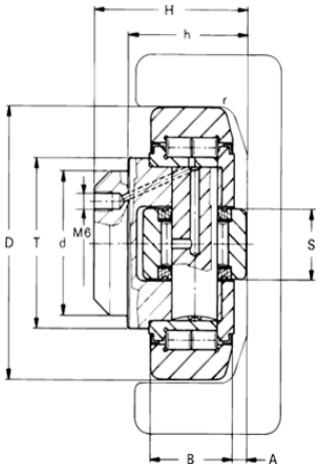
Profile vs. Bearing Ratings – Example

Profile Size		Max Radial Load Capacity of Profile F_RkN		Combined Fixed Axial Part No.	Radial Load Ratings of Fixed Bearing		Axial Load Ratings of Fixed Bearing		RPM max	Welded Flange Plates for Bearings
C-Profile	I-Profile	C-Profile	I-Profile		Dynamic Load Capacity of Radial Brg C kN	Static Load Capacity of Radial Brg C_O kN	Dynamic Load Capacity of Axial Brg C_A kN	Static Load Capacity of Axial Brg C_{AO}kN		
A	—	0.80	—	W-4.052P	10	5.7	—	—	800	
S	—	5.23	—	W-4.053	24	32	7	7	800	
0 Nb	—	9.40	—	W-4.054	31	35.5	11	11	900	
1 Nb	3018	11.30	11.30	W-4.055	45.5	51	13	14	900	
2 Nb	—	11.72	—	W-4.056	48	56.8	18	18	800	
—	3019	—	11.72	W-4.057	48	56.8	18	18	800	 Rectangular Flange Plate
3 Nb	3020	20.47	20.47	W-4.058	68	72	23	23	750	
—	2912	—	20.11	W-4.059	73	82	25	27	700	
—	3100	—	21.68	W-4.060	81	95	31	36	650	
4 Nb	—	21.68	—	W-4.061	81	95	31	36	650	
5 Nb	3353	30.92	24.7	W-4.062	110	132	43	50	550	
6 Nb	—	54.02	—	W-4.063	151	192	68	71	450	
8 Nb	—	76.0	—	W-4.085	207	243	73	83	100	 Square Flange Plates

Fixed Axial Bearing







High Temp Units Available on Request

Standard Fixed Axial Bearing

Relubrication for sizes 4.055 thru 4.063

Bearing only Part No.	Bearing with Rectangular Flange Plate Part No.	Bearing with Square Flange Plate Part No.	Dimensions										Brg Wt. kg	Profile Part No.
			A mm	B mm	d (-0.05mm)	D * mm	h mm	H mm	r mm	S mm	T mm	RPM max		
W-4.053■	W-4.053/APS	W-4.053/APS-Q	5	17	30	52.5	27	33	2	15	40	800	0.46	W-S
W-4.054	W-4.054/AP0	W-4.054/AP0-Q	2.5	20	30	62.5	30.5	37.5	3	20	42	900	0.53	W-0 Nb
W-4.055■	W-4.055/AP1	W-4.055/AP1-Q	2.5	23	35	70.1	36	44	4	22	48	900	0.80	W-1 Nb W-3018
W-4.056■	W-4.056/AP2	W-4.056/AP2-Q	3	23	40	77.7	36.5	48	4	26	54	800	1.00	W-2 Nb
W-4.057	**	**	3	23	40	77.7	29	40	4	26	53	800	0.87	W-3019
W-4.058	W-4.058/AP3.1	W-4.058/AP3-Q	3.5	30	45	88.4	44	57	3	26	59	750	1.62	W-3 Nb W-3020
W-4.059	**	**	3	28	50	101.2	33	46	3	30	67	700	1.74	W-2912
W-4.060	**	**	3	31	55	107.7	39	53	5	34	71	650	2.27	W-3100
W-4.061	W-4.061/AP4	W-4.061/AP4-Q	4	31	60	107.7	55	69	5	34	71	650	2.82	W-4 Nb
W-4.062	W-4.062/AP4	W-4.062/AP4-Q	5	37	60	123	56	72.3	5	40	80	550	3.89	W-5 Nb W-3353
W-4.063	W-4.063/AP6	W-4.063/AP6-Q	5.5	43	60	149	58.5	78.5	3	50	103	450	6.52	W-6 Nb

Profile & Bearing Load Ratings

CAD Drawing Download: **www.winkel.de**

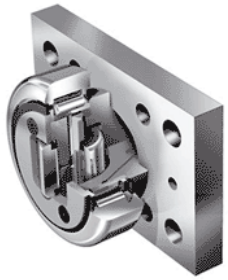
Bearing only Part No.	Profile		Max Static Radial Load on Profile F_RkN		Max Static Axial Load on Profile F_AkN		Dynamic Load Capacity of Radial Brg C kN	Static Load Capacity of Radial Brg C_OkN	Dynamic Load Capacity of Axial Brg C_AkN	Static Load Capacity of Axial Brg C_{OA}kN
	C-Profile	I-Profile	C-Profile	I-Profile	C-Profile	I-Profile				
	[	I	[	I	[	I				
W-4.053	S	—	5.23	—	1.68	—	24.0	32.0	7	7
W-4.054	0 Nb	—	9.40	—	3.10	—	31.0	35.5	11	11
W-4.055	1 Nb	3018	11.30	11.30	3.73	3.73	45.5	51.0	13	14
W-4.056	2 Nb	—	11.72	—	3.87	—	48.0	56.8	18	18
W-4.057	—	3019	—	11.72	—	3.87	48.0	56.8	18	18
W-4.058	3 Nb	3020	20.47	20.47	6.76	6.76	68.0	72.0	23	23
W-4.059	—	2912	—	20.11	—	6.70	73.0	82.0	25	27
W-4.060	—	3100	—	21.68	—	7.16	81.0	95.0	31	36
W-4.061	4 Nb	—	21.68	—	7.16	—	81.0	95.0	31	36
W-4.062	5 Nb	3353	30.92	24.70	10.20	10.20	110.0	132.0	43	50
W-4.063	6 Nb	—	54.02	—	17.80	—	151.0	192.0	68	71

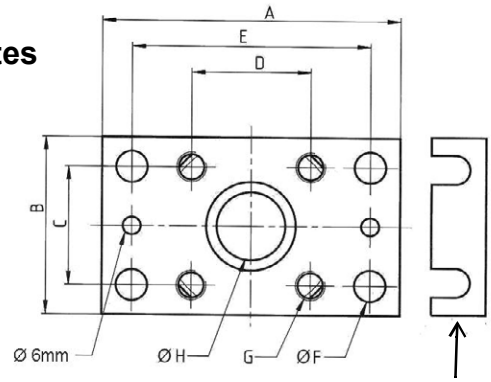
Note:* OD has a slight crown to accommodate misalignments. ** Flange Plates available on request. Bearings with 2RS Seals.

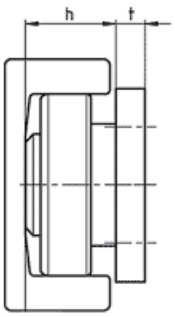
■These sizes available in stainless (INOX), ratings will be lower.

Fixed Axial Bearing

Rectangular Flange Plates





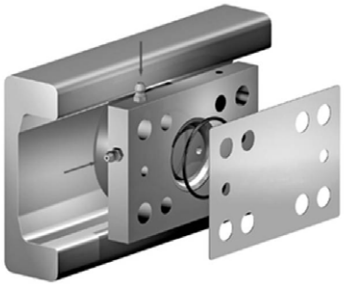


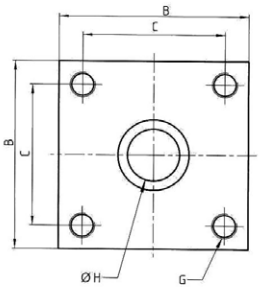


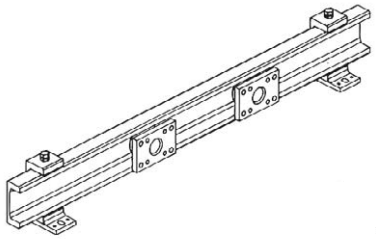
Square Flange Plates

Adjustment Shim

Clamp Flange







Optional Flange Plates with Re-Lube Feature

Flange Plate Detail

Bearing with Rectangular Flange Plate Part No.	Bearing with Square Flange Plate Part No.	Dimensions										Flange Plate Only	
		A mm	B mm	C mm	D mm	E mm	ØF mm	G	ØH mm	h mm	t mm	Rectangular Part No.	Square Part No.
W-4.053/APS	W-4.053/APS-Q	90	50	30	40	70	8.5	M8	30	27.0	10	W-APS	W-APS-Q
W-4.054/AP0	W-4.054/AP0-Q	100	60	40	40	80	10.5	M10	30	30.5	10	W-AP0	W-AP0-Q
W-4.055/AP1	W-4.055/AP1-Q	120	80	50	50	90	12.5	M12	35	36.0	15	W-AP1	W-AP1-Q
W-4.056/AP2	W-4.056/AP2-Q	120	80	50	50	90	12.5	M12	40	36.5	15	W-AP2	W-AP2-Q
W-4.058/AP3.1	—	160	100	60	60	120	17.0	M16	45	44.0	20	W-AP3.1	—
—	W-4.058/AP3-Q	—	120	90	—	—	—	M16	45	44.0	20	—	W-AP3-Q
W-4.061/AP4	W-4.061/AP4-Q	180	120	80	80	140	17.0	M16	60	55.0	20	W-AP4	W-AP4-Q
W-4.062/AP4	W-4.062/AP4-Q	180	120	80	80	140	17.0	M16	60	56.0	20	W-AP4	W-AP4-Q
W-4.063/AP6	W-4.063/AP6-Q	200	150	100	100	160	17.0	M16	60	58.5	20	W-AP6	W-AP6-Q

Adjustment Shims for Flange Bearings

Bearing Size	0.5 mm Shim Part No.	1.0 mm Shim Part No.
W-4.053	W-DS-S-0.5	W-DS-S-1.0
W-4.054	W-DS-0-0.5	W-DS-0-1.0
W-4.055	W-DS-1-0.5	W-DS-1-1.0
W-4.056	W-DS-2-0.5	W-DS-2-1.0
W-4.058	W-DS-3-0.5	W-DS-3-1.0
W-4.061	W-DS-4-0.5	W-DS-4-1.0
W-4.062	W-DS-4-0.5	W-DS-4-1.0
W-4.063	W-DS-6-0.5	W-DS-6-1.0

Clamp Flanges for Mounting Profile

Part No.	Profile Size
W-KF S	S
W-KF 0	0Nb
W-KF 1	1Nb
W-KF 2	2Nb
W-KF 3	3Nb
W-KF 4	4Nb

See Clamp Flange Section for Dimensions

Precision Fixed Axial Bearings for Precision Profile

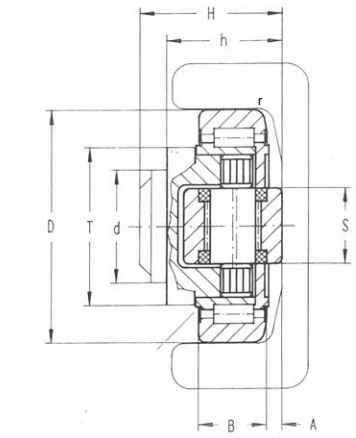
Bearing Only Part No. *	Bearing with Rectangular Flange Part No.	Bearing with Square Flange Part No.	D Bearing OD	Profile Size
W-PR4.054	W-PR4.054/AP0	W-PR4.054/AP0-Q	64.8	W-PR0Nb
W-PR4.055	W-PR4.055/AP1	W-PR4.055/AP1-Q	73.8	W-PR1Nb
W-PR4.056	W-PR4.056/AP2	W-PR4.056/AP2-Q	81.8	W-PR2Nb
W-PR4.058	W-PR4.058/AP3.1	W-PR4.058/AP3-Q	92.8	W-PR3Nb
W-PR4.061	W-PR4.061/AP4	W-PR4.061/AP4-Q	111.8	W-PR4Nb
W-PR4.062	W-PR4.062/AP4	W-PR4.062/AP4-Q	127.8	W-PR5Nb
W-PR4.063	W-PR4.063/AP6	W-PR4.063/AP6-Q	153.8	W-PR6Nb

Note: * PR Bearing Load Ratings & Profile Ratings are the same as standard units.

WINKEL Combined Bearings

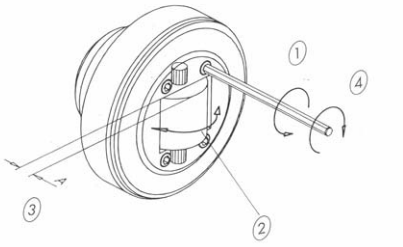
Adjustable Eccentric Axial Bearing





Adjusting The Eccentric Axial Bearing

Size W-4.455 thru W-4.463. All with 2RS Seals.



1. Loosen screws.
2. Turn axial bearing (eccentric axial will be turned).
3. Check distance A and Repeat Step 2 as needed.
4. Retighten screws.

Special Stud Extensions available on request.

Bearings are lubricated for life

Standard Adjustable Eccentric Axial Bearing

Bearing only Part No.	Bearing with Rectangular Flange Part No.	Bearing with Square Flange Part No.	Dimensions										Wt. kg	Profile Part No.
			A mm	B mm	d (-0.05mm)	D * mm	h mm	H mm	r mm	S mm	T mm	RPM max		
W-4.454	W-4.454/AP0	W-4.454/AP0-Q	4-5.5	20.0	30	62.5	30.5-32	37.5-39	3	20	42	900	0.53	W-0Nb
W-4.455	W-4.455/AP1	W-4.455/AP1-Q	4-5.5	23.0	35	70.1	36-37.5	44-45.5	4	20	48	800	0.80	W-1Nb W-3018
W-4.456	W-4.456/AP2	W-4.456/AP2-Q	3.5-5	23.0	40	78.0	37-38.5	48-49.5	4	26	54	800	1.00	W-2Nb
W-4.457	**	**	3.5-5	23.0	40	78.3	29-30.5	40-41.5	4	26	54	800	0.87	W-3019
W-4.458	W-4.458/AP3.1	W-4.458/AP3-Q	4-5.5	30.0	45	88.4	44-45.5	57-58.5	4	26	59	750	1.62	W-3Nb W-3020
W-4.459	**	**	4.5-6.5	26.0	50	101.6	33-35	46-48	3	30	69	700	1.74	W-2912
W-4.460	**	**	4-6	31.0	55	108.5	40-42	54-56	5	30	69	650	2.27	W-3100
W-4.461	W-4.461/AP4	W-4.461/AP4-Q	4-6	31.0	60	107.7	55-57	69-71	5	30	69	650	2.82	W-4Nb
W-4.462	W-4.462/AP4	W-4.462/AP4-Q	5-9	37.0	60	123.0	56-60	72.3-76.3	5	34	80	550	3.60	W-5Nb W-3353
W-4.463	W-4.463/AP6	W-4.463/AP6-Q	6-10	45.0	60	149.4	58.5-62.5	78.5-82.5	3	34	108	450	6.30	W-6Nb
W-4.085	—	W-4.085/AP90-Q	6.5-9.5	57.3	100	180.0	76.3-79.3	95.7-98.7	3	60	124	100	11.50	W-8Nb

Profile & Bearing Load Ratings

CAD Drawing Download: **www.winkel.de**

Bearing only Part No.	Profile		Max Static Radial Load on Profile F_RkN		Max Static Axial Load on Profile F_AkN		Dynamic Load Capacity of Radial Brg C kN	Static Load Capacity of Radial Brg C_OkN	Dynamic Load Capacity of Axial Brg C_AkN	Static Load Capacity of Axial Brg C_{OA}kN
	C-Profile	I-Profile	C-Profile	I-Profile	C-Profile	I-Profile				
										
W-4.454	0 Nb	—	9.40	—	3.10	—	31.0	35.5	11	11
W-4.455	1 Nb	3018	11.30	11.30	3.73	3.73	45.5	51.0	11	11
W-4.456	2 Nb	—	11.72	—	3.87	—	48.0	56.8	18	18
W-4.457	—	3019	—	11.72	3.87	3.87	48.0	56.8	18	18
W-4.458	3 Nb	3020	20.47	20.47	6.76	6.76	68.0	72.0	23	23
W-4.459	—	2912	—	20.11	—	6.70	73.0	82.0	25	27
W-4.460	—	3100	—	21.68	—	7.16	81.0	95.0	31	36
W-4.461	4 Nb	—	21.68	—	7.16	—	81.0	95.0	31	36
W-4.462	5 Nb	3353	30.92	24.70	10.20	10.20	110.0	132.0	43	50
W-4.463	6 Nb	—	54.02	—	17.80	—	151.0	192.0	68	71
W-4.085	8 Nb	—	76.00	—	22.80	—	207.0	243.0	73	83

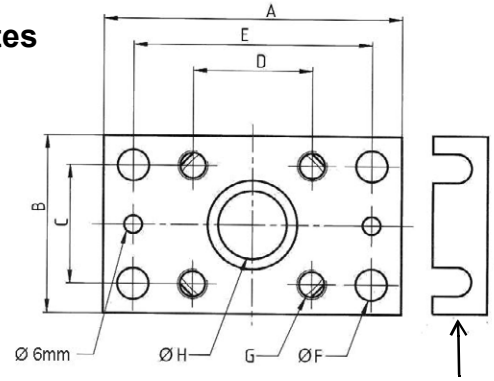
Note: * OD has a slight crown to accommodate misalignments. ** Flange Plates available on request.

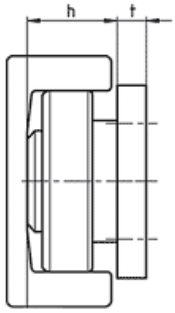
WINKEL Combined Bearings

Adjustable Eccentric Axial Bearing

Rectangular Flange Plates







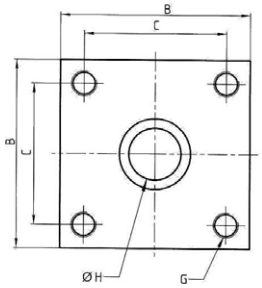


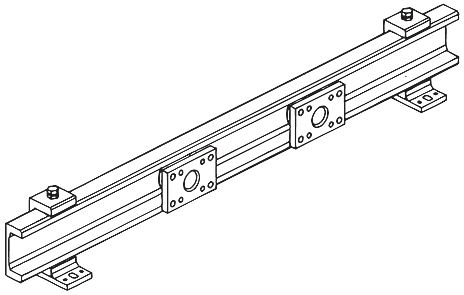
Square Flange Plates

Adjustment Shim

Clamp Flange







Flange Plate Detail

Bearing with Rectangular Flange Plate Part No.	Bearing with Square Flange Plate Part No.	Dimensions										Flange Plate Only	
		A mm	B mm	C mm	D mm	E mm	ØF mm	G	ØH mm	h mm	t mm	Rectangular Part No.	Square Part No.
W-4.454/AP0	W-4.454/AP0-Q	100	60	40	40	80	10.5	M10	30	30.5	10	W-AP0	W-AP0-Q
W-4.455/AP1	W-4.455/AP1-Q	120	80	50	50	90	12.5	M12	35	36.0	15	W-AP1	W-AP1-Q
W-4.456/AP2	W-4.456/AP2-Q	120	80	50	50	90	12.5	M12	40	36.5	15	W-AP2	W-AP2-Q
W-4.458/AP3.1	—	160	100	60	60	120	17.0	M16	45	44.0	20	W-AP3.1	—
—	W-4.058/AP3-Q	—	120	90	—	—	—	M16	45	44.0	20	—	W-AP3-Q
W-4.461/AP4	W-4.461/AP4-Q	180	120	80	80	140	17.0	M16	60	55.0	20	W-AP4	W-AP4-Q
W-4.462/AP4	W-4.462/AP4-Q	180	120	80	80	140	17.0	M16	60	56.0	20	W-AP4	W-AP4-Q
W-4.463/AP6	W-4.463/AP6-Q	200	150	100	100	160	17.0	M16	60	58.5	20	W-AP6	W-AP6-Q
—	W-4.085/AP90-Q	—	190	150	—	—	—	M20	100	64.5-67.5	28	—	W-AP90-Q

Adjustment Shims for Flange Bearings

Bearing Size	0.5 mm Shim Part No.	1.0 mm Shim Part No.
W-4.454	W-DS-0-0.5	W-DS-0-1.0
W-4.455	W-DS-1-0.5	W-DS-1-1.0
W-4.456	W-DS-2-0.5	W-DS-2-1.0
W-4.458	W-DS-3-0.5	W-DS-3-1.0
W-4.461	W-DS-4-0.5	W-DS-4-1.0
W-4.462	W-DS-4-0.5	W-DS-4-1.0
W-4.463	W-DS-6-0.5	W-DS-6-1.0
W-4.085	W-DS-90-0.5	W-DS-90-1.0

Clamp Flanges for Mounting Profile

Part No.	Profile Size
W-KF 0	0 Nb
W-KF 1	1 Nb
W-KF 2	2 Nb
W-KF 3	3 Nb
W-KF 4	4 Nb

See Clamp Flange Section for Dimensions

Precision Adjustable Eccentric Axial Bearings for Precision Profile

Bearing Only Part No. *	Bearing with Rectangular Flange Part No.	Bearing with Square Flange Part No.	D Bearing OD	Profile Size
W-PR4.454	W-PR4.454/AP0	W-PR4.454/AP0-Q	64.8	W-PR0Nb
W-PR4.455	W-PR4.455/AP1	W-PR4.455/AP1-Q	73.8	W-PR1Nb
W-PR4.456	W-PR4.456/AP2	W-PR4.456/AP2-Q	81.8	W-PR2Nb
W-PR4.458	W-PR4.458/AP3.1	W-PR4.458/AP3-Q	92.8	W-PR3Nb
W-PR4.461	W-PR4.461/AP4	W-PR4.461/AP4-Q	111.8	W-PR4Nb
W-PR4.462	W-PR4.462/AP4	W-PR4.462/AP4-Q	127.8	W-PR5Nb
W-PR4.463	W-PR4.463/AP6	W-PR4.463/AP6-Q	153.8	W-PR6Nb
W-PR4.085	—	W-PR4.085/AP90-Q	184.8	W-PR8Nb

Note: *PR Bearing Load Ratings & Profile Ratings are the same as standard units.

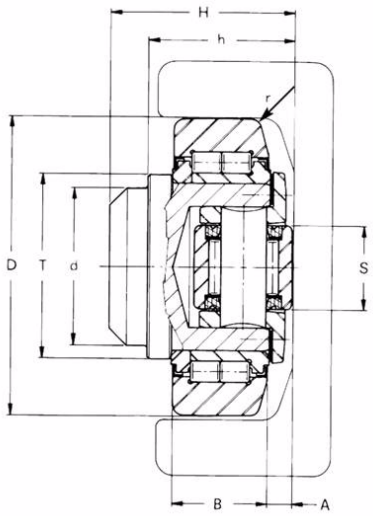
Shim Adjustable Axial Bearing



The adjustment of dimension A is obtained by means of a face washer (spacer) between the main body of the bearing and the back face of the thrust bearing surface. Face Washers 0.5mm and 1mm thick are available.

For Face Washers specify size and thickness.

Part No. W-S4.072-xx. Where xx is the Face Washer thickness of 0.5 or 1.0. Bearings are lubricated for life.



Shim Adjustable Axial Bearing

CAD Drawing Download: **www.winkel.de**

Bearing only Part No.	Bearing with Rectangular Flange Plate Part No.	Bearing with Square Flange Plate Part No.	Dimensions										Brg Wt. kg	Profile Part No.
			A mm	B mm	d (-0.05mm)	D * mm	h mm	H mm	r mm	S mm	T mm	RPM max		
W-4.072	W-4.072/AP0	W-4.072/AP0-Q	5.5	20	30	62.5	33	43	3	16	42	900	0.56	W-0Nb
W-4.073	W-4.073/AP1	W-4.073AP1-Q	6.5	23	35	70.1	40	48	4	16	48	800	0.85	W-1Nb W-3018
W-4.074	W-4.074/AP2	W-4.074/AP2-Q	7	23	40	78.1	39.5	50.5	4	21	54	700	1.02	W-2Nb
W-4.075	**	**	7	23	40	77.7	34	45	4	21	54	700	0.92	W-3019
W-4.076	W-4.076/AP3.1	W-4.076/AP3-Q	7	30	45	88.4	48	61	3	21	59	600	1.69	W-3Nb
W-4.077	**	**	7	28	50	101.2	37.5	50.5	3	21	67	600	1.85	W-2912
W-4.078	**	**	8	31	55	107.7	44.5	58.5	5	33	71	500	2.38	W-3100
W-4.0784	W-4.0784/AP4	W-4.0784/AP4-Q	8	31	60	107.7	55	69	5	33	71	500	2.80	W-4Nb
W-4.079	W-4.079/AP4	W-4.079/AP4-Q	8	37	60	123	59.5	75.5	5	33	80	500	4.08	W-5Nb W-3353
W-4.080	W-4.080/AP6	W-4.080/AP6-Q	15.0	45	60	149	69	89	5	50	103	400	6.70	W-6Nb

Note:* OD has a slight crown to accommodate misalignments. ** Flange Plates available on request.

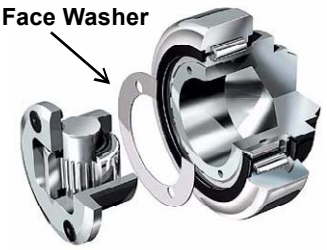
Profile & Bearing Load Ratings

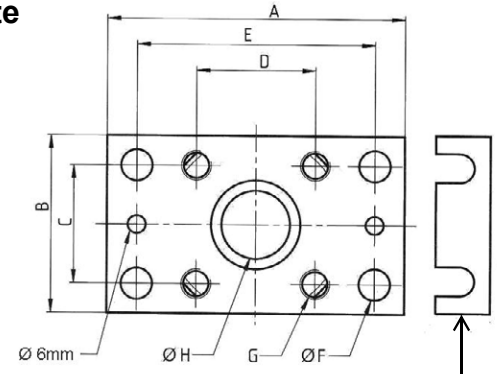
Bearing only Part No.	Profile		Dynamic Load Capacity of Radial Brg C kN	Static Load Capacity of Radial Brg C_OkN	Dynamic Load Capacity of Axial Brg C_AkN	Static Load Capacity of Axial Brg C_{OA}kN
	C-Profile	I-Profile				
W-4.072	0 Nb	—	31.0	35.5	8	8
W-4.073	1 Nb	3018	45.5	51.0	14	14
W-4.074	2 Nb	—	48.0	56.8	14	14
W-4.075	—	3019	48.0	56.8	14	14
W-4.076	3 Nb	3020	68.0	72.0	15	15
W-4.077	—	2912	73.0	82.0	18	19
W-4.078	—	3100	81.0	95.0	31	36
W-4.0784	4 Nb	—	81.0	95.0	31	36
W-4.079	5 Nb	3353	110.0	132.0	35	38
W-4.080	6 Nb	—	151.0	192.0	68	71

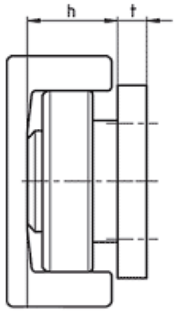
WINKEL Combined Bearings

Shim Adjustable Axial Bearing

Rectangular Flange Plate







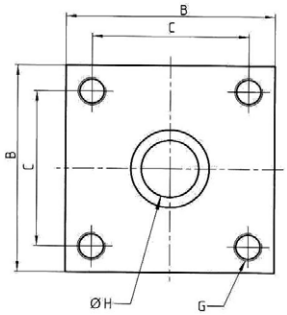


Square Flange Plate

Adjustment Shim

Clamp Flange







Flange Plate Detail

Bearing with Rectangular Flange Plate Part No.	Bearing with Square Flange Plate Part No.	Dimensions										Flange Plate Only	
		A mm	B mm	C mm	D mm	E mm	ØF mm	G	ØH mm	h mm	t mm	Rectangular Part No.	Square Part No.
W-4.072/AP0	W-4.072/AP0-Q	100	60	40	40	80	10.5	M10	30	30.5	10	W-AP0	W-AP0-Q
W-4.073/AP1	W-4.073/AP1-Q	120	80	50	50	90	12.5	M12	35	36.0	15	W-AP1	W-AP1-Q
W-4.074/AP2	W-4.074/AP2-Q	120	80	50	50	90	12.5	M12	40	36.5	15	W-AP2	W-AP2-Q
W-4.076/AP3.1	—	160	100	60	60	120	17.0	M16	45	44.0	20	W-AP3.1	—
—	W-4.076/AP3-Q	—	120	90	—	—	—	M16	45	44.0	20	—	W-AP3-Q
W-4.0784/AP4	W-4.0784/AP4-Q	180	120	80	80	140	17.0	M16	60	55.0	20	W-AP4	W-AP4-Q
W-4.079/AP4	W-4.079/AP4-Q	180	120	80	80	140	17.0	M16	60	56.0	20	W-AP4	W-AP4-Q
W-4.080/AP6	W-4.080/AP6-Q	200	150	100	100	160	17.0	M16	60	58.5	20	W-AP6	W-AP6-Q

Adjustment Shims for Flange Bearings

Bearing Size	0.5 mm Shim Part No.	1.0 mm Shim Part No.	Face Washer 0.5 mm Part No.	Face Washer 1.0 mm Part No.
W-4.072	W-DS-0-0.5	W-DS-0-1.0	W-S-4.072-0.5	W-S-4.072-1.0
W-4.073	W-DS-1-0.5	W-DS-1-1.0	W-S-4.073-0.5	W-S-4.073-1.0
W-4.074	W-DS-2-0.5	W-DS-2-1.0	W-S-4.074-0.5	W-S-4.074-1.0
W-4.076	W-DS-3-0.5	W-DS-3-1.0	W-S-4.076-0.5	W-S-4.076-1.0
W-4.0784	W-DS-4-0.5	W-DS-4-1.0	W-S-4.0784-0.5	W-S-4.0784-1.0
W-4.079	W-DS-4-0.5	W-DS-4-1.0	W-S-4.079-0.5	W-S-4.079-1.0
W-4.080	W-DS-6-0.5	W-DS-6-1.0	W-S-4.080-0.5	W-S-4.080-1.0

Clamp Flanges for Mounting Profile

Part No.	Profile Size
W-KF 0	0Nb
W-KF 1	1Nb
W-KF 2	2Nb
W-KF 3	3Nb
W-KF 4	4Nb

See Clamp Flange page for Dimensions.

Heavy Duty

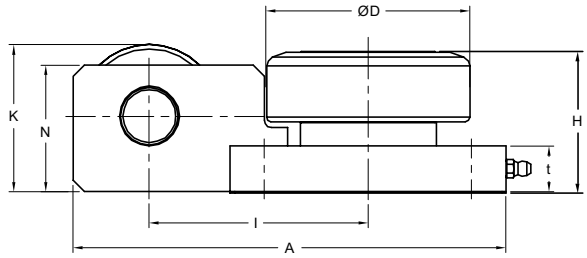
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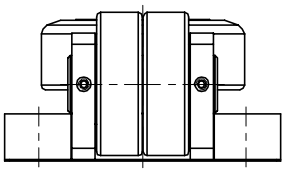


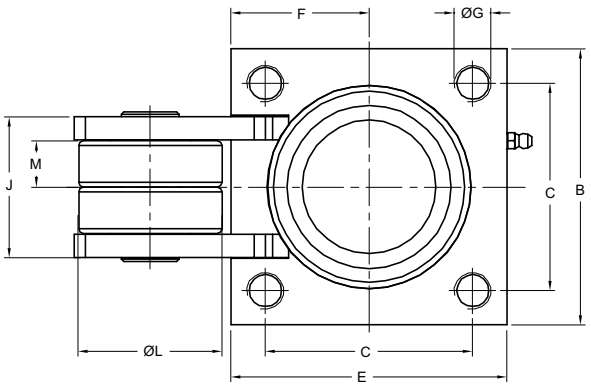


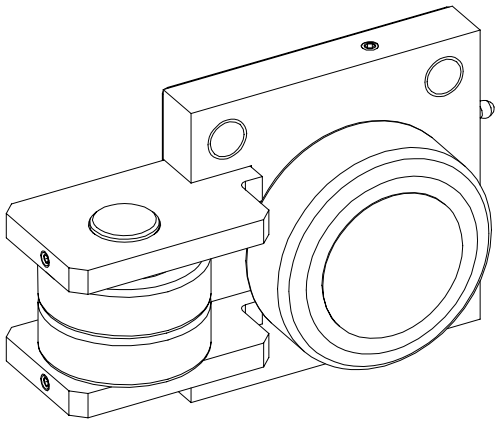
Features:

- Maximum resistance against dirt for heavy duty applications in the building material industry, foundry and steel industry.
- Radial bearings relubricater on flange.
- Axial bearings are shock resistant ball bearings with -2RS seals, lubricated for life.
- Axial adjustment with washers.
- For high speed application up to 2 m/sec.
- Included is a M6 grease nipple, O-ring and 2 pcs. of 0.5mm washer.









For selection, determine the profile size first based on allowable loads, then determine the bearing size from what fits within the profile.

See Profile Selection page and Criteria.

CAD Drawing Download: **www.winkel.de**

Part No.	Dimensions (mm)														Profile	F_R kN	F_A kN	RPM Max	Wt. kg
	A	B	C	D	E	F	G	H	I	J	K	L	M	N					
W-3.054	118	60	40	62.5	75	45	M10	38.5	66	37.2	40.5	40.0	16 (1)	35	W-0Nb	9.40	3.10	900	1.4
W-3.055	135	80	50	70.1	95	55	M12	49.0	73	53.2	52.0	40.0	16 (2)	45	W-1Nb	11.30	3.73	900	2.3
W-3.056	135	80	50	77.7	95	55	M12	49.0	73	53.2	52.0	40.0	16 (2)	45	W-2Nb	11.72	3.87	800	2.6
W-3.058	188	120	90	88.4	120	60	M16	61.0	95	61.2	64.0	62.4	20 (2)	55	W-3Nb	20.47	7.00	750	5.5
W-3.061	193	120	90	107.7	125	65	M16	71.5	100	61.2	75.0	62.4	20 (2)	63	W-4Nb	21.86	7.16	650	6.8
W-3.062	240	120	80	123.0	165	105	M16	71.5	143	69.2	76.0	70.0	22 (2)	70	W-5Nb	30.92	18.00	550	9.6
W-3.063	265	150	100	149.0	190	115	M16	73.5	153	69.2	78.4	70.0	22 (2)	70	W-6Nb	54.02	18.00	450	13.6

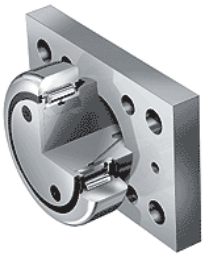
Note: F_R = Max Load capacity of Radial Bearing allowed on profile, F_A = Max Axial load capacity of Thrust Bearing allowed on profile. Units to fit Precision Profile available on request.

Radial Bearing

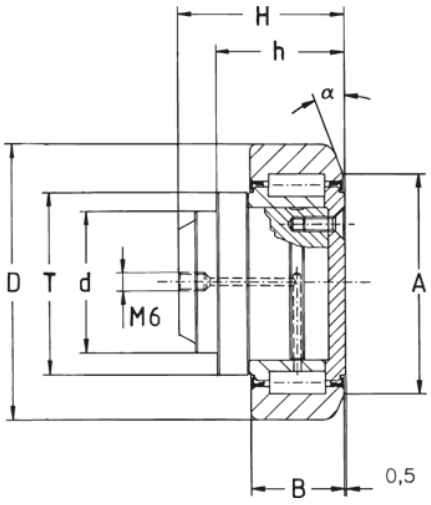




With Square Flange



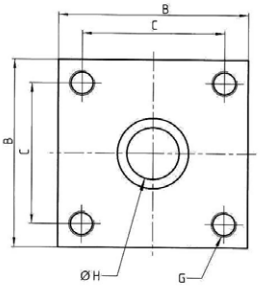
With Rectangular Flange

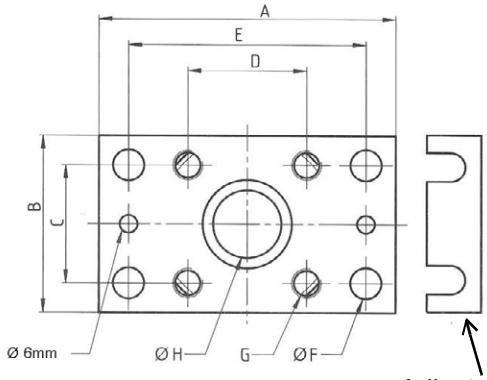


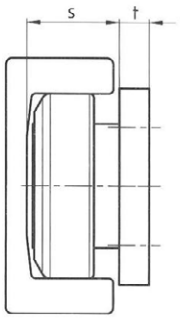
W-2.054 thru W-2.063 can be relubricated

Bearing only Part No.	Bearing with Rectangular Flange Part No.	Bearing with Square Flange Part No.	Dimensions								Ratings				Wt. kg	Flange Plates Part No. *	Profile Part No.
			A mm	α deg	B mm	D mm	d (-0.05mm)	H mm	h mm	T mm	C kN	C_O kN	F_R kN	RPM max			
W-2.054	W-2.054/AP0	W-2.054/AP0-Q	50	20°	20	62.5	30	36.5	28.5	42	31	35.5	9.4	900	0.55	W-AP0	W-0Nb
W-2.055	W-2.055/AP1	W-2.055/AP1-Q	57	20°	23	70.1	35	42	34	48	45.5	51	11.3	900	0.80	W-AP1	W-1Nb
W-2.056	W-2.056/AP2	W-2.056/AP2-Q	61	20°	23	77.7	40	45.5	34	53	48	56.8	11.7	800	1.05	W-AP2	W-2Nb
W-2.058	W-2.058/AP3.1	W-2.058/AP3-Q	68	20°	30	88.4	45	54	41	59	68	72	20.5	750	1.70	W-AP3.1	W-3Nb
W-2.061	W-2.061/AP4	W-2.061/AP4-Q	82	20°	31	107.7	60	65.5	51.5	71	81	95	21.7	650	2.90	W-AP4	W-4Nb
W-2.062	W-2.062/AP4	W-2.062/AP4-Q	92	20°	37	123	60	67.8	51.5	80	110	132	30.9	550	4.00	W-AP4	W-5Nb
W-2.063	W-2.063/AP6	W-2.063/AP6-Q	116	15°	45	149	60	74	54	103	151	192	54.0	450	6.70	W-AP6	W-6Nb

Note: *For Square Flange Plate, add -Q to the part no.







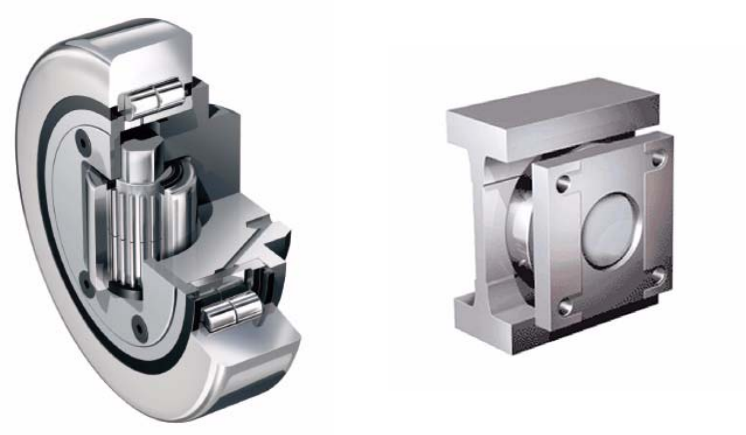
Adjustment Shim

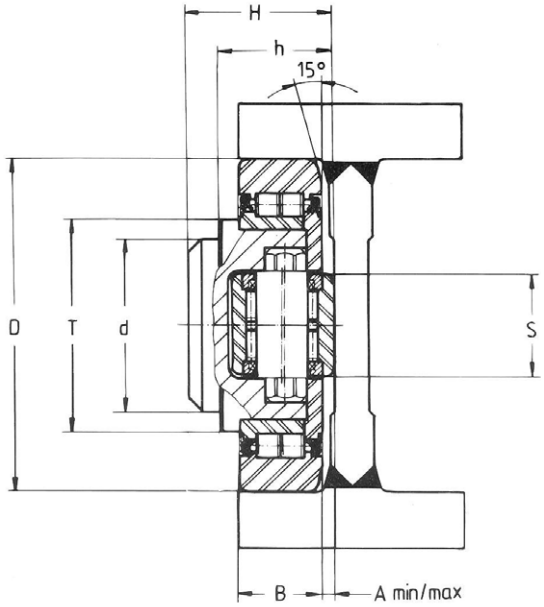
Part No. with Rectangular Flange Plate	Part No. with Square Flange Plate	Dimensions (mm)										Shim t = 0.5mm	Shim t = 1.0mm
		A	B	C	D	E	ØF	G	ØH	s	t		
W-2.054/AP0	W-2.054/AP0-Q	100	60	40	40	80	10.5	M10	30	30.5	10	W-DS-0-0.5	W-DS-0-1.0
W-2.055/AP1	W-2.055/AP1-Q	120	80	50	50	90	12.5	M12	35	36	15	W-DS-1-0.5	W-DS-1-1.0
W-2.056/AP2	W-2.056/AP2-Q	120	80	50	50	90	12.5	M12	40	36.5	15	W-DS-2-0.5	W-DS-2-1.0
W-2.058/AP3.1	—	160	100	60	60	120	17.0	M16	45	44	20	W-DS-3.1-0.5	W-DS-3.1-1.0
—	W-4.058/AP3-Q	—	120	90	—	—	—	M16	45	44	20	W-DS-3-0.5	W-DS-3-1.0
W-2.061/AP4	W-2.061/AP4-Q	180	120	80	80	140	17.0	M16	60	56	20	W-DS-4-0.5	W-DS-4-1.0
W-2.062/AP6	W-2.062/AP6-Q	200	150	100	100	160	17.0	M16	60	58.5	20	W-DS-6-0.5	W-DS-6-1.0
W-2.063/AP4	W-2.063/AP4-Q	180	120	80	80	140	17.00	M16	60	56	20	W-DS-4-0.5	W-DS-4-1.0

CAD Drawing Download: **www.winkel.de**

WINKEL Jumbo Combined Bearings

Axial Bearing Adjustable





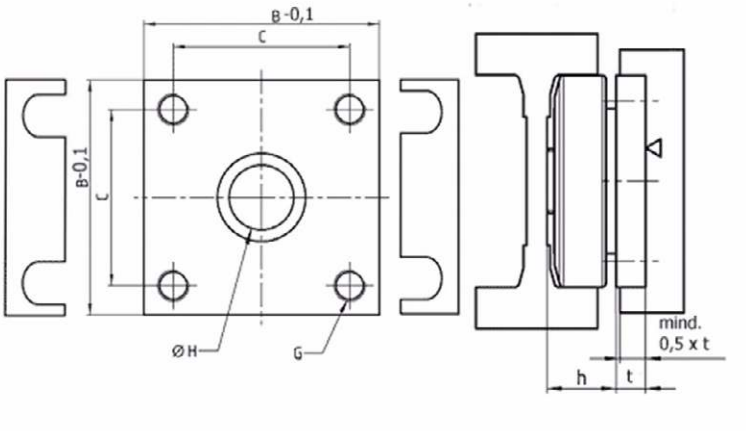
The adjustment of dimension A is obtained by removing the face plate and turning the eccentric shaft of the thrust bearing. The shaft contains an offset and has 5 adjustment positions. The radial bearing can be relubricated.

CAD Drawing Download: **www.winkel.de**

Bearing Only Part No.	Dimensions								Profile Ratings		Bearing Ratings					Wt. kg	Flange Plate Part No.	Profile Part No. *
	A mm	B mm	D mm	d (-0.05mm)	H mm	h mm	S mm	T mm	F_R kN	F_A kN	C kN	C_O kN	C_A kN	C_{OA} kN	RPM max			
W-4.085	6.5-9.5	57.3	180	100	95.7-98.7	76.3-79.3	60	124	76.0	22.8	207	243	73	83	100	11.5	W-AP 90-Q	W-8NB
W-4.089	5.0-8.0	40	165	80	69.0-72.0	53.0-56.0	50	113	41.71	13.91	213	388	85	133	120	9.2	W-AP 89-Q	W-10NB
W-4.090	6.5-9-5	48	190	100	84.5-87.5	64.5-67.5	60	124	58.00	19.40	266	500	100	180	100	10.6	W-AP 90-Q	W-16NB
W-4.091	6.5-9-5	58	220	110	94.5-97.5	74.5-77.5	75	146	84.00	28.00	326	681	138	257	90	17.3	W-AP 91-Q	W-18NB
W-4.092	7.0-10.0	60	250	120	102.0-105.0	77.0-80.0	75	168	101.50	33.90	369	748	138	257	75	23.9	W-AP 92-Q	W-28NB
W-4.093	7.5-11.5	72	280	150	119.5-123.5	89.5-93.5	90	188	139.40	46.50	489	1066	182	488	50	36.0	W-AP 93-Q	W-36NB W-42NB

Note: *Profiles W-10Nb and larger are fabricated.

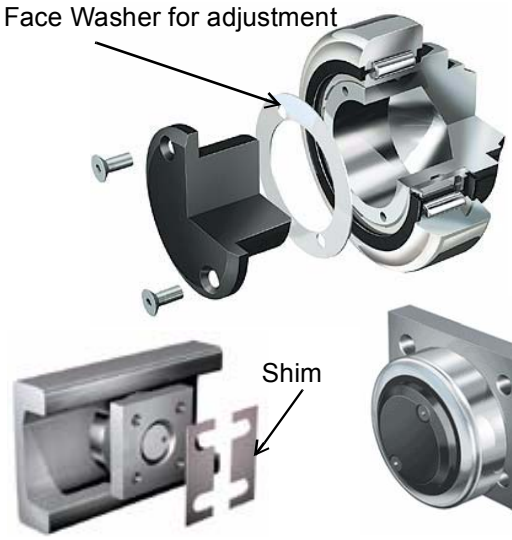
Flange Plates



Flange Plate Part No.	Dimensions (mm)					
	B	C	G	ØH	h	t
W-AP 89-Q	165	125	M20	80	53.0-56.0	23
W-AP 90-Q (4.085 + W-AP 90-Q)	190	150	M20	100	64.5-67.5 (76.0-79-3)	28
W-AP 91-Q	220	176	M24	110	74.5-77.5	33
W-AP 92-Q	250	206	M24	120	77.0-80.0	37
W-AP 93-Q	280	220	M30	150	89.5-93.5	37

WINKEL Combined Bearings

with Oilamide Thrust Bearing with Washer

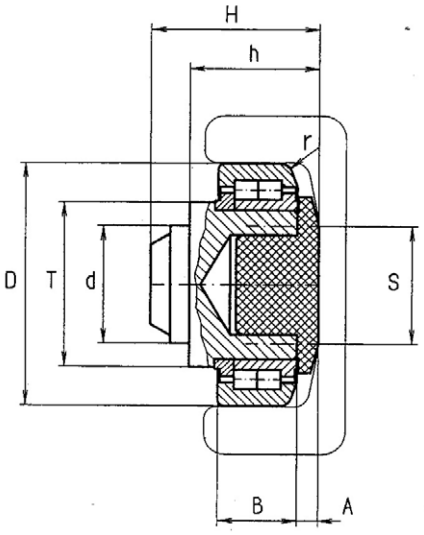


With Square Flange

With Rectangular Flange

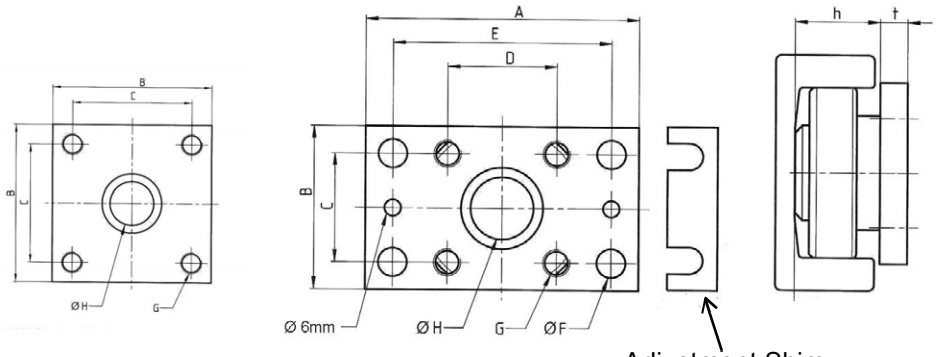
The Oilamide Thrust Bearing is a high resistant self-lubricant Polyamide within a standard Cylindrical Roller bearing, ideal for thrust loads.

The adjustment of dimension (A) is obtained by means of a Face Washer positioned between the main body of the bearing and the polyamide insert. Face Washers (0.5mm and 1.0mm thickness) are available if adjustment is required.

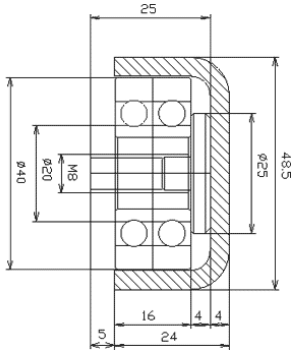


CAD Drawing Download: **www.winkel.de**

Bearing only Part No.	Dimensions									Ratings					Wt. kg	Rectangular Flange Plates Part No.	Profile Part No.
	A mm	B mm	D mm	d (-0.05mm)	H mm	h mm	r mm	S mm	T mm	C kN	C_O kN	F_R kN	F_A kN	RPM max			
W-4.052 P	4.0	16	40	20	25	—	—	20	—	10	5.7	0.8	3.1	800	0.15	W-APA	W-A
W-4.072 P	5.5	20	62.5	30	43	33	3	25	42	31	35.5	9.4	4.0	900	0.49	W-AP0	W-0Nb
W-4.073 P	6.5	23	70.1	35	48	40	4	33	48	45.5	51	11.3	6.7	800	0.74	W-AP1	W-1Nb
W-4.074 P	7	23	78.1	40	50.5	39.5	4	40	54	48	56.8	11.7	7.2	700	0.94	W-AP2	W-2Nb
W-4.076 P	7	30	88.4	45	61	48	3	45	59	68	72	20.5	8.9	600	1.57	W-AP3	W-3Nb
W-4.0784 P	8	31	107.7	60	69	55	5	60	71	81	95	21.7	14.4	500	2.63	W-AP4	W-4Nb
W-4.079 P	8	37	123	60	75.5	59.5	5	70	80	110	132	30.9	38.4	500	3.90	W-AP4	W-5Nb
W-4.080 P	8	45	149	60	82	62	5	100	103	151	192	54.0	41.6	400	6.5	W-AP6	W-6Nb
W-4.085 P	10	57.3	180	100	99.2	79.8	5	112	124	207	243	76.0	41.6	200	11.5	W-AP90-Q	W-8Nb



Adjustment Shim



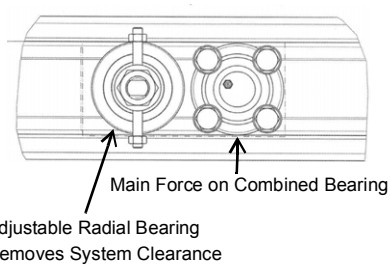
W-4.052 P

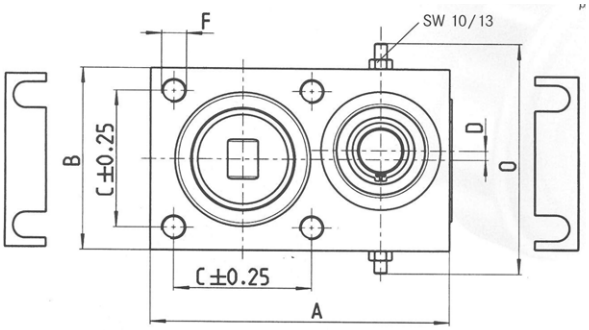
Part No. with Square Flange Plate	Part No. with Rectangular Flange Plate	Dimensions (mm)										Shim t = 0.5mm	Shim t = 1.0mm
		A	B	C	D	E	ØF	G	ØH	h	t		
W-4.072P/AP 0	W-4.072P/AP0-Q	100	60	40	40	80	10.50	M10	30	33	10	W-DS-0-0.5	W-DS-0-1.0
W-4.073P/AP 1	W-4.073P/AP1-Q	120	80	50	50	90	12.50	M12	35	40	15	W-DS-1-0.5	W-DS-1-1.0
W-4.074P/AP 2	W-4.074P/AP2-Q	120	80	50	50	90	12.50	M12	40	39.5	15	W-DS-2-0.5	W-DS-2-1.0
W-4.076P/AP 3.1	—	160	100	60	60	120	17.00	M16	45	48	20	W-DS-3.1-0.5	W-DS-3.1-1.0
—	W-4.076P/AP3-Q	—	120	90	—	—	—	M16	45	44.0	20	W-DS-3-0.5	W-DS-3-1.0
W-2.0784P/AP 4	W-4.0784P/AP4-Q	180	120	80	80	140	17.00	M16	60	55	20	W-DS-4-0.5	W-DS-4-1.0
W-2.079P/AP 4	W-4.079P/AP4-Q	180	120	80	80	140	17.00	M16	60	59.5	20	W-DS-4-0.5	W-DS-4-1.0
W-2.080P/AP6	W-4.080P/AP6-Q	200	150	100	100	160	17.00	M16	60	62	20	W-DS-6-0.5	W-DS-6-1.0

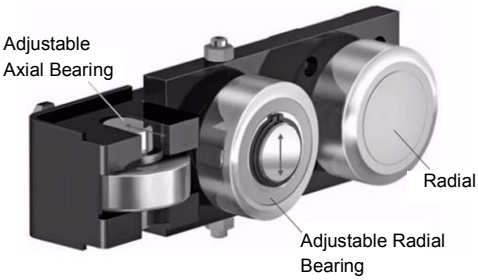
WINKEL Combined Bearings

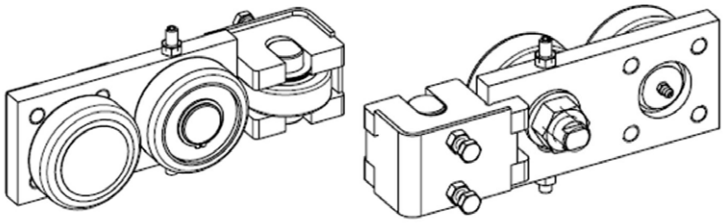
Type JC Adjusting Unit For Standard Profiles



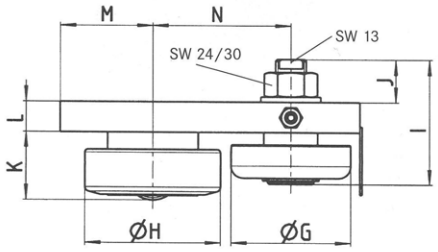








Optional JT2.055 and JT2.056 units with separate Thrust Bearing



Assembly / Adjusting

- Secure the unit by the flange plate and within the profile.
- The position of the adjustable bearing must be at the opposite direction from the load.
- The main forces should be on the radial bearing of the Combined Bearing.
- The adjustable bearing can be adjusted and finally secured.
- Set adjustable bearing to the top raceway with a clearance of 0.05 to 0.10mm.

CAD Drawing Download: **www.winkel.de**

Bearing Part No.	Dimensions													
	A mm	B mm	C mm	+/- D mm	F mm	G mm	H mm	I mm	J mm	K mm	L mm	M mm	N mm	O mm
W-JC 4.054	140	60	40	8	M10	62.4	62.5	64	24	30.5	10	30	72.0	80
W-JC 4.055	170	80	50	10	M12	70.0	70.1	82	33	36.0	15	40	83.5	102
W-JC 4.056	170	80	50	10	M12	78.0	77.7	82	33	36.5	15	40	83.5	102
W-JC 4.058	195	120	90	20	M16	78.0	88.4	82	28	44.0	20	60	90.0	152
W-JC 4.061	240	120	80	20	M16	101.6	107.7	98	29	55.0	20	60	120.0	150
W-JC 4.062	240	120	80	20	M16	101.6	123.0	98	29	56.0	20	60	120.0	150
W-JC 4.063	265	150	100	35	M16	101.6	149.0	98	29	58.5	20	75	130.0	170

Bearing Part No.	Profile Max Static Radial Load F_RkN	Profile Max Static Axial Load F_AkN	Dynamic Load Capacity of Radial Brg C kN	Static Load Capacity of Radial Brg C_OkN	Dynamic Load Capacity of Axial Brg C_AkN	Static Load Capacity of Axial Brg C_{OA}kN	RPM max	Wt. kg	Profiles
W-JC 4.054	9.4	3.1	31.0	35.5	11	11	900	1.65	W-0Nb
W-JC 4.055	11.3	3.73	45.5	51.0	13	14	900	2.95	W-1Nb
W-JC 4.056	11.72	3.87	48.0	56.8	18	18	800	3.30	W-2Nb
W-JC 4.058	20.47	6.76	68.0	72.0	23	23	750	5.80	W-3Nb
W-JC 4.061	21.68	7.16	81.0	95.0	31	36	650	8.75	W-4Nb
W-JC 4.062	30.92	10.2	110.0	132.0	43	50	550	9.75	W-5Nb
W-JC 4.063	54.02	17.8	151.0	192.0	68	71	450	13.90	W-6Nb

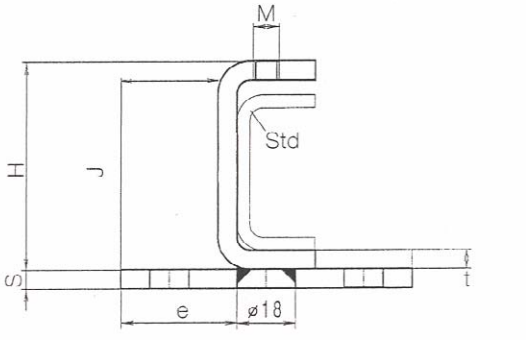
Profile Clamp Flanges

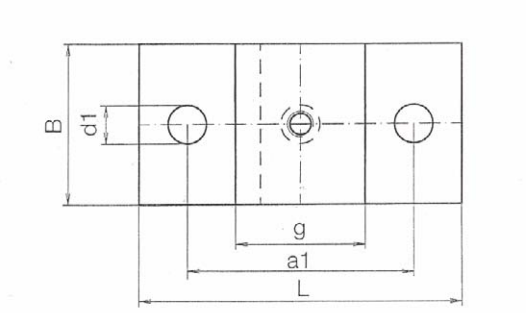
Adjustable Clamp System
Quick Assembly, No Welding
Parallelism Easy To Adjust
Allows Easy Profile Change





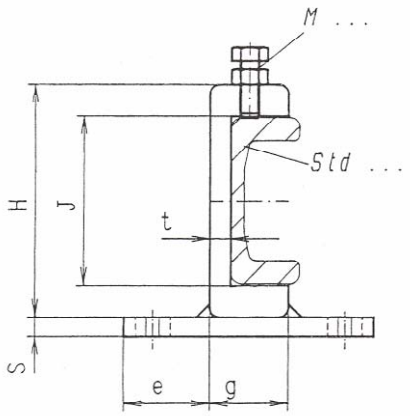
Sizes
W-KF A
W-KF S

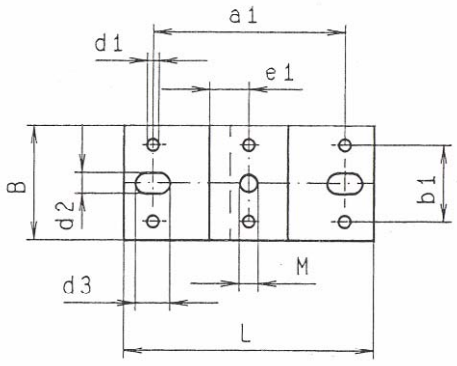




Part No.	Profile	Dimensions (mm)											Wt.
		H	B	L	S	J	e	g	t	a1	d1	M	kg
W-KF A	W-A	65	50	90	6	53	30	30	6	60	12	M8	0.40
W-KF S	W-S	83	50	100	8	67	30	40	8	70	12	M8	0.50

Sizes
W-KF 0 thru W-KF 4





Part No.	Profile	Dimensions (mm)															Wt.
		H	B	L	S	J	e	g	t	a1	b1	d1	d2	d3	e1	M	kg
W-KF 0	W-0 Nb	121.3	60	130	10	88.5	44.5	41.0	10.8	100	40	6	11	18	20.5	M10 x 30	1.60
W-KF 1	W-1 Nb	135.4	60	130	10	105.0	38.5	53.0	12.7	100	40	6	11	18	26.5	M10 x 30	1.95
W-KF 2	W-2 Nb	157.2	80	160	15	123.0	49.5	61.2	14	130	60	6	13	18	30.6	M12 x 35	3.85
W-KF 3	W-3 Nb	175.0	80	160	15	137.5	46.9	66.2	16.2	130	60	6	13	18	33.1	M12 x 35	4.30
W-KF 4	W-4 Nb	201.5	80	160	15	159.0	44.4	71.2	19.4	130	60	6	13	18	35.6	M12 x 35	5.20

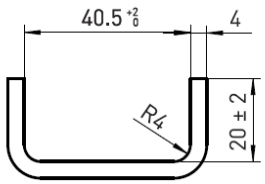
Single Profiles

Standard Series



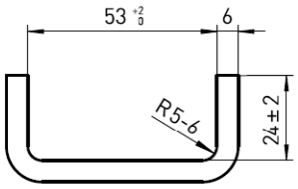
All profiles from 0Nb thru 8Nb are from S450 J2 Modified in lengths to 12 meters. Longer lengths are available on request. PTI typicaly stocks 6 meter lengths for the ease of handling and will provide cut to length on request.

The Nb Series offers higher load capacities. The radial clearance between the bearing and profile is approximately 1mm for the standard profile. For reduced radial clearance, see Precision Bearings and Profiles.



Part No.: W-A Standard Profile. Wt. 2.6 kg/m

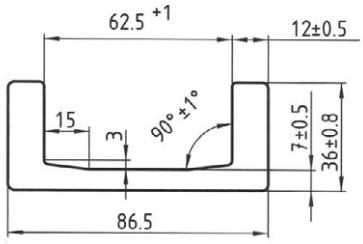
Area: 3.3cm^2 ey: 0.8cm
Wx: 4.4cm^3 Ix: 10.6cm^4
Wy: 1.0cm^3 Iy: 1.7cm^4



Part No.: W-S Standard Profile. Wt. 5.3 kg/m

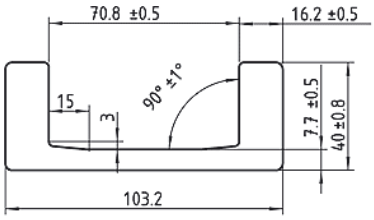
Area: 6.4cm^2 ey: 1.0cm
Wx: 11.9cm^3 Ix: 35.4cm^4
Wy: 2.5cm^3 Iy: 5.0cm^4

Also available in Stainless



Part No.: W-0Nb Standard Profile. Wt. 10.5 kg/m

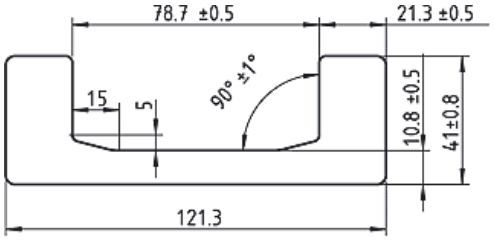
Area: 13.4cm^2 ey: 1.3cm
Wx: 32cm^3 Ix: 137cm^4
Wy: 6.7cm^3 Iy: 15.4cm^4



Part No.: W-1Nb Standard Profile. Wt. 14.8 kg/m

Area: 18.8cm^2 ey: 1.5cm
Wx: 53cm^3 Ix: 273cm^4
Wy: 11cm^3 Iy: 27cm^4

Also available in Stainless



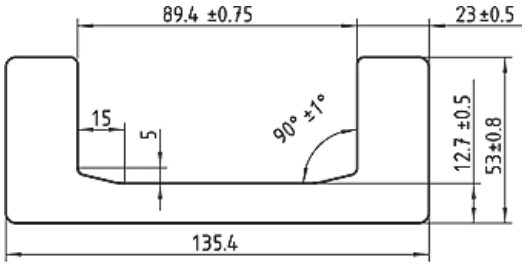
Part No.: W-2Nb Standard Profile. Wt. 20.9 kg/m

Area: 26.6cm^2 ey: 1.5cm
Wx: 81cm^3 Ix: 493cm^4
Wy: 15cm^3 Iy: 38cm^4

Also available in Stainless

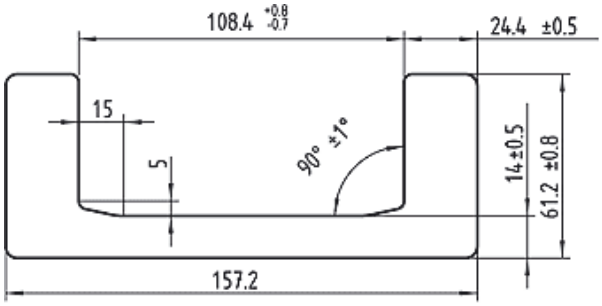
Single Profiles

Standard Series



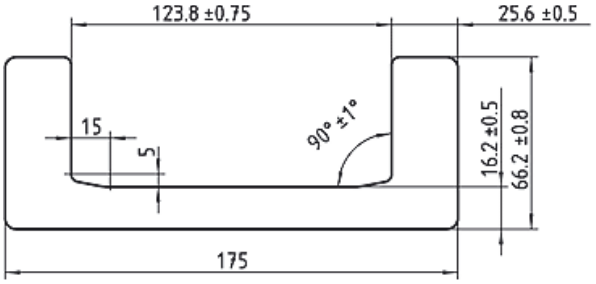
Part No.: W-3Nb Standard Profile. Wt. 28.6 kg/m

Area: 36.4cm^2	ey: 2.0cm
Wx: 128cm^3	Ix: 865cm^4
Wy: 27cm^3	Iy: 89cm^4



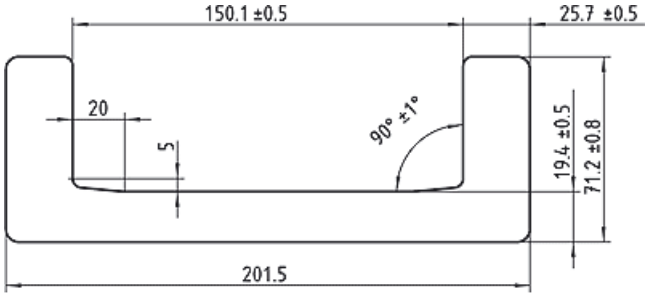
Part No.: W-4Nb Standard Profile. Wt. 36.0 kg/m

Area: 45.7cm^2	ey: 2.2cm
Wx: 190cm^3	Ix: 1494cm^4
Wy: 39cm^3	Iy: 150cm^4



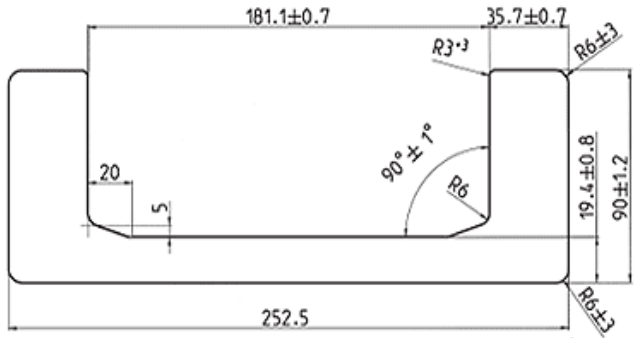
Part No.: W-5Nb Standard Profile. Wt. 42.8 kg/m

Area: 54.6cm^2	ey: 1.9cm
Wx: 250cm^3	Ix: 2185cm^4
Wy: 48cm^3	Iy: 205cm^4



Part No.: W-6Nb Standard Profile. Wt. 52.3 kg/m

Area: 66.6cm^2	ey: 2.0cm
Wx: 340cm^3	Ix: 3423cm^4
Wy: 57cm^3	Iy: 270cm^4



Part No.: W-8Nb Standard Profile. Wt. 78.7 kg/m

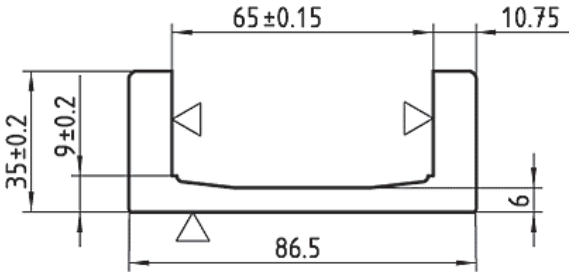
Area: 100.1cm^2	ey: 2.68cm
Wx: 681.6cm^3	Ix: 8605.4cm^4
Wy: 125.1cm^3	Iy: 721cm^4

Single Profiles

Precision Series

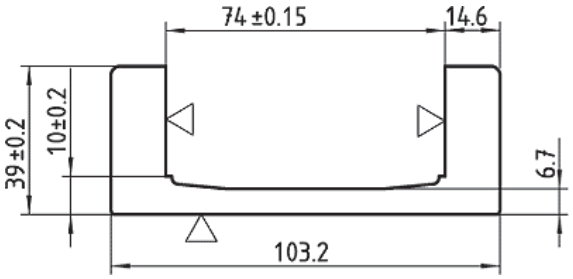


All Precision profiles are made from high-quality steel S450 J2 Modified. They are fine straightened and sand blasted, ready to install. Typical stock production length is 12 meters. Longer lengths are available on request. The bearing contact surfaces are machined in one continous machine operation for accuracy. Profiles can be machined according to customer drawings as well, and include mounting holes as shown. Lengths as requested to 50ft are possible.



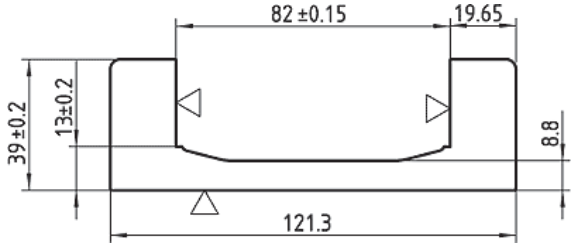
Part No.: W-PR 0Nb Precision Profile. Wt. 9.4 kg/m

Area: 11.8cm^2 ey: 1.2cm
Wx: 28.3cm^3 Ix: 122.6cm^4
Wy: 5.2cm^3 Iy: 12.5cm^4



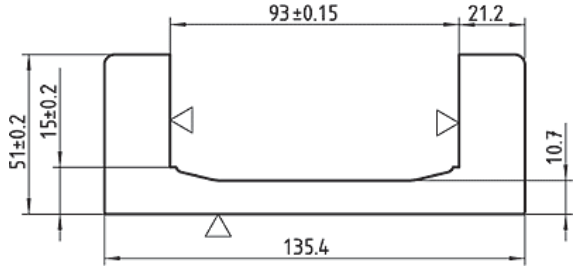
Part No.: W-PR 1Nb Precision Profile. Wt. 13.4 kg/m

Area: 16.8cm^2 ey: 1.43cm
Wx: 48cm^3 Ix: 249cm^4
Wy: 8.9cm^3 Iy: 22.9cm^4



Part No.: W-PR 2Nb Precision Profile. Wt. 18.3 kg/m

Area: 23.3cm^2 ey: 1.4cm
Wx: 73.5cm^3 Ix: 446cm^4
Wy: 11.4cm^3 Iy: 30.3cm^4

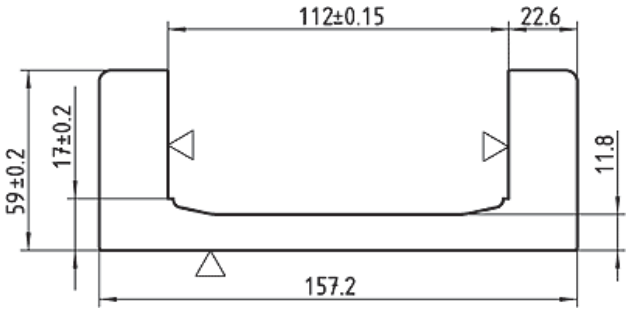


Part No.: W-PR 3Nb Precision Profile. Wt. 25.4 kg/m

Area: 32.4cm^2 ey: 1.92cm
Wx: 117.3cm^3 Ix: 795cm^4
Wy: 21.8cm^3 Iy: 74.4cm^4

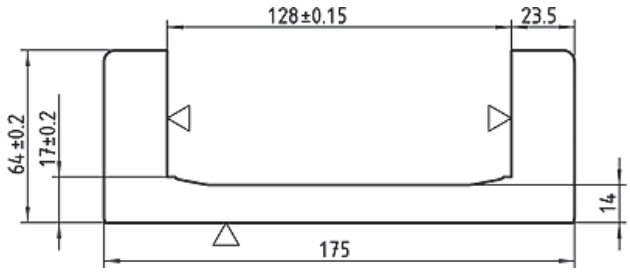
Single Profiles

Precision Series



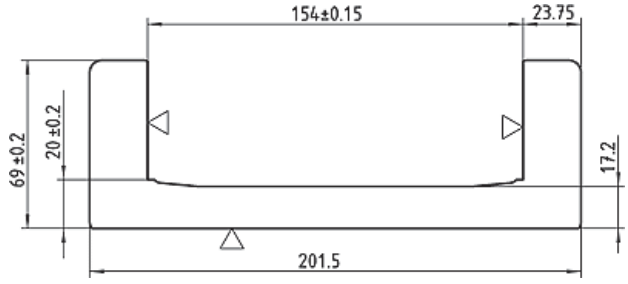
Part No.: W-PR 4Nb Precision Profile. Wt. 32.1 kg/m

Area: 40.7cm^2	ey: 2.1cm
Wx: 174.6cm^3	Ix: 1373cm^4
Wy: 31.8cm^3	Iy: 126.6cm^4



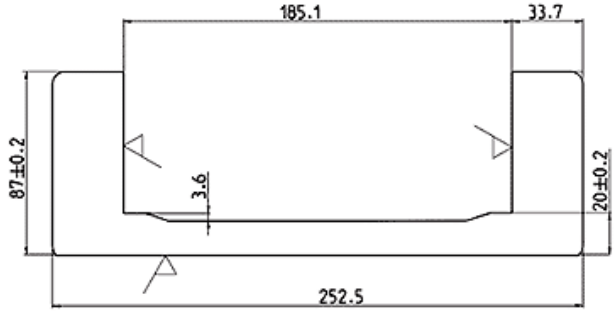
Part No.: W-PR 5Nb Precision Profile. Wt. 38.1 kg/m

Area: 48.6cm^2	ey: 2.2cm
Wx: 228cm^3	Ix: 1996cm^4
Wy: 39.7cm^3	Iy: 174cm^4



Part No.: W-PR 6Nb Precision Profile. Wt. 47.1 kg/m

Area: 60.0cm^2	ey: 2.3cm
Wx: 312cm^3	Ix: 3148cm^4
Wy: 47.8cm^3	Iy: 232cm^4



Part No.: W-PR 8Nb precision Profile. Wt. 70.6 kg/m

Area: 89.9cm^2	ey: 3.1cm
Wx: 634cm^3	Ix: 8000cm^4
Wy: 112cm^3	Iy: 623cm^4

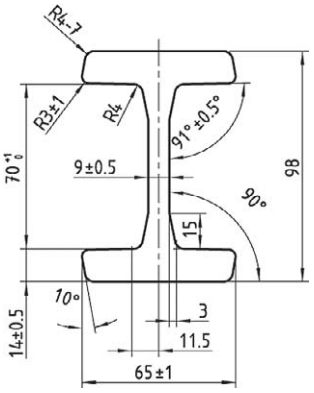
Duplex Profiles

Standard Series

Material: S450 J2 Modified. Can be provided cut to length up to 6 meters long, longer on request.



CAD Drawing Download: **www.winkel.de**

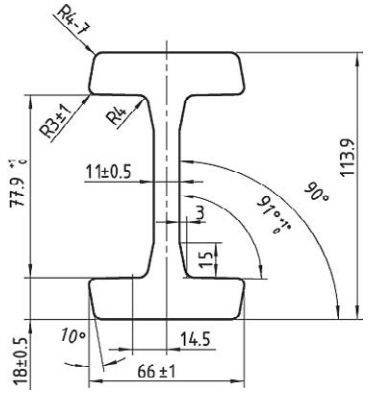


Part No.: W-3018 Wt. 19.4 kg/m

Area: 24.8cm^2 Wy: 18.00cm^3

Wx: 70.6cm^3 Iy: 58.3cm^4

Ix: 345.9cm^4

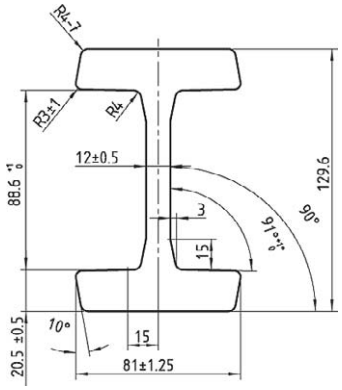


Part No.: W-3019 Wt. 25.3 kg/m

Area: 32.2cm^2 Ix: 597.5cm^4

Wx: 104.9cm^3 Wy: 23.2cm^3

Iy: 76.8cm^4

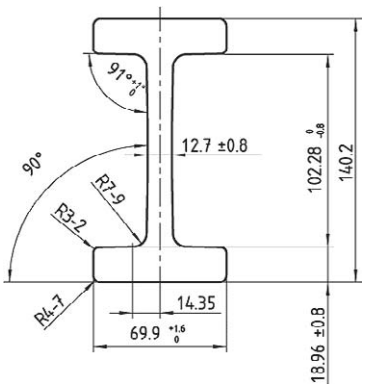


Part No.: W-3020 Wt. 34.0 kg/m

Area: 43.4cm^2 Ix: 1037cm^4

Wx: 160cm^3 Wy: 40cm^3

Iy: 162cm^4

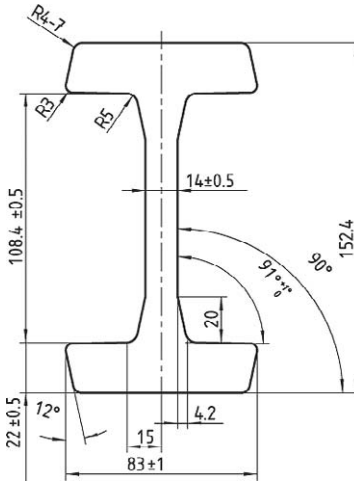


Part No.: W-2912 Wt. 31.17 kg/m

Area: 39.5cm^2 Ix: 1089cm^4

Wx: 156cm^3 Wy: 30cm^3

Iy: 105cm^4

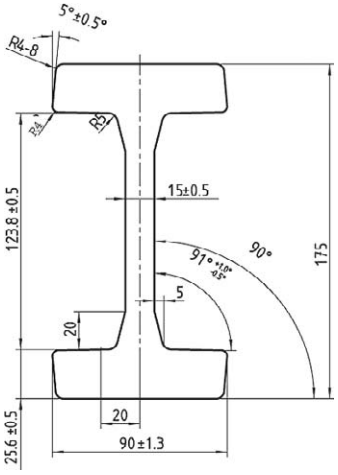


Part No.: W-3100 Wt. 40.8 kg/m

Area: 51.1cm^2 Ix: 1657cm^4

Wx: 217cm^3 Wy: 44cm^3

Iy: 184cm^4



Part No.: W-3353 Wt. 51.4 kg/m

Area: 65.5cm^2 Ix: 2826cm^4

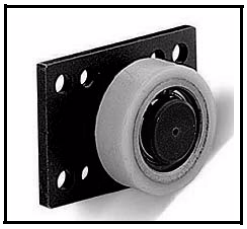
Wx: 323cm^3 Wy: 65.2cm^3

Iy: 293cm^4

Note: See selection page for load ratings of profiles. Larger fabricated sizes available on request.

WINKEL Vulkollan Combined Bearings

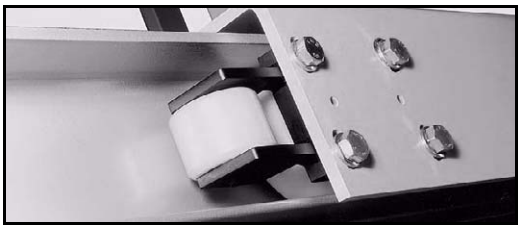
With & without Flanges



W-V4000AP



W-V1250AP



Vulkollan System



W-V4000



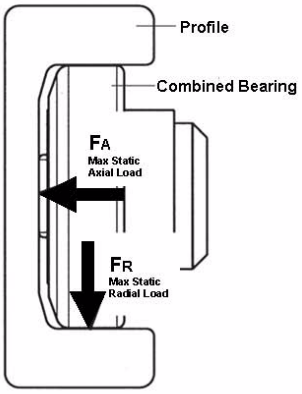
W-VE6250

Features of Vulkollan Units

- Silent operation
- Travel Speed up to 16ft/sec
- Low Friction from 2RS Sealed Ball Bearings
- Wear Resistant
- Max Working Temperature 80° C
- 93° Shore Hardness

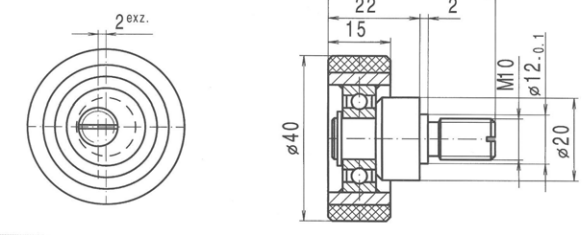
CAD Drawing Download: **www.winkel.de**

Part No. without Flange	Part No. with Flange	F_R [N] max stat radial	F_A [N] max stat axial	Reduction of load capacity at			Wt. kg	Profile
				1 m/sec	2m/sec	3m/sec		
W-V 4000	W-V 4000 AP	600	400	0%	-20%	-30%	0.20	W-A
W-V 5250	W-V 5250 AP	800	400	0%	-20%	-30%	0.28	W-S
W-V 6250 P	W-V 6250 AP	1100	600	0%	-20%	-30%	0.80	W-O
—	W-V 1012 AP	1900	600	0%	-20%	-30%	1.60	W-V
—	W-V 1250 AP	4500	1000	0%	-20%	-30%	4.00	W-R
—	W-V 1432 AP	6000	3000	0%	-20%	-30%	9.20	W-W
—	W-V 1792 AP	10000	3000	0%	-20%	-30%	12.20	W-X
—	W-VE 4000*	600	—	0%	-20%	-30%	0.25	—
—	W-VE 6250*	1100	—	0%	-20%	-30%	0.25	—

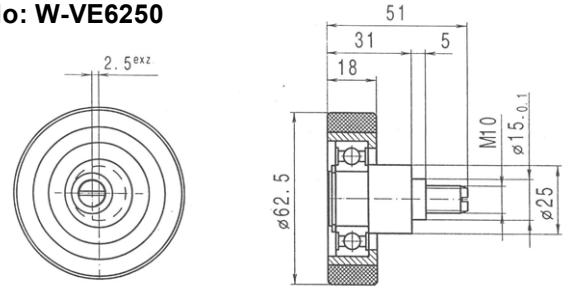


Note:* VE Units available with M10 threaded stud. These are mounted on an eccentric stud and used to tension or remove clearance of the bearing system.

Part No: W-VE4000

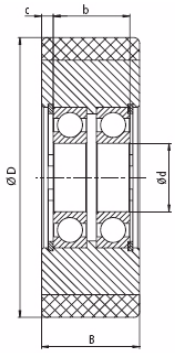


Part No: W-VE6250



Vulkollan Roller

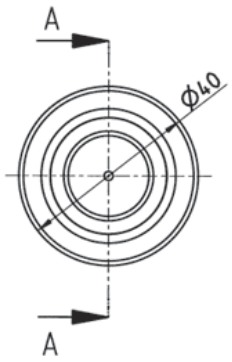


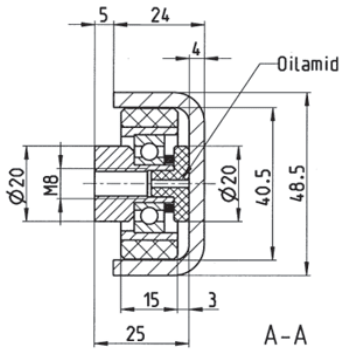


Part No.	Bearing Size	b mm	B mm	c mm	d mm	D mm	Load Capacity [N]
W-V 50/30	50.0 x 30	30	30	—	12	50	1000
W-V 80/57	80.0 x 57	61	57	—	20	80	3000
W-V 101/25	101.2 x 25	16	25	4.5	45	101.2	1900
W-V 125/40	125.0 x 40	35	40	5	30	125	4500
W-V 143/50	143.2 x 50	38	50	5	35	143.2	6000
W-V 179/50	179.0 x 50	40	50	5	40	179.2	10000

Part No.: W-V4000 Wt. 0.10kg

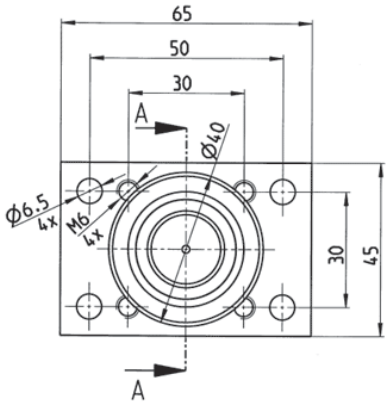


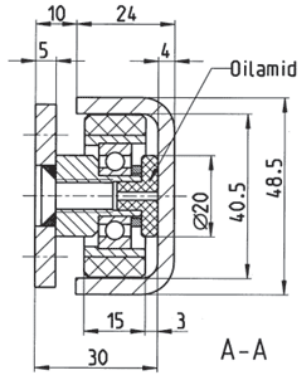




Part No: W-V4000 AP Wt. 0.20kg with Flange Plate



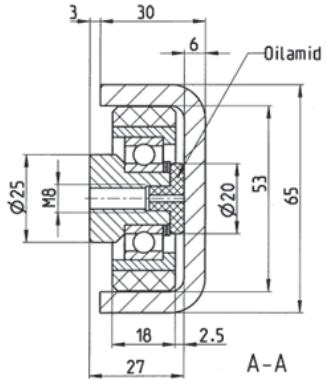




Part No.: W-V5250 Wt. 0.18kg

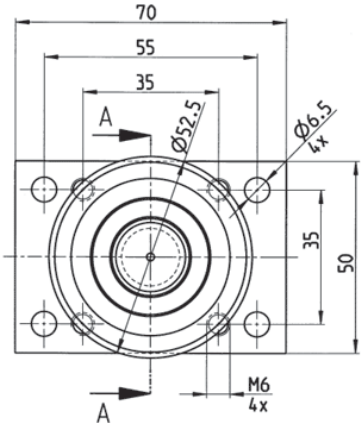


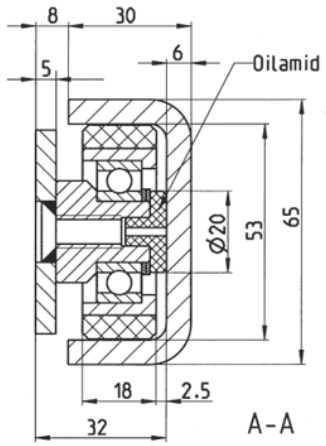




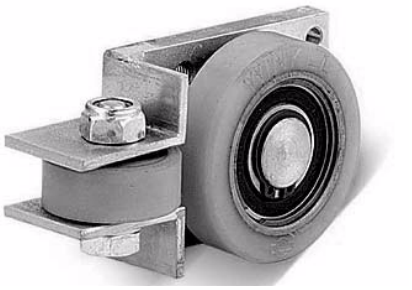
Part No.: W-V5250 AP Wt. 0.28kg with Flange Plate

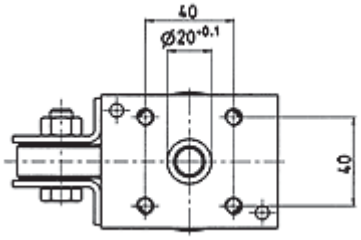


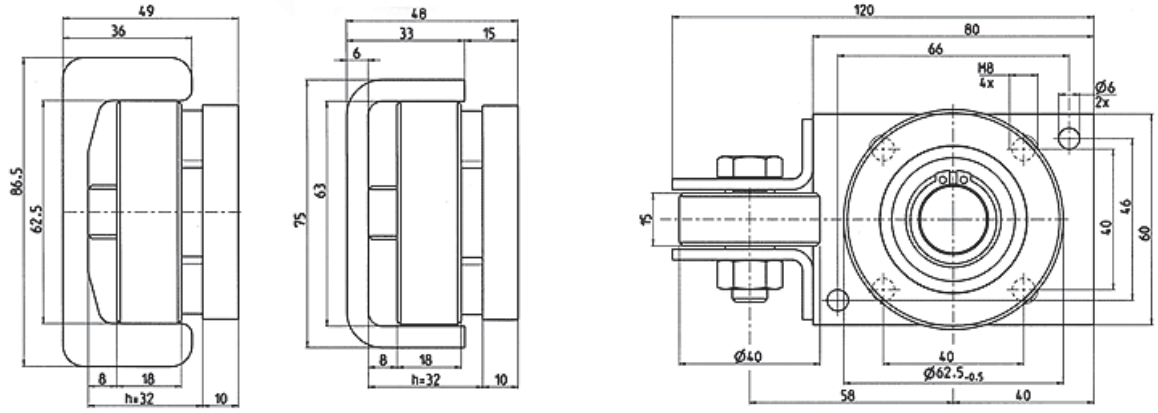




Part No.: W-V6250 AP Wt. 0.80kg with Flange Plate

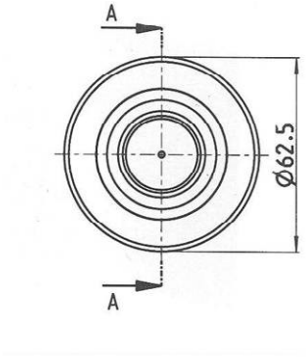


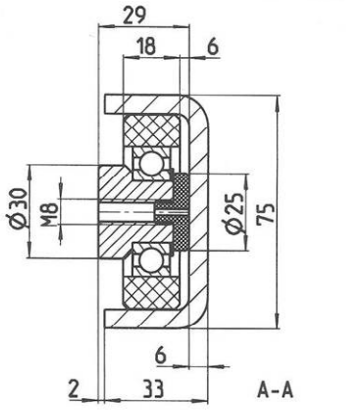




Part No.: W-V6250 P Wt. 0.30kg

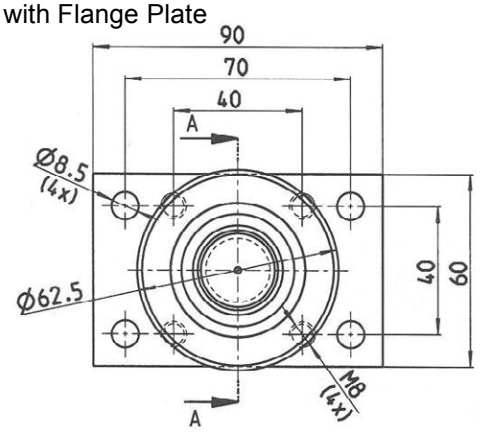


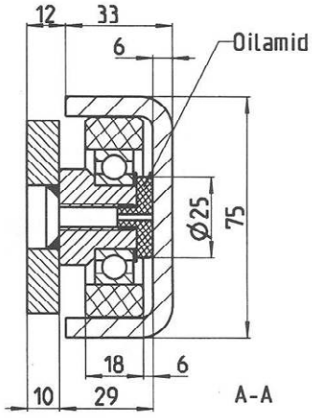




Part No.: W-V6250 P AP Wt. 0.65kg with Flange Plate

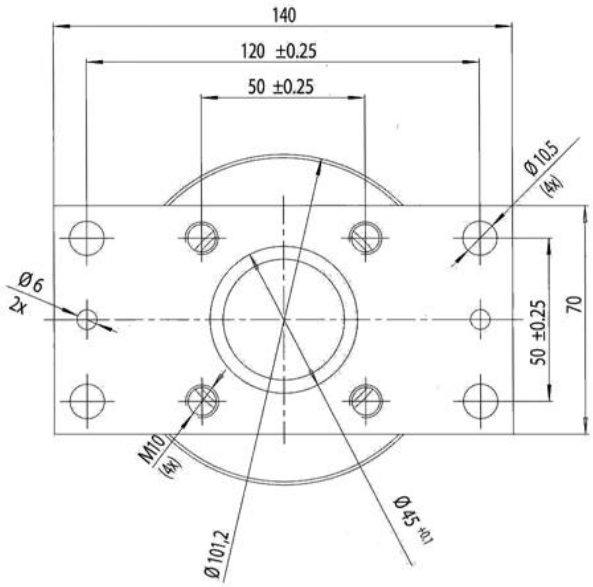


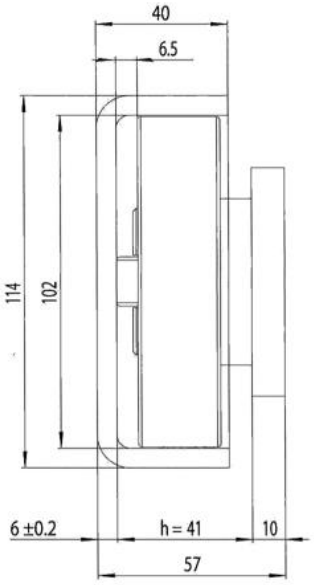




Part No.: W-V1012 AP Wt. 1.60kg with Flange Plate

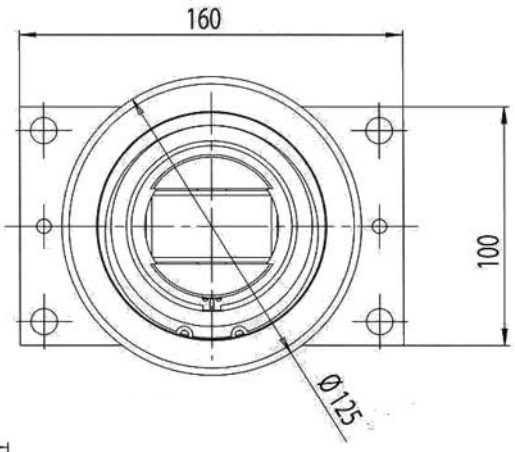


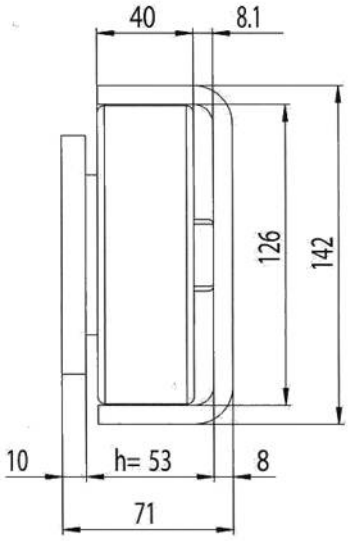


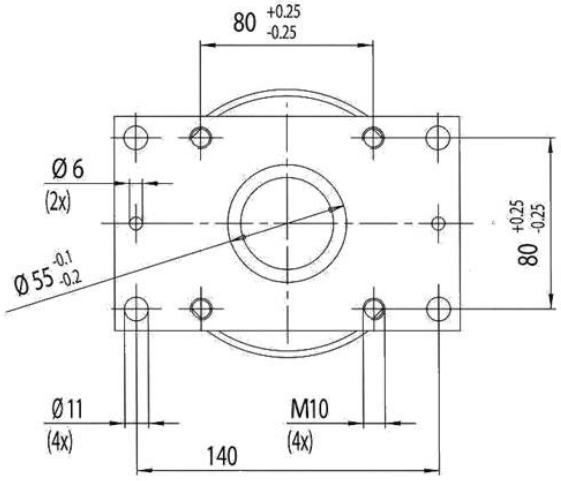


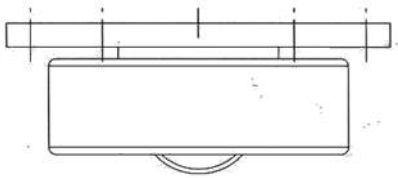
Part No.: W-V1250 AP Wt. 4.0kg with Flange Plate







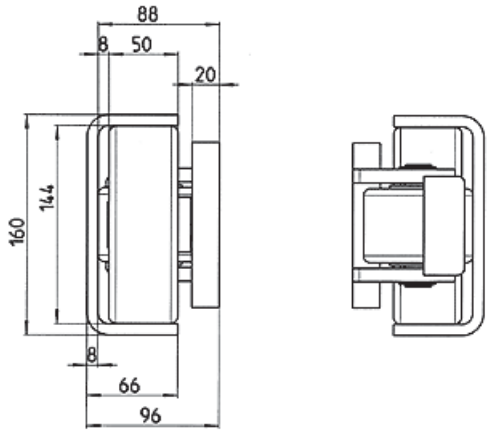


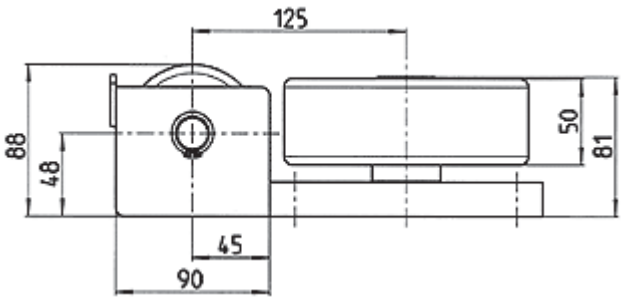


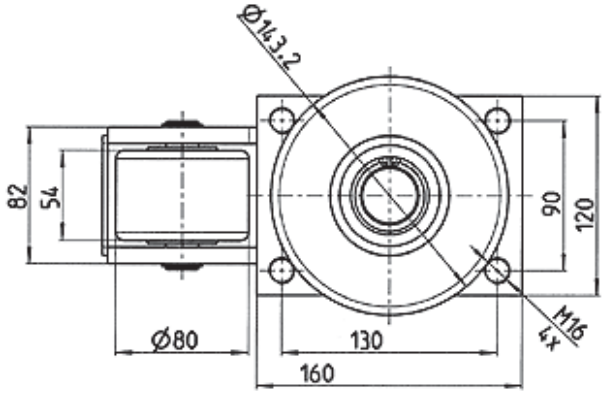
CAD Drawing Download: **www.winkel.de**

Part No.: W-V1432 AP Wt. 9.2kg with Flange Plate



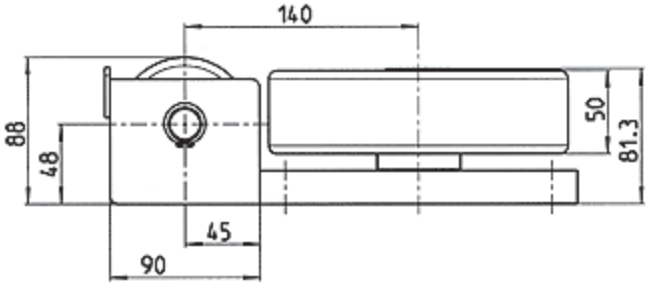


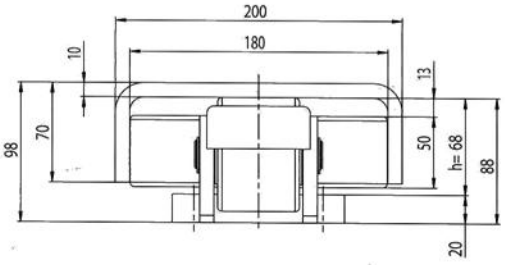


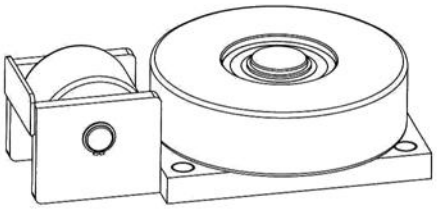


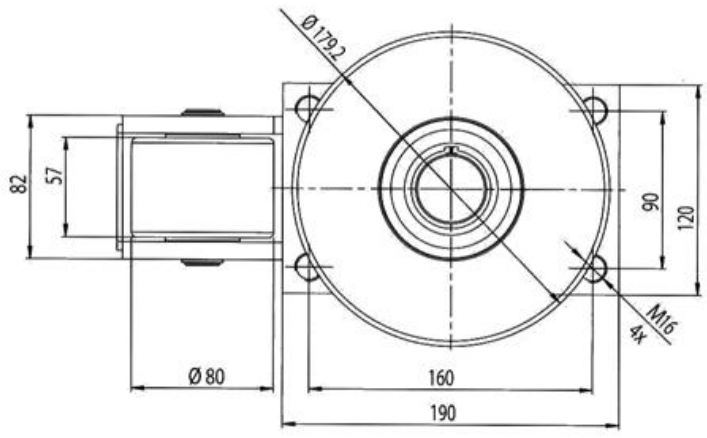
Part No.: W-V1792 AP Wt. 12.2kg with Flange Plate





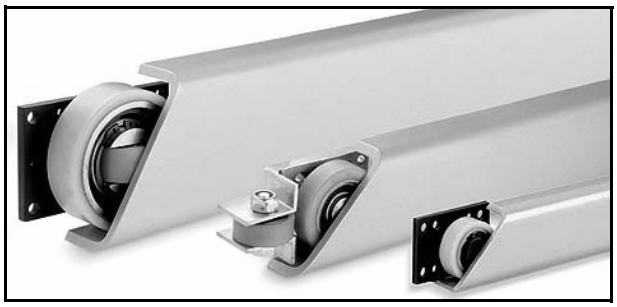






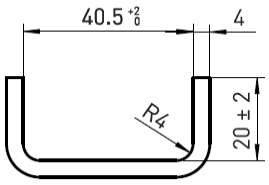
WINKEL Profiles

for Vulkollan & Polyamide Combined Bearings



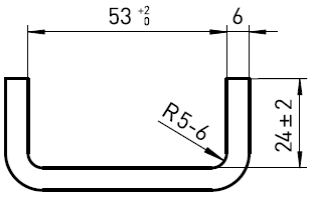
Select Profiles for Vulkollan or Polyamide combined bearings based on the load rating of the particular bearing. The individual bearing loads are listed within each series section.

Part No. W-A

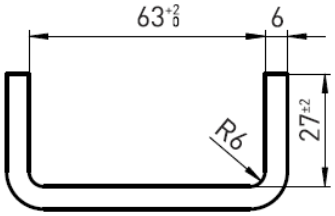


Part No. W-S

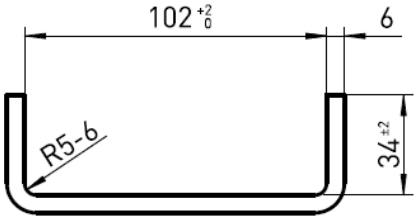
Also available in Stainless



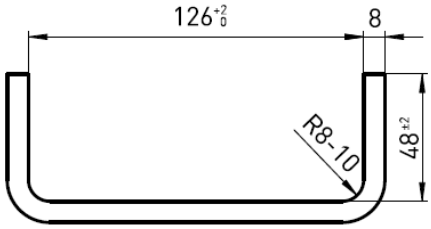
Part No. W-M



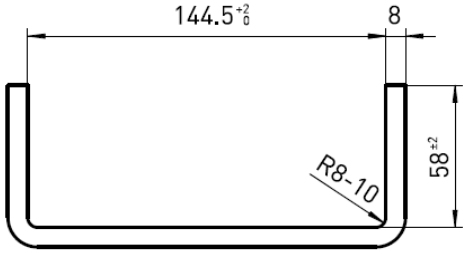
Part No.W-V



Part No. W-R



Part No. W-W



Part No. W-X



Stock lengths = 6 meters
Cut to length on request

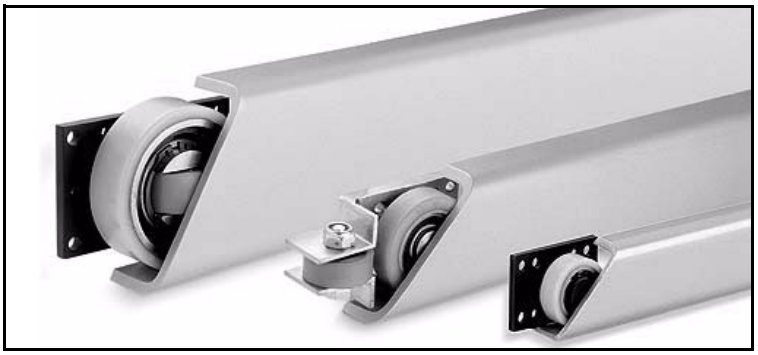
Technical Details

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Parameter	Part No.						
	W-A	W-S	W-M	W-V	W-R	W-W	W-X
Wt. (kg/m)	2.62	5.0	5.8	8.3	14.3	16.9	24.1
Area cm^2	3.3	6.4	7.3	10.5	18.3	21.3	30.7
Ix cm^4	10.6	35.4	54.4	178.7	499.7	758.9	1626.8
Wx cm^3	4.4	10.9	14.5	31.4	70.4	94.9	162.7
Iy cm^4	1.7	5.0	6.9	14.0	49.8	83.0	126.1
Wy cm^3	1.0	2.5	3.1	4.8	12.4	17.5	24.6
ey cm	0.8	1.0	1.0	1.1	1.6	1.9	1.9

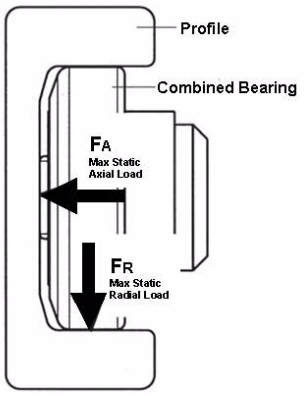
Features of Polyamide Units

- Silent operation
- Travel Speed up to 16ft/sec
- Low Friction from 2RS Sealed Ball Bearings
- Wear Resistant
- Max working temp 40°C
- Higher Loads than Vulkollan





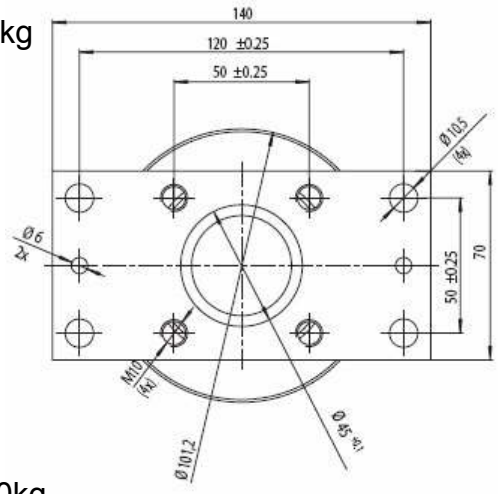


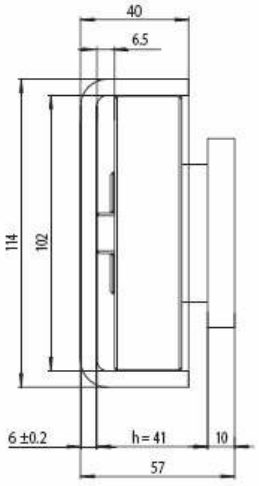


Part No.	F_R [N] max stat radial	F_A [N] max stat axial	Reduction of load capacity at:			Wt. kg	Profile
			1 m/sec	2m/sec	3m/sec		
W-PA 1012 AP	2500	900	0%	-20%	-30%	1.60	W-V
W-PA 1250 AP	6000	1300	0%	-20%	-30%	4.00	W-R
W-PA 1432 AP	8000	3000	0%	-20%	-30%	9.20	W-W
W-PA 1792 AP	15000	3000	0%	-20%	-30%	12.20	W-X
W-PA 1800 AP	18000	6000	0%	-20%	-30%	13.00	Std 8

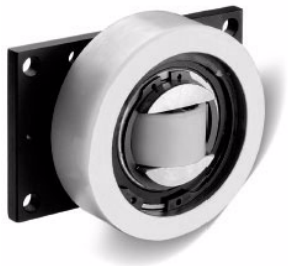
Part No.: W-PA 1012AP Wt. 1.6kg

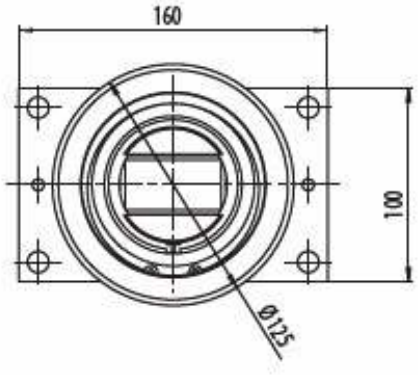


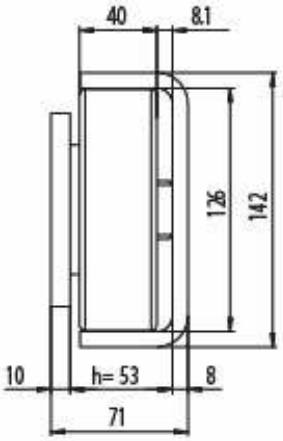




Part No.: W-PA 1250AP Wt. 4.0kg

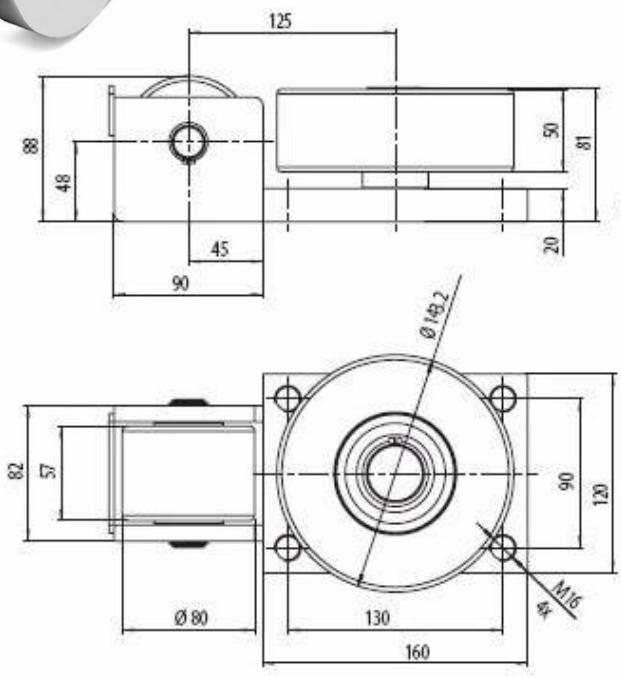


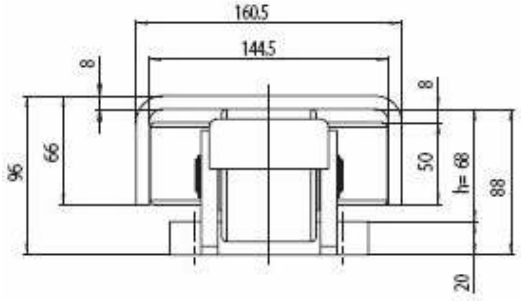


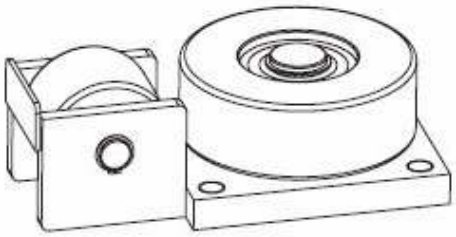


Part No.: W-PA1432 AP Wt. 9.2 kg



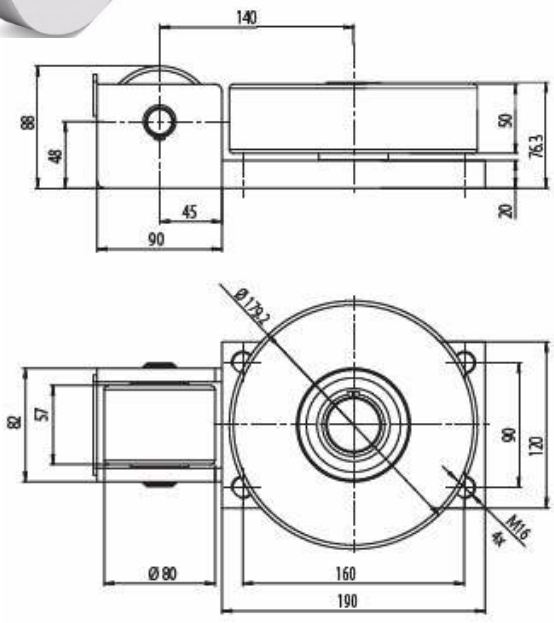


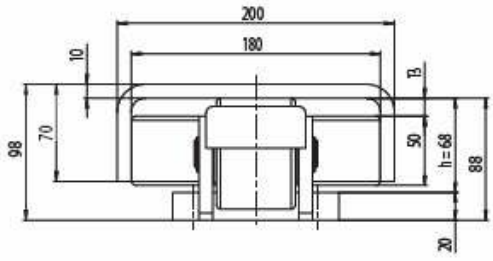


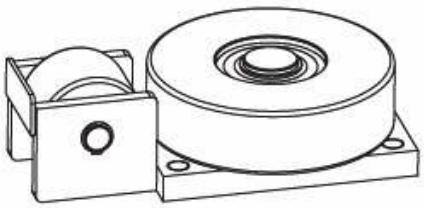


Part No.: W-PA1792 AP Wt. 12.2 kg



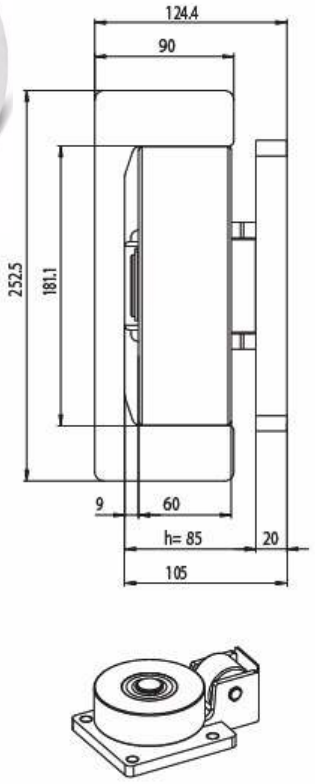


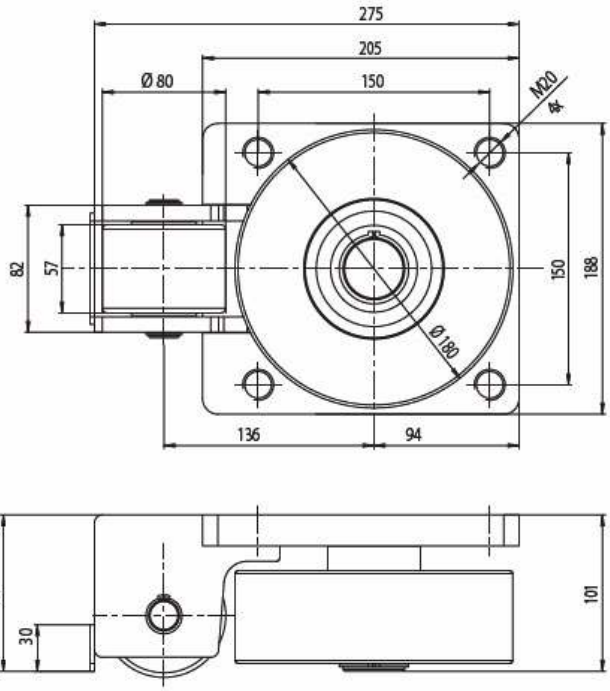




Part No.: W-PA1800 AP Wt. 12.5 kg

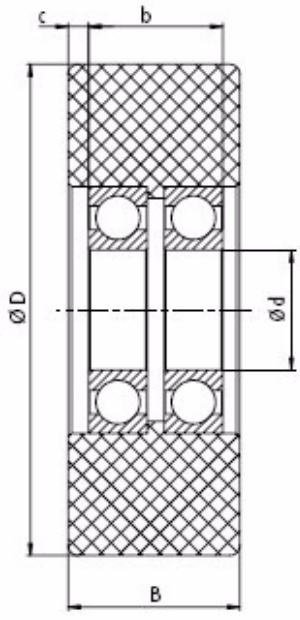






Polyamide Roller with Bearing





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Bearing Part No.	Bearing Size	B mm	b mm	c mm	D mm	d mm	Load Capacity N
W-PA 50/30	Ø 50.0 x 30	30	30	—	50.0	12	1300
W-PA 80/57	Ø 80.0 x 57	57	61	3.0	80.0	20	6000
W-PA 101/25	Ø 101.2 x 25	25	16	4.5	101.2	45	2500
W-PA 125/40	Ø 125.0 x 40	40	40	—	125.0	30	6000
W-PA 143/50	Ø 143.2 x 50	50	38	6.0	143.2	35	8000
W-PA 160/60	Ø 160.0 x 60	60	60	—	160.0	40	13000
W-PA 179/50	Ø 179.2 x 50	50	40	5.0	179.2	40	15000
W-PA 180/60	Ø 180.0 x 60	60	60	—	180.0	40	18000

Note: Working Temperature 40° C.

Chain Selection Criteria

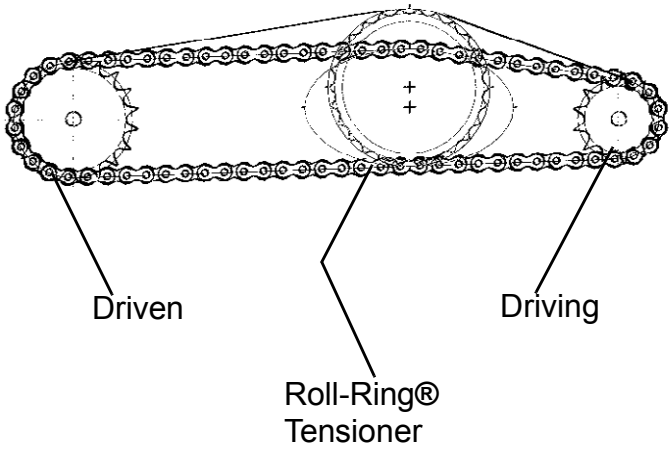
Guide Lines

Information needed for proper chain selection:

- Define Load-Uniform, moderate or heavy shock.
- Horse power to be transmitted.
- Full-load speed of the driving shaft.
- Desired speed of the driven shaft.
- Center distance between shafts adjustment possible.
- Lubrication available.
- Limits on space and position of drive, horizontal, vertical.
- Other conditions such as, type of environment (corrosive), use of idlers, temperatures and wide variations in load and speed, etc.

Selection and Installation

- Speed ratios (Driven : Driver Sprocket) should not exceed 7:1 under normal operating conditions.
- At low speed the smaller driving sprocket can usually operate effectively with 12 to 17 teeth.
- For higher speeds select the smallest pitch chain that will operate effectively under the application load. Also the smaller sprocket should have at least 25 teeth to avoid problems that occur when a chain moving rapidly in a straight line has to suddenly wrap around a small diameter sprocket.
- Chain wrap on the small sprocket must be at least 120°.
- The distance between shafts should be 30 to 50 times the pitch of the chain. When the load is pulsating, the distance of the shafts can be reduced to just 20 times the pitch of the chain.
- Shafts should be parallel and level. The sprockets should be in proper alignment and the chain spans should not touch.
- Chain length should be in even numbers of links. An uneven number of links necessitates the use of an offset link and could reduce the breaking load by approximately 20%. (Connecting links are the weakest points).
- Roller chains are normally installed horizontally. The links that transmit load are the Tension Side, this is usually the top strand. The tension side transmits torque. On the loose side, the slack allowed is approximately 4% of the span. When the center distance between shafts is greater than 3 feet, or the chain is operated under heavy load, high frequency of starts and stops and the direction of drive is changed often, the slackness allowed in the chain should be approximately 2% of the span.
- The angle of inclination can be up to 60° between the drive sprocket and the driven sprocket.
- In vertical drive the amount of slackness should be approximately 2% of the span.
- Tensioners are recommended to keep chain tight, especially when the chain drive is mounted vertically. Idler sprocket tensioners should have at least 3 teeth engaging the chain. When the drive sprocket is mounted on the lower position the tensioning device should be mounted outside the chain span.
- When the drive sprocket is mounted at the upper position the tensioning device should be placed inside the span.
- In applications when a tensioner device is needed, PTI's **Roll-Ring** ® Chain Tensioner may be an option. See section for information on the **Roll-Ring** ® Chain Tensioner.



HP & Torque Required

For sizing chain, it is important to know, the speed, torque and/ or Horse Power the chain is to transmit. Listed below are some helpful Torque and Horse Power equations.

Horsepower:

$$HP = \frac{\text{Force lb x FPM}}{33000} \qquad HP = \frac{\text{Torque (in lb - inches) x rpm}}{63025}$$

$$HP = \frac{\text{Torque (in lb - feet) x rpm}}{5252}$$

Torque:

$$\text{Torque (in lb-inches)} = \frac{63025 \times HP}{rpm} \qquad \text{Torque (in lb-feet)} = \frac{5252 \times HP}{rpm}$$

The chain load should not exceed 10% or 10:1 ratio of the breaking load to application load that is published for the chain. Example: PTI Part No. E50-1 Riv chain has a breaking load of 6,100 lb. The maximum load would be at 10:1 ratio. 6,100lb/10 = 610 lb of load for this chain. For higher loads, use multiple strands or larger chain.

Maintenance and Lubrication

There are generally three methods of lubrication: manual or drip, bath or oil stream. Manual lubrication is preformed with a brush or spout can. It is the least expensive and the least effective. The bath is preformed via directing the chain into a pool at the bottom of an enclosure of the chain. The chain should intersect the oil pool at the chain pins lowest point. The chain should not be completely submerged in the oil. The oil stream has the chain passing through a leak free enclosure where a slinger disc splashes oil onto the chain.

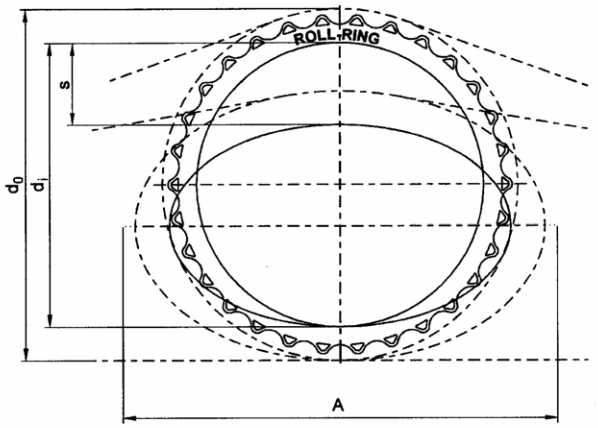
Roll-Ring® Chain Tensioner





Features and Benefits:

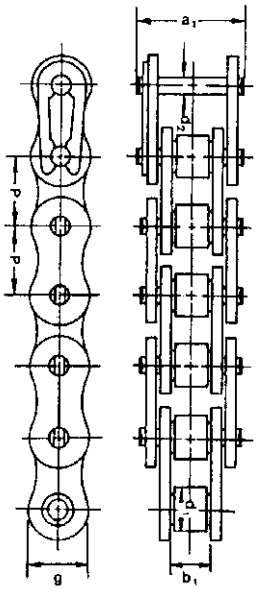
- Maintenance free, self adjusting.
- Extends chain life, keeps chain aligned.
- Installs in just seconds and stays put.
- Dampens chain whip, reducing the wear and noise of the drive.
- Gently maintains chain tension without excessive pressure unlike spring loaded types.
- Great for reversing drives, no adjustments ever.
- Operating temperatures: -4°F to 158°F.
- Sizes: ANSI 35 thru 100 and ISO 05B thru 20B.
- Several diameters in each size to accommodate various sprocket diameters and centers.
- Duplex or triple strand chain? Use two side by side!

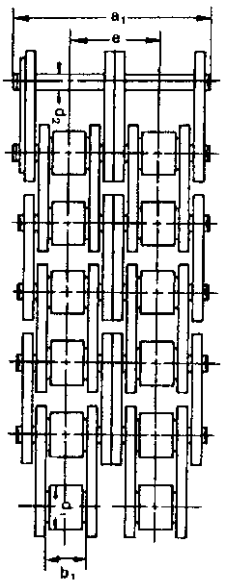


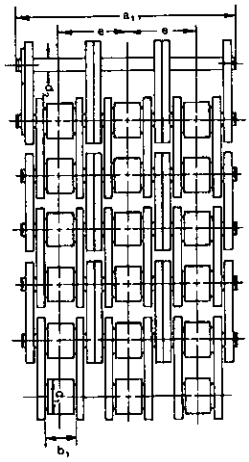
Part No.	Chain Size		Pitch		Article No.	Teeth	d_o	d_i	S	A	D = d_o-s	Expansion Force lb	Max Chain Speed ft/sec
	ISO No.	ANSI No.	mm	in									
RR315M-30	05B	—	8	—	105 030 01	30	3.01	2.56	0.79	4.09	2.23	0.64	16.4
RR375M-30	06B	—	—	.375	106 030 01	30	3.59	2.87	0.98	4.80	2.60	3.34	17.1
RR375M-36	—	35	—	.375	806 030 01	30	3.54	3.02	1.06	4.45	2.48	1.28	17.1
RR375-30	06B	—	—	.375	106 030 01	36	4.29	3.50	0.98	5.63	3.31	6.27	17.1
RR500-26	08B	40	—	.500	108 026 01	26	4.15	3.45	1.06	5.35	3.09	2.95	24.6
RR500-30	08B	40	—	.500	108 030 01	30	4.78	4.00	1.18	6.36	3.60	3.12	28.2
RR500-34	08B	40	—	.500	108 034 01	34	5.41	4.54	1.18	6.50	4.23	4.84	28.9
RR625-26	10B	50	—	.625	110 026 01	26	5.06	4.13	1.10	6.02	3.95	6.20	13.8
RR625-30	10B	50	—	.625	110 030 01	30	5.83	4.91	1.30	6.97	4.53	5.06	28.9
RR625-34	10B	50	—	.625	110 034 01	34	6.69	5.55	1.50	8.54	5.20	9.98	28.9
RR750-26	12B	60	—	.750	112 026 01	26	6.10	5.02	1.38	8.25	4.72	8.62	17.7
RR750-30	12B	60	—	.750	112 030 01	30	7.17	6.03	1.77	9.53	5.40	7.08	20.3
RR750-34	12B	60	—	.750	112 034 01	34	8.17	6.67	1.77	10.43	6.40	15.51	21
RR1000-26	16B	80	—	1.0	116 026 01	26	8.15	6.58	1.77	10.59	6.38	21.05	18.7
RR1000M-30	16B	—	—	1.0	116 030 01	30	9.68	7.95	1.97	12.05	7.71	24.38	20.3
RR1000-30	—	80	—	1.0	816 030 01	30	9.53	7.87	1.97	12.40	7.56	23.15	21.7
RR1250-30	20B	100	—	1.25	120 030 01	30	11.96	10.09	2.56	15.35	9.40	17.71	23

Note: Value “A” includes a safety distance to the sprockets.

Metric (British Standard) Roller Chain
E-Series







Our Precision Roller Chain is manufactured according to British Standard ISO R606B/DIN 8187. These British Standard chains are also available in stainless and nickel plated finishes on request. Chains manufactured to ISO 9002 (Germany) Reg. No. 041003017. Packaged in 5 meter lengths. Some 10 feet lengths and reels also stock. Other lengths on request.

Simplex Roller Chains

Part No.	Pitch		Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Transverse Pitch	Conn Pin Length	Breaking Load	Approx. Weight
	p mm	p in	b_1 min mm	d_1 max. mm	d_2 max. mm	g max. mm	e mm	a_1 max. mm	kN	kg/m
E03B-1 RIV	5.00	-	2.5	3.2	1.49	4.1	—	7.4	2.4	0.08
E04B-1 RIV	6.00	-	2.8	4.0	1.85	5.0	—	7.8	3.2	0.12
E05B-1 RIV	8.00	-	3.0	5.0	2.31	7.1	—	8.9	5.9	0.18
E06B-1 RIV	9.525	-	5.72	6.35	3.28	8.2	—	14.1	10.4	0.41
E081B-1 RIV	12.7	1/2	3.3	7.75	3.66	9.9	—	10.2	9.97	0.28
E083B-1 RIV	12.7	1/2	4.88	7.75	4.09	10.3	—	12.9	12.7	0.42
E085B-1 RIV	12.7	1/2	6.38	7.77	3.58	9.9	—	14.0	12.26	0.4
E08B-1 RIV	12.7	1/2	7.75	8.51	4.45	11.8	—	18.2	19.4	0.7
E10B-1 RIV	15.875	5/8	9.65	10.16	5.08	14.7	—	20.9	27.5	0.9
E12B-1 RIV	19.05	3/4	11.68	12.07	5.72	16.0	—	24.2	32.2	1.3
E12 H-1 RIV*	19.05	3/4	11.68	12.07	5.94	16.0	—	26.8	40.0	2.0
E16B-1 RIV	25.4	1	17.02	15.88	8.28	21.0	—	37.4	72.8	2.7
E20B-1 RIV	31.75	1-1/4	19.56	19.05	10.19	26.4	—	45.0	106.7	3.6
E24B-1 RIV	38.1	1-1/2	25.4	25.4	14.63	33.4	—	57.8	178.0	6.7
E28B-1 RIV	44.45	1-3/4	30.99	27.94	15.90	37.0	—	29.5	222.0	8.3
E32B-1 RIV	50.8	2	30.99	29.21	17.81	42.2	—	71.0	277.5	10.5
E40B-1 RIV	63.5	2-1/2	38.1	39.37	22.89	52.9	—	89.2	394.0	16.0
E48B-1 RIV	76.2	3	45.72	48.26	29.24	63.8	—	107.0	621.6	25.0
E56B-1 RIV	88.9	3-1/2	53.34	53.98	34.32	77.8	—	123.0	940.0	35.0

*** Heavy Duty Version**

Duplex Roller Chains

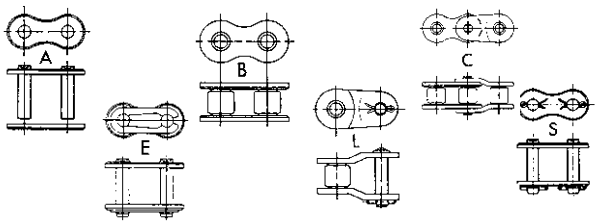
E04B-2 RIV	6.00	-	2.8	4.0	1.85	5.0	5.50	13.3	5.8	0.23
E05B-2 RIV	8.00	-	3.0	5.0	2.31	7.1	5.64	14.5	10.2	0.36
E06B-2 RIV	9.525	-	5.72	6.35	3.28	8.2	10.24	24.4	18.7	0.8
E08B-2 RIV	12.7	1/2	7.75	8.51	4.45	11.8	13.92	32.2	38.7	1.0
E10B-2 RIV	15.875	5/8	9.65	10.16	5.08	14.7	16.59	37.5	56.2	1.8
E12B-2 RIV	19.05	3/4	11.68	12.07	5.72	16.1	19.46	43.6	66.1	2.5
E16B-2 RIV	25.4	1	17.02	15.88	8.28	21.0	31.88	69.3	133.0	5.4
E20B-2 RIV	31.75	1-1/4	19.56	19.05	10.19	26.4	36.45	81.5	211.2	7.2
E24B-2 RIV	38.1	1-1/2	25.4	25.4	14.63	33.4	48.36	106.2	319.2	13.5
E28B-2 RIV	44.45	1-3/4	30.99	27.94	15.90	37.0	59.56	129.1	406.8	16.6
E32B-2 RIV	50.8	2	30.99	29.21	17.81	42.2	58.55	129.6	508.5	21.0
E40B-2 RIV	63.5	2-1/2	38.1	39.37	22.89	52.9	72.29	161.5	711.9	32.0
E48B-2 RIV	7.62	3	45.72	48.26	29.24	63.8	91.21	198.2	1130.0	50.0
E56B-2 RIV	88.9	3-1/2	53.34	53.98	34.32	77.8	106.60	229.6	1760.0	70.0

Triplex Roller Chains

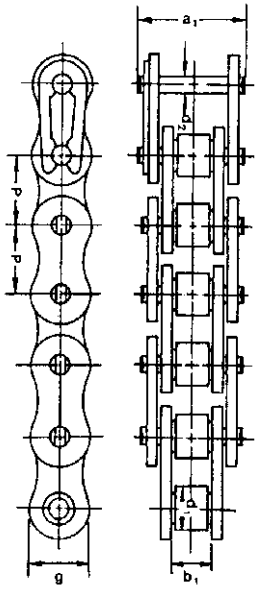
E05B-3 RIV	8.00	-	3.00	5.0	2.31	7.1	5.64	20.2	13.8	0.5
E06B-3 RIV	9.525	-	5.72	6.35	3.28	8.2	10.24	34.6	30.1	1.0
E08B-3 RIV	12.7	1/2	7.75	8.51	4.45	11.8	13.92	46.1	57.8	2.0
E10B-3 RIV	15.875	5/8	9.65	10.16	5.08	14.7	16.59	54.1	84.5	2.8
E12B-3 RIV	19.05	3/4	11.68	12.07	5.72	16.1	19.46	63.1	101.8	3.8
E16B-3 RIV	25.4	1	17.02	15.88	8.28	21.0	31.88	101.2	203.7	8.0
E20B-3 RIV	31.75	1-1/4	19.56	19.05	10.19	26.4	36.45	117.9	290.0	11.0
E24B-3 RIV	38.1	1-1/2	25.4	25.4	14.63	33.4	48.36	154.6	493.0	21.0
E28B-3 RIV	44.45	1-3/4	30.99	27.94	15.90	37.0	59.56	188.7	609.5	25.0
E32B-3 RIV	50.8	2	30.99	29.21	17.81	42.2	58.55	188.2	770.5	32.0
E40B-3 RIV	63.5	2-1/2	38.1	39.37	22.89	52.9	72.29	233.8	1092.5	48.0
E48B-3 RIV	76.2	3	45.72	48.26	29.24	63.8	91.21	289.4	1710.0	75.0

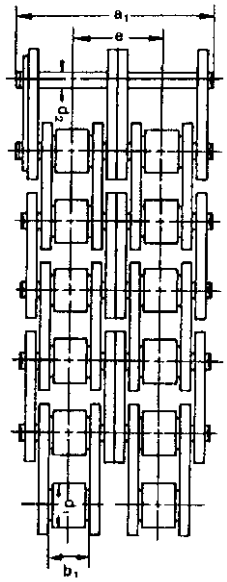
Connecting Links

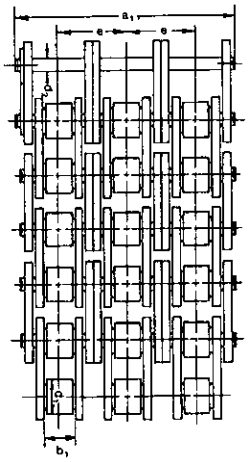
A - Riveting Outer Link
B - Roller Link (Inner Link)
C - Double Offset Link
E - Spring Clip Conn. Link
L - Single Offset Link (Half Link)
S - Cottered Conn. Link



ANSI Roller Chain
E-Series







Our Precision Roller Chain is manufactured according to American Standard ISO R606A/ DIN 8188/ANSI B29.1. Most chain sizes are also available in stainless and nickel plated finishes.

Chains manufactured to ISO 9002 (Germany). Reg. No. 041003017. Packaged in 10 feet lengths with connecting link. 50 feet lengths also available. Other lengths on request.

Simplex Roller Chains

Part No.	Pitch p in	Inner Width b_1 min in	Roller Dia. d_1 max. in	Pin Dia. d_2 max. in	Plate Depth g max. in	Transverse Pitch e in	Conn Pin Length a_1 max. in	Breaking Load lb	Approx. Weight lb/ft
E25-1 RIV	1/4	.125	.130	.091	.230	—	.340	795	0.09
E35-1 RIV	3/8	.187	.200	.141	.344	—	.514	1795	0.23
E40-1 RIV	1/2	.312	.312	.156	.468	—	.687	3205	0.41
E41-1 RIV	1/2	.250	.306	.141	.390	—	.630	1516	0.28
E50-1 RIV	5/8	.375	.400	.200	.571	—	.850	5045	0.69
E60-1 RIV	3/4	.500	.468	.234	.679	—	1.060	7227	1.04
E80-1 RIV	1	.625	.625	.312	.908	—	1.405	12886	1.77
E100-1 RIV	1-1/4	.750	.750	.375	1.125	—	1.680	20114	2.59
E120-1 RIV	1-1/2	1.000	.875	.437	1.344	—	2.081	28864	4.05
E140-1 RIV	1-3/4	1.000	1.000	.500	1.625	—	2.250	39182	5.10
E160-1 RIV	2	1.250	1.125	.562	1.875	—	2.667	51545	6.85
E180-1 RIV	2-1/4	1.400	1.406	.687	2.110	—	3.095	63682	9.00
E200-1 RIV	2-1/2	1.500	1.562	.781	2.250	—	3.383	80409	10.2
E240-1 RIV	3	1.875	1.875	.937	2.850	—	4.201	115977	16.5

Heavy

E60H-1 RIV	3/4	.500	.468	.234	.679	—	1.186	8500	1.25
E80H-1 RIV	1	.625	.625	.312	.908	—	1.529	14500	2.00
E100H-1 RIV	1-1/4	.750	.750	.375	1.125	—	1.804	24000	3.10
E120H-1 RIV	1-1/2	1.000	.875	.437	1.344	—	2.205	34000	4.40
E140H-1 RIV	1-3/4	1.000	1.000	.500	1.625	—	2.374	46000	5.40
E160H-1 RIV	2	1.250	1.125	.562	1.875	—	2.791	58000	7.10

Duplex Roller Chains

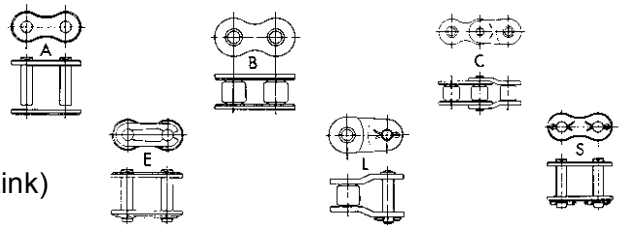
E25-2 RIV	1/4	.125	.130	.091	.230	.252	.591	1560	0.18
E35-2 RIV	3/8	.187	.200	.141	.344	.399	.913	42000	0.46
E40-2 RIV	1/2	.312	.312	.156	.468	.566	1.253	7400	0.82
E50-2 RIV	5/8	.375	.400	.200	.571	.713	1.563	12200	1.38
E60-2 RIV	3/4	.500	.468	.234	.697	.898	1.958	17000	2.08
E80-2 RIV	1	.625	.625	.312	.908	1.152	2.557	29000	3.54
E100-2 RIV	1-1/4	.750	.750	.375	1.125	1.408	3.088	48000	5.18
E120-2 RIV	1-1/2	1.000	.875	.437	1.344	1.788	3.869	68000	8.10
E140-2 RIV	1-3/4	1.000	1.000	.500	1.625	1.924	4.174	92000	10.2
E160-2 RIV	2	1.250	1.125	.562	1.875	2.304	4.971	116000	13.7
E200-2 RIV	2-1/2	1.5000	1.562	.781	2.250	2.816	6.199	190000	21.0

Triplex Roller Chains

E25-3 RIV	1/4	.125	.130	.091	.230	.252	.882	2640	0.27
E35-3 RIV	3/8	.187	.200	.141	.344	.399	1.312	6300	0.69
E40-3 RIV	1/2	.312	.312	.156	.468	.566	1.819	11100	1.23
E50-3 RIV	5/8	.375	.400	.200	.571	.713	2.276	18300	2.07
E60-3 RIV	3/4	.500	.468	.234	.679	.898	2.856	25500	3.12
E80-3 RIV	1	.625	.625	.312	.908	1.152	3.709	43500	5.31
E100-3 RIV	1-1/4	.750	.750	.375	1.125	1.408	4.496	72000	7.77
E120-3 RIV	1-1/2	1.000	.875	.437	1.344	1.788	5.657	102000	12.15
E140-3 RIV	1-3/4	1.000	1.000	.500	1.625	1.924	6.098	138000	15.3
E160-3 RIV	2	1.250	1.125	.562	1.875	2.304	7.275	174000	20.55

Connecting Links

A - Riveting Outer Link
B - Roller Link (Inner Link)
C - Double Offset Link
E - Spring Clip Conn. Link
L - Single Offset Link (Half Link)
S - Cottered Conn. Link

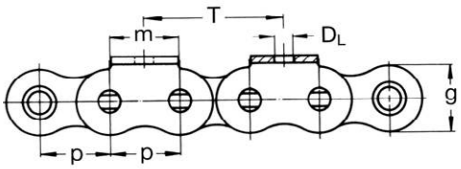


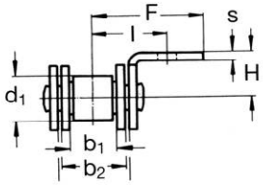
Metric Attachment Chain

E-Series - Din 8187-1/ISO 606



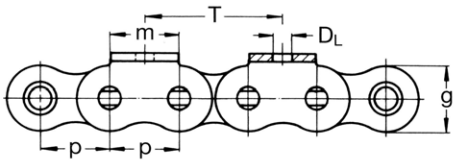
A1 - Bent Tab, 1 Hole, 1 Side

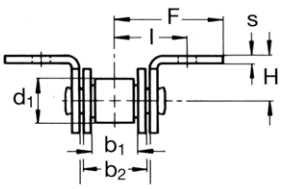




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - A1
06B-1	E06B-1 CL - A1
08B-1	E08B-1 CL - A1
10B-1	E10B-1 CL - A1
12B-1	E12B-1 CL - A1
16B-1	E16B-1 CL - A1
20B-1	E20B-1 CL - A1
24B-1	E24B-1 CL - A1

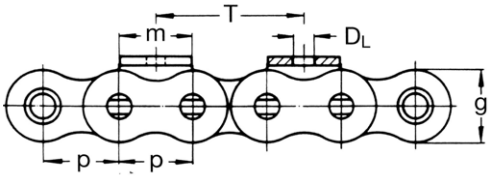
K1 - Bent Tab, 1 Hole, 2 Sides

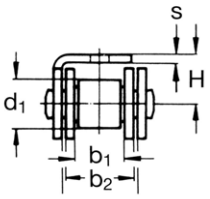




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - K1
06B-1	E06B-1 CL - K1
08B-1	E08B-1 CL - K1
10B-1	E10B-1 CL - K1
12B-1	E12B-1 CL - K1
16B-1	E16B-1 CL - K1
20B-1	E20B-1 CL - K1
24B-1	E24B-1 CL - K1

R1 - Bent Tab, Reversed 1 Hole





Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - R1
06B-1	E06B-1 CL - R1
08B-1	E08B-1 CL - R1
10B-1	E10B-1 CL - R1
12B-1	E12B-1 CL - R1
16B-1	E16B-1 CL - R1
20B-1	E20B-1 CL - R1
24B-1	E24B-1 CL - R1

T = 2p as shown, other spacing as required.

Chain Size	Pitch p		Inner Width	Inner Link Width	Roller Dia.	Plate Height	Breaking Load DIN	Attachment Dimensions					
	mm	in	b_1 min mm	b_2 max mm	d_1 min mm	g max. mm	F_B min	m mm	D_L mm	l mm	F mm	H mm	S mm
05B-1	8	—	3.00	4.77	5.00	7.1	5,000	8.0	3.20	6.6	12.0	5.0	0.80
06B-1*	9.525	3/8	5.72	8.53	6.53	6.53	9,000	8.0	3.50	9.5	13.5	6.5	1.25
08B-1	12.7	1/2	7.75	11.30	8.51	11.8	18,000	12.5	4.50	13.1	19.0	10.0	1.50
10B-1	15.875	5/8	9.65	13.28	10.16	14.7	22,400	15.0	5.50	16.7	27.0	10.0	1.70
12B-1	19.05	3/4	11.68	15.62	12.07	16.1	29,000	18.5	6.60	18.6	29.0	11.0	1.80
16B-1	25.4	1	17.02	25.40	15.88	21.0	60,000	25.0	9.00	28.9	41.8	18.0	3.00
20B-1	31.75	1/4	19.56	29.00	19.05	26.4	95,000	35.0	9.00	33.4	50.0	18.0	3.75
24B-1	38.1	1/2	25.40	37.90	25.40	33.4	160,000	38.0	11.00	44.0	64.0	25.0	5.00

* With straight side plates only.

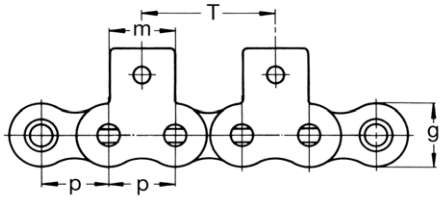
Note: The above attachments are Connecting Type Links for simple assembly by the equipment user. Chain with riveted attachments can be assembled to order at PTI in Charlotte. Inner Links with attachments, although not as common, are also possible from production. For custom chains, please detail the requirements on the Attachment Detail page.

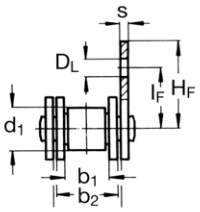
Metric Attachment Chain

E-Series - Din 8187-1/ISO 606



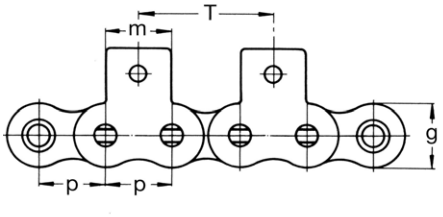
SA1 = Straight Attachment, 1 Hole, 1 Side

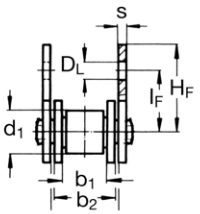




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - SA1
06B-1	E06B-1 CL - SA1
08B-1	E08B-1 CL - SA1
10B-1	E10B-1 CL - SA1
12B-1	E12B-1 CL - SA1
16B-1	E16B-1 CL - SA1
20B-1	E20B-1 CL - SA1
24B-1	E24B-1 CL - SA1

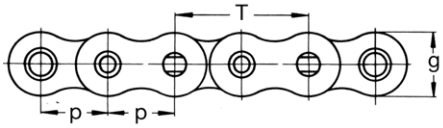
SK1 = Straight Attachment, 1 Hole, 2 Sides

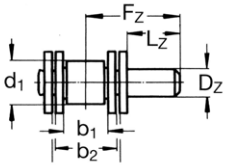




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - SK1
06B-1	E06B-1 CL - SK1
08B-1	E08B-1 CL - SK1
10B-1	E10B-1 CL - SK1
12B-1	E12B-1 CL - SK1
16B-1	E16B-1 CL - SK1
20B-1	E20B-1 CL - SK1
24B-1	E24B-1 CL - SK1

EP1 = Extended Pin, 1 Side





T = 2p as shown, other spacing as required.

Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - EP1
06B-1	E06B-1 CL - EP1
08B-1	E08B-1 CL - EP1
10B-1	E10B-1 CL - EP1
12B-1	E12B-1 CL - EP1
16B-1	E16B-1 CL - EP1
20B-1	E20B-1 CL - EP1
24B-1	E24B-1 CL - EP1

Chain Size	Pitch p		Inner Width	Inner Link Width	Roller Dia.	Plate Height	Breaking Load DIN	Attachment Dimensions							
	mm	in	b_1 min mm	b_2 max mm	d_1 min mm	g max. mm	F_B min	m mm	D_L mm	I_F mm	H_F mm	S mm	D_Z h9	L_Z**	F_Z
05B-1	8	—	3.00	4.77	5.00	7.1	5,000	8.0	3.00	7.5	13.0	0.80	4.0	10	13.3
06B-1*	9.525	3/8	5.72	8.53	6.53	6.53	9,000	8.0	3.50	9.0	13.8	1.25	5.0	15	20.7
08B-1	12.7	1/2	7.75	11.30	8.51	11.8	18,000	12.5	4.50	14.7	20.3	1.50	6.0	15	22.4
10B-1	15.875	5/8	9.65	13.28	10.16	14.7	22,400	15.0	5.50	17.2	26.7	1.70	6.5	20	28.5
12B-1	19.05	3/4	11.68	15.62	12.07	16.1	29,000	18.5	6.60	18.7	29.0	1.80	7.0	20	29.8
16B-1	25.4	1	17.02	25.40	15.88	21.0	60,000	25.0	9.00	28.6	41.5	3.00	10.0	30	45.9
20B-1	31.75	1/4	19.56	29.00	19.05	26.4	95,000	35.0	9.00	30.5	45.7	3.75	12.0	30	48.4
24B-1	38.1	1/2	25.40	37.90	25.40	33.4	160,000	38.0	11.00	41.0	60.0	5.00	16.0	35	59.1

* With straight side plates only. ** Other lengths on request.

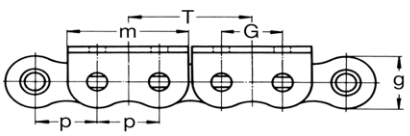
Note: The above attachments are Connecting Type Links for simple assembly by the equipment user. Chain with riveted attachments can be assembled to order at PTI in Charlotte. Inner Links with attachments, although not as common, are also possible from production. For custom chains, please detail the requirements on the Attachment Detail page.

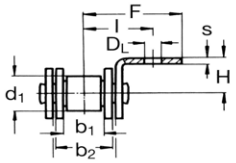
Metric Attachment Chain

E-Series - Din 8187-1/ISO 606



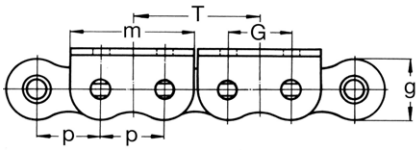
A2 = Bent Tab, 2 Holes, 1 Side

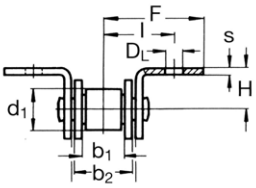




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - A2
06B-1	E06B-1 CL - A2
08B-1	E08B-1 CL - A2
10B-1	E10B-1 CL - A2
12B-1	E12B-1 CL - A2
16B-1	E16B-1 CL - A2
20B-1	E20B-1 CL - A2
24B-1	E24B-1 CL - A2

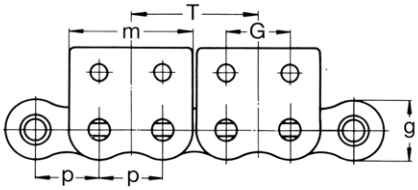
K2 = Bent Tab, 2 Holes, 2 Sides

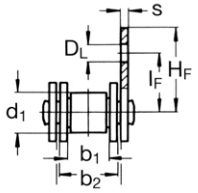




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - K2
06B-1	E06B-1 CL - K2
08B-1	E08B-1 CL - K2
10B-1	E10B-1 CL - K2
12B-1	E12B-1 CL - K2
16B-1	E16B-1 CL - K2
20B-1	E20B-1 CL - K2
24B-1	E24B-1 CL - K2

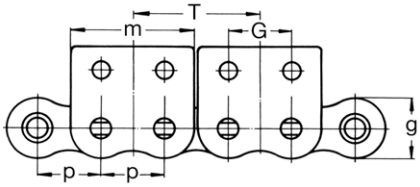
SA2 = Straight Attachment, 2 Holes, 1 Side

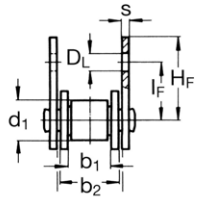




Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - SA2
06B-1	E06B-1 CL - SA2
08B-1	E08B-1 CL - SA2
10B-1	E10B-1 CL - SA2
12B-1	E12B-1 CL - SA2
16B-1	E16B-1 CL - SA2
20B-1	E20B-1 CL - SA2
24B-1	E24B-1 CL - SA2

SK2 = Straight Attachment, 2 Holes, 2 Sides





T = 2p as shown, other spacing as required.

Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 CL - SK2
06B-1	E06B-1 CL - SK2
08B-1	E08B-1 CL - SK2
10B-1	E10B-1 CL - SK2
12B-1	E12B-1 CL - SK2
16B-1	E16B-1 CL - SK2
20B-1	E20B-1 CL - SK2
24B-1	E24B-1 CL - SK2

Chain Size	Pitch p		Inner Width	Inner Link Width	Roller Dia.	Plate Height	Breaking Load DIN	Attachment Dimensions								
	mm	in	b_1 min mm	b_2 max mm	d_1 min mm	g max. mm	F_B min	m mm	D_L mm	G mm	l mm	F mm	H mm	I_F mm	H_F mm	S mm
06B-1*	9.525	3/8	5.72	8.53	6.53	8.2	9,000	18.2	3.20	9.525	9.8	13.2	5.7	9.2	12.6	1.25
08B-1	12.7	1/2	7.75	11.30	8.51	11.8	18,000	23.2	4.50	12.7	13.1	19.0	10.0	14.7	20.3	1.50
10B-1	15.875	5/8	9.65	13.28	10.16	14.7	22,400	28.5	5.50	15.9	16.7	27.0	10.0	17.2	26.7	1.70
12B-1	19.05	3/4	11.68	15.62	12.07	16.1	29,000	33.6	6.60	19.1	18.6	29.0	11.0	18.7	29.0	1.80
16B-1	25.4	1	17.02	25.40	15.88	21.0	60,000	46.5	9.00	25.4	28.9	42.0	18.0	28.6	41.5	3.00
20B-1	31.75	1/4	19.56	29.00	19.05	26.4	95,000	55.7	9.00	31.75	33.4	50.0	18.0	30.5	45.7	3.75
24B-1	38.1	1/2	25.40	37.90	25.40	33.4	160,000	77.0	11.00	38.1	44.0	63.0	25.0	41.0	60.0	5.00

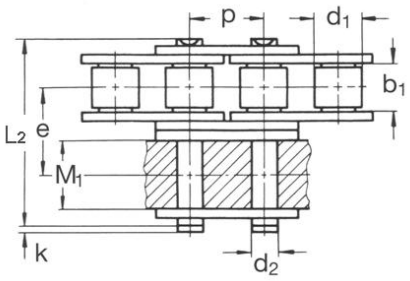
* With Straight side Plates Only.

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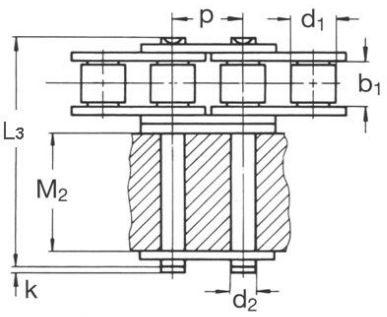
Metric Attachment Chain

Extended Pins

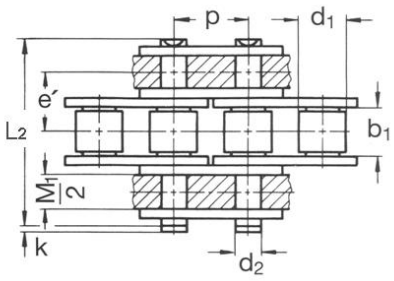
Simplex Chain
with Duplex Connecting Link



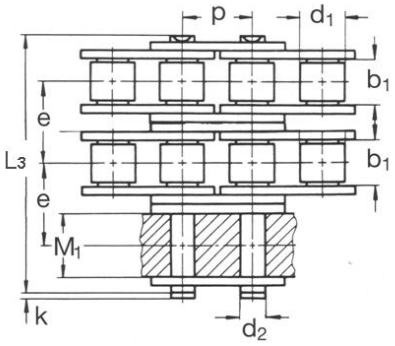
Simplex Chain
with Triplex Connecting Link



Simplex Chain
with Duplex Connecting Link

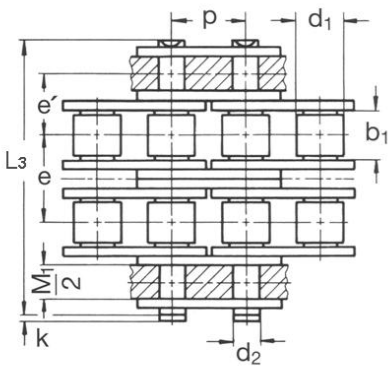


Duplex Chain
with Triplex Connecting Link





Duplex Chain
with Triplex Connecting Link



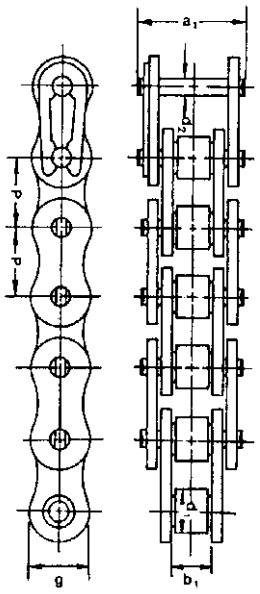
Dimensions in mm

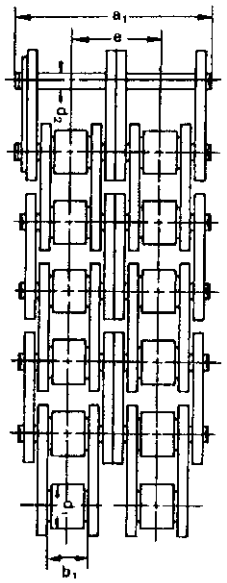
Chain Size	Pitch p		Inner Width	Roller Dia.	Pin	Tranverse Pitch		Attachment Width		Projection over Connecting Link	Pin Length	
	mm	in	b_1 min mm	d_1 min mm	d_2 max. mm	e	e´	M_1 max. mm	M_2 max. mm	k max	L_2 max. mm	L_3 max. mm
06B-1	9.525	3/8	5.72	6.35	3.28	10.24	7.24	8.5	—	3.3	23.8	—
06B-2	9.525	3/8	5.72	6.35	3.28	10.24	7.24	8.5	—	3.3	—	34.0
08B-1	12.7	1/2	7.75	8351	4.45	13.92	10.10	11.3	25.6	3.9	31.0	—
08B-2	12.7	1/2	7.75	8.51	4.45	13.92	10.10	11.3	—	3.9	—	44.9
10B-1	15.875	5/8	9.65	10.16	5.08	16.59	11.62	13.3	30.0	4.1	36.2	—
10B-2	15.875	5/8	9.65	10.16	5.08	16.59	11.62	13.3	—	4.1	—	52.8
12B-1	19.05	3/4	11.68	12.07	5.72	19.46	13.63	15.6	34.8	4.6	42.2	—
12B-2	19.05	3/4	11.68	12.07	5.72	19.46	13.63	15.6	—	4.6	—	61.7
16B-1	25.4	1	17.02	15.88	8.28	31.88	22.30	25.4	56.8	5.4	68.0	—
16B-2	25.4	1	17.02	15.88	8.28	31.88	22.30	25.4	—	5.4	—	99.9

Note: All designs can also be supplied as Marathon roller chains (maintenance free) or Stainless Steel.

Stainless Steel Roller Chain

E-Series





Stainless Steel Roller Chain according to industry standards: Metric - DIN 8187 and ANSI 8188. SS material AISI 304. Metric sizes packaged in 5 meter lengths. ANSI sizes in 10 feet lengths. Other lengths on request.

ANSI Stainless Steel Roller Chains

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Transverse Pitch	Conn Pin Length	Breaking Load	Approx. Weight
	p in	b_1 min in	d_1 max. in	d_2 max. in	g max. in	e in	a_1 max. in	lb	lb/ft
E25-1SS	1/4	.125	.130	.091	.230	—	0.331	568	0.09
E35-1SS	3/8	.188	.200	.141	.354	—	0.519	1250	0.22
E40-1SS	1/2	.312	.312	.156	.472	—	0.701	2182	0.41
E41-1SS	1/2	.250	.306	.141	.386	—	0.591	1360	0.27
E50-1SS	5/8	.375	.400	.200	.591	—	0.874	3455	0.68
E60-1SS	3/4	.500	.469	.234	.713	—	1.091	4932	0.94
E80-1SS	1	.625	.625	.312	.949	—	1.378	8841	1.65

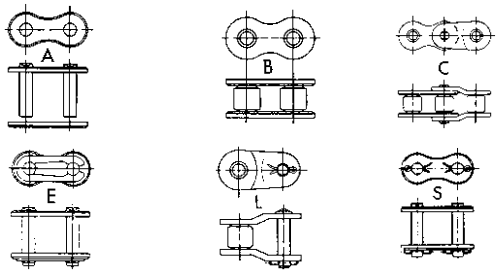
Metric (British Standard) Stainless Steel Roller Chains

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Transverse Pitch	Conn Pin Length	Breaking Load	Approx. Weight
	p mm	b_1 min mm	d_1 max. mm	d_2 max. mm	g max. mm	e mm	a_1 max. mm	kN	kg/m
E05B-1SS	8.0	3.0	5.0	2.31	7.1	—	8.9	3.5	0.18
E06B-1SS	9.525	5.72	6.35	3.28	8.2	—	14.1	6.2	0.41
E08B-1SS	12.7	7.75	8.51	4.45	11.8	—	18.2	12.0	0.70
E10B-1SS	15.875	9.65	10.16	5.08	14.7	—	20.9	14.5	0.95
E12B-1SS	19.05	11.68	12.07	5.72	16.1	—	24.2	18.5	1.25
E16B-1SS	25.4	17.02	15.88	8.28	21.0	—	37.4	40.0	2.70
E20B-1SS	31.75	19.56	19.05	10.19	26.4	—	45.0	59.0	3.6
E06B-2SS	9.525	5.72	6.35	3.28	8.2	10.24	24.4	14.0	0.78
E08B-2SS	12.7	7.75	8.51	4.45	11.8	13.92	32.2	24.0	1.35
E10B-2SS	15.875	9.65	10.16	5.08	14.7	16.59	37.5	29.0	1.80
E12B-2SS	19.05	11.68	12.07	5.72	16.1	19.46	43.6	37.0	2.50
E16B-2SS	25.4	17.02	15.88	8.28	21.0	31.88	69.3	80.0	5.40

Note: Other sizes available on request.

Connecting Links

A - Riveting Outer Link
B - Roller Link (Inner Link)
C - Double Offset Link
E - Spring Clip Conn. Link
L - Single Offset Link (Half Link)
S - Cottered Conn. Link



Nickel Plated Roller Chains

Metric (British Standard) and ANSI nickel plated chains can be ordered as follows using the part numbers referenced. Dimensions are the same as the standard.

ANSI Nickel Plated	
Single	Double
E25-1NP RIV	E25-2NP RIV
E35-1NP RIV	E35-2NP RIV
E40-1NP RIV	E40-2NP RIV
E41-1NP RIV	—
E50-1NP RIV	E50-2NP RIV
E60-1NP RIV	E60-2NP RIV
E80-1NP RIV	E80-2NP RIV
E100-1NP RIV	E100-2NP RIV
E120-1NP RIV	E120-2NP RIV
E140-1NP RIV	E140-2NP RIV
E160-1NP RIV	E160-2NP RIV

Other sizes available on request.

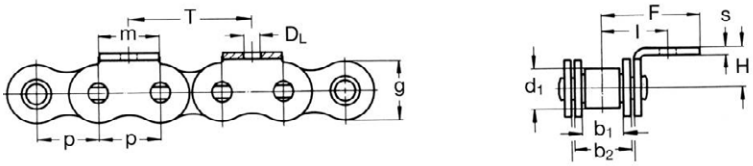
Metric Nickel Plated	
Single	Double
E04B-1NP RIV	—
E05B-1NP RIV	E05B-2NP RIV
E06B-1NP RIV	E06B-2NP RIV
E08B-1NP RIV	E08B-2NP RIV
E10B-1NP RIV	E10B-2NP RIV
E12B-1NP RIV	E12B-2NP RIV
E16B-1NP RIV	E16B-2NP RIV
E20B-1NP RIV	E20B-2NP RIV
E24B-1NP RIV	E24B-2NP RIV
E28B-1NP RIV	E28B-2NP RIV

Metric Stainless Attachment Chain

E-Series

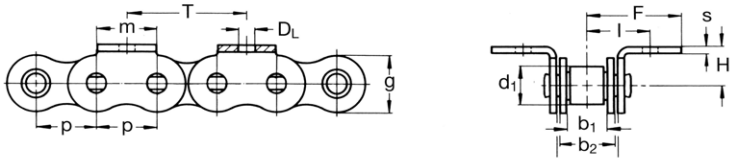


A1 = Stainless Bent Tab, 1 Hole, 1 Side



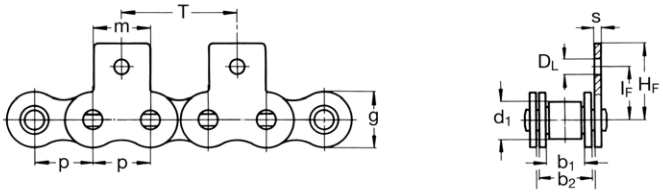
Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 SS CL - A1
06B-1	E06B-1 SS CL - A1
08B-1	E08B-1 SS CL - A1
10B-1	E10B-1 SS CL - A1
12B-1	E12B-1 SS CL - A1
16B-1	E16B-1 SS CL - A1

K1 = Stainless Bent Tab, 1 Hole, 2 Sides



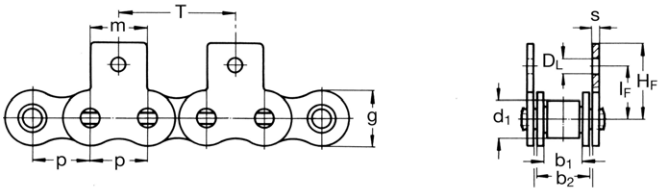
Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 SS CL - K1
06B-1	E06B-1 SS CL - K1
08B-1	E08B-1 SS CL - K1
10B-1	E10B-1 SS CL - K1
12B-1	E12B-1 SS CL - K1
16B-1	E16B-1 SS CL - K1

SA1 = Stainless Straight Plate, 1 Hole, 1 Side



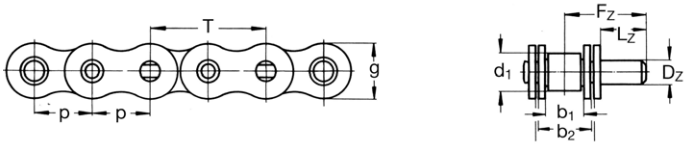
Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 SS CL - SA1
06B-1	E06B-1 SS CL - SA1
08B-1	E08B-1 SS CL - SA1
10B-1	E10B-1 SS CL - SA1
12B-1	E12B-1 SS CL - SA1
16B-1	E16B-1 SS CL - SA1

SK1 = Stainless Straight Plate, 1 Hole, 2 Sides



Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 SS CL - SK1
06B-1	E06B-1 SS CL - SK1
08B-1	E08B-1 SS CL - SK1
10B-1	E10B-1 SS CL - SK1
12B-1	E12B-1 SS CL - SK1
16B-1	E16B-1 SS CL - SK1

EP1 = Stainless Extended Pin



T = 2p as shown, other spacing as required.

Chain Size	Attachment Connecting Link Part No.
05B-1	E05B-1 SS CL - EP1
06B-1	E06B-1 SS CL - EP1
08B-1	E08B-1 SS CL - EP1
10B-1	E10B-1 SS CL - EP1
12B-1	E12B-1 SS CL - EP1
16B-1	E16B-1 SS CL - EP1

Chain Size	Pitch p		Inner Width	Inner Link Width	Roller Dia.	Plate Height	Attachment Dimensions										
	mm	in	b_1 min mm	b_2 max mm	d_1 min mm	g max. mm	m mm	D_L mm	l mm	F mm	H mm	l_F mm	H_F mm	S mm	D_Z h9	L_Z mm	F_Z mm
05B-1	8	—	3.00	4.77	5.00	7.1	8.0	3.20	6.6	12.0	5.0	7.5	13.0	0.80	4.0	10	13.3
06B-1*	9.525	3/8	5.72	8.53	6.35	8.2	8.0	3.50	9.5	13.5	6.5	9.0	13.4	1.25	5.0	15	20.7
08B-1	12.7	1/2	7.75	11.30	8.51	11.8	12.5	4.50	13.1	19.0	10.0	14.7	20.3	1.60	6.0	15	22.4
10B-1	15.875	5/8	9.65	13.28	10.16	14.7	15.0	5.50	16.7	27.0	10.0	17.2	26.7	1.70	6.5	20	28.5
12B-1	19.5	3/4	11.68	15.62	12.07	16.1	18.5	6.60	18.5	29.0	11.0	18.7	29.0	1.80	7.0	20	29.8
16B-1	25.4	1	17.02	25.40	15.88	21.0	25.0	10.00	28.9	41.5	18.0	41.8	28.6	3.00	10.0	30	45.9

* With straight side plates only.

Note: The above attachments are Connecting Type Links for simple assembly by the equipment user. Chain with riveted attachments can be assembled to order at PTI in Charlotte. Inner Links with attachments, although not as common, are also possible from production. For custom chains, please detail the requirements on the Attachment Detail page.

Attachment Chain Worksheet

Overview

Attachment Chain is unique to the machine or application. The position and type of links are important. If a drawing exists of the chain, this will be adequate to produce a replacement. If no drawing is available, completing the following detail will help determine the replacement chain requirements.

European or Metric Chain is produced according to an ISO / DIN Standard. Attachments of different European brands may have slight dimensional differences. Frequently these small differences may not be critical. The details below will identify important parameters. Therefore if a brand of chain can be identified on a side plate marking, this will assist our Sales Department for an exact match. Brand attachments may have slight dimensional differences and DIN attachments are generally considered universal attachments. PTI Sales will assist you with this detail and/or comparison.

On a Bent Tab Attachment for instance, the distance of the Tab Hole from the chain center line or the height of the Tab may be important. All of these comparable dimensions between brands are similar and should be considered. Application requirements may also be a determining factor as to which dimensions are critical to duplicate.

Attachment Types

PTI stocks Attachment Links that are Connecting Links. These Links can be used to custom assemble or repair an Attachment Chain. PTI also stocks Riveting Attachment Links that allow an Attachment Chain to be produced rather quickly and to be a continuous riveted chain with one or no master links. Our production capability in Europe will also produce these custom chains, especially when long strands, volume or delivery time allows.

Attachments are most commonly part of the chain outer links. Similar or matching links are also possible on the Inner or Roller Link. These types are less common, but considered standard. So please detail requirements carefully. Lastly, as a guide, if you prefer that PTI help identify the attachment details, we can issue a Return of Goods Shipping Number for you to send us a sample of the chain.

Application:

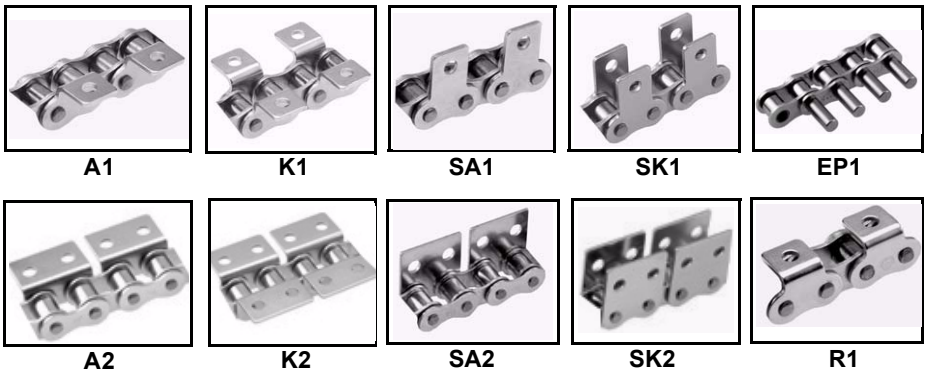
Chain Size or Pitch: Single, Double, Triple, Brand or Drawing (if available):_____

Material requirements: Steel, Stainless Steel, Nickel Plated, Marathon Lube Free, Marathon Stainless Lube Free, Other:_____

Length of strands: Feet or Meters or total number of links: _____

Total number of Strands and other details:_____

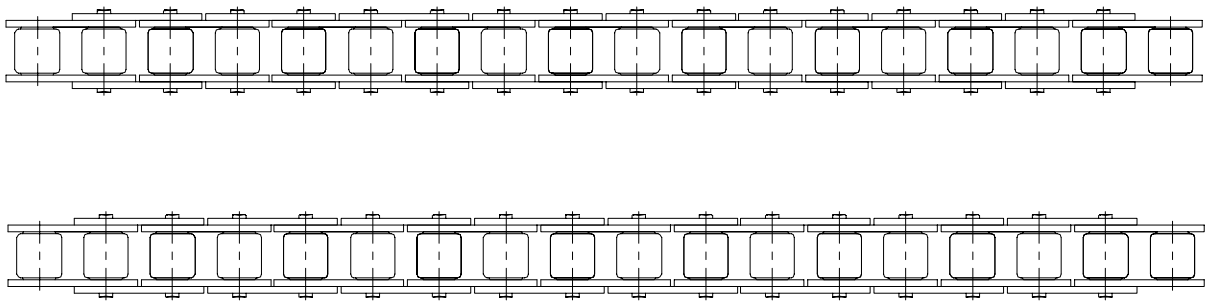
Most Common Attachments



Chain Sets, Matching

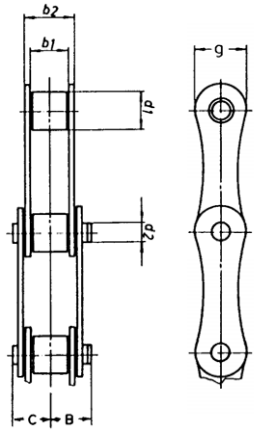
Metric chain typically assembles in 5 meter (16.5 ft) lengths unless specified. Longer lengths are possible. Strands in notched pairs are clearly marked for final assembly. All chain is pre-stretched so matching becomes as simple as assembly.

Use the chain sketch below to indicate attachment position.

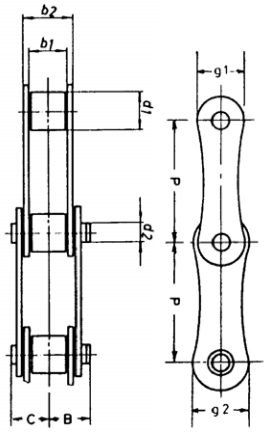


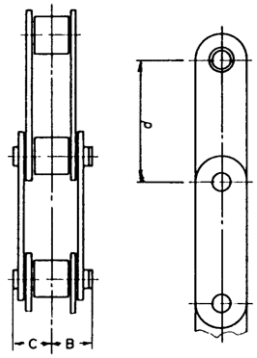
Double Pitch Roller Chain

E-Series

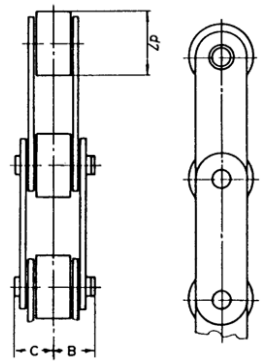


Type A with curved side plates





Type C with straight side plates



Type C with large rollers LR

Double Pitch Roller Chains are available in Metric and ANSI versions. Curved and straight side plates are also available. These chains, like the standard roller chains, are manufactured to DIN and ANSI standards.

Chains with attachment available on request.

Metric Chains: DIN 8181 - Type A - with Standard Rollers

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Overall Width		Innerlink Width	Breaking Load	Approx. Weight
	p mm	b_1 min mm	d_1 max. mm	d_2 max. mm	g mm	B mm	C mm	b_2 mm	N	kg/m
E208B	25.40	7.75	8.51	4.45	11.81	12.4	8.5	11.3	18000	0.5
E210B	31.75	9.65	10.16	5.08	14.73	13.9	9.8	13.3	22400	0.6
E212B	38.10	11.68	12.07	5.72	16.13	15.95	11.35	15.6	29000	0.8
E216B	50.80	17.02	15.88	8.28	21.08	23.45	18.05	25.4	60000	1.75
E220B	63.50	19.56	19.05	10.19	26.42	27.7	21.6	29.0	95000	2.63
E224B	76.20	25.40	25.40	14.63	33.40	33.3	26.7	37.9	160000	4.5

ANSI Chains: Type A - with Standard Rollers

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth		Overall Width		Innerlink Width	Breaking Load	Approx. Weight
	p in	b_1 min in	d_1 max. in	d_2 max. in	g_1 in	g_2 in	B in	C in	b_2 in	lb	lb/ft
EA2040	1	.312	.312	.156	.409	.468	.380	.325	.432	3700	0.31
EA2050	1-1/4	.375	.400	.200	.524	.571	.469	.406	.535	6100	0.52
EA2060	1-1/2	.500	.469	.234	.606	.679	.600	.506	.688	8500	0.80

ANSI Chains: Type C - with Standard or Large Rollers

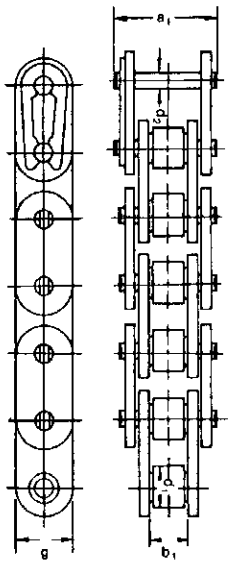
Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Overall Width		Innerlink Width	Breaking Load	Approx. Weight
	p in	b_1 min in	d_1 max. in	d_2 max. in	g in	B in	C in	b_2 in	lb	lb/ft
EC2040	1	.312	.312	.156	.468	.380	.325	.432	3700	0.34
EC2042	1	.312	.625	.156	.468	.380	.325	.432	3700	0.58
EC2050	1-1/4	.375	.400	.200	.571	.469	.406	.535	6100	0.58
EC2052	1-1/4	.375	.750	.200	.571	.469	.406	.535	6100	0.90
EC2060	1-1/2	.500	.469	.234	.679	.600	.506	.750	8500	1.00

ANSI Chains: Heavy Type H - with Standard or Large Rollers

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Overall Width		Innerlink Width	Breaking Load	Approx. Weight
	p in	b_1 min in	d_1 max. in	d_2 max. in	g in	B in	C in	b_2 in	lb	lb/ft
EC2060H	1-1/2	.500	.469	.234	.677	.652	.573	.750	9000	1.01
EC2062H	1-1/2	.500	.875	.234	.677	.652	.573	.750	9000	1.47
EC2080H	2	.625	.625	.312	.906	.823	.720	.937	15400	1.62
EC2082H	2	.625	1.125	.312	.906	.823	.720	.937	15400	2.37
EC2100H	2-1/2	.750	.750	.375	1.15	.980	.830	1.125	24000	2.30
EC2102H	2-1/2	.750	1.562	.375	1.15	.980	.830	1.125	24000	3.75
EC2120H	3	1.000	.875	.437	1.37	1.210	1.030	1.438	34000	3.70
EC2122H	3	1.000	1.750	.437	1.37	1.210	1.030	1.438	34000	5.71

Metric Roller Chain with Straight Side Plates

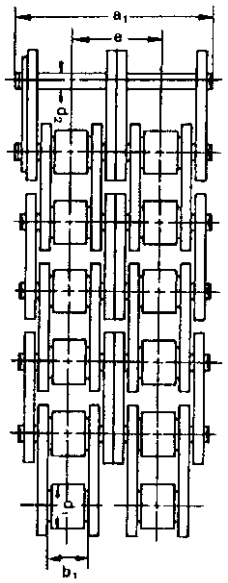
E-Series



Our Metric Roller Chain with straight side plates is manufactured to DIN 8187 ISO 606B standards. GL designates straight plates. Packaged in 5 meter lengths. Other lengths available on request.

Roller Chain with Straight Side Plates - Simplex

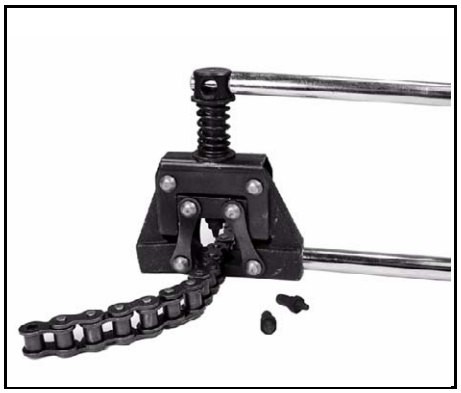
Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Transverse Pitch	Conn Pin Length	Bearing Area	Breaking Load	Approx. Weight
	p mm	b_1 min mm	d_1 max. mm	d_2 max. mm	g max. mm	e mm	a_1 max. mm	A cm^2	N	kg/m
E06B-1 GL	9.525	5.72	6.35	3.28	8.2	—	16.8	0.28	9000	0.41
E08B-1 GL	12.7	7.75	8.51	4.45	11.8	—	19.0	0.50	18200	0.70
E10B-1 GL	15.875	9.65	10.16	5.08	14.7	—	20.5	0.67	22400	0.95
E12B-1 GL	19.05	11.68	12.07	5.72	16.1	—	24.2	0.89	29000	1.25
E16B-1 GL	25.4	17.02	15.88	8.28	21.0	—	39.4	2.10	60000	2.70
E20B-1 GL	31.75	19.56	19.05	10.19	26.4	—	43.6	2.96	95000	3.60

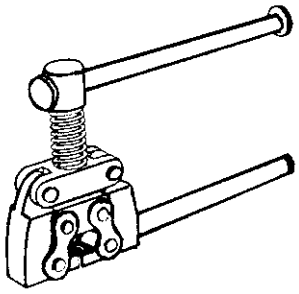


Roller Chain with Straight Side Plates - Duplex

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Plate Depth	Transverse Pitch	Conn Pin Length	Bearing Area	Breaking Load	Approx. Weight
	p mm	b_1 min mm	d_1 max. mm	d_2 max. mm	g max. mm	e mm	a_1 max. mm	A cm^2	N	kg/m
E06B-2 GL	9.525	5.72	6.35	3.28	8.2	10.24	27.1	0.56	16000	0.78
E08B-2 GL	12.7	7.75	8.51	4.45	11.8	13.92	33.2	1.01	32800	1.35
E10B-2 GL	15.875	9.65	10.16	5.08	14.7	16.59	37.5	1.34	40000	1.80
E12B-2 GL	19.05	11.68	12.07	5.72	16.1	19.46	43.9	1.79	53000	2.50
E16B-2 GL	25.4	17.02	15.88	8.28	21.0	31.88	71.9	4.21	106000	5.40
E20B-2 GL	31.75	19.56	19.05	10.19	26.4	36.45	80.3	5.91	170000	7.20

Chain Breakers



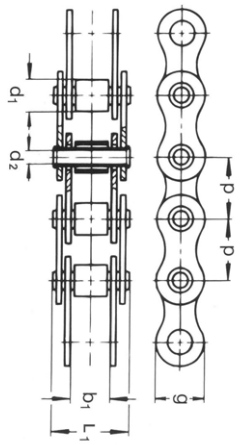


Part No.	Chain Sizes		For Pitch Sizes (ANSI or DIN)
	ANSI	DIN	
CT101	25, 35, 40, 50	06B, 08B, 10B	1/4" to 5/8"
CT102	60, 80	12B, 16B	3/4" to 1"
CT103	100, 120, 140, 160	20B, 24B, 28B, 32B	1-1/4" to 2"

Hollow Pin Chain

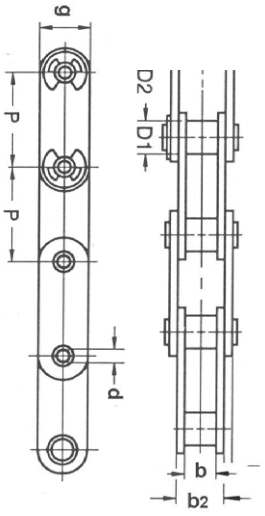
E-Series

Hollow Pin Chains per ANSI and DIN standards. Sprockets available on request.



Hollow Pin Roller Chains - ANSI Standard

Part No.	Pitch	Inner Width	Roller Dia.	Hollow Pin Dia.	Plate Depth max	Chain Width	Breaking Load	Approx. Weight
	p in	b_1 min in	d_1 max. in	d_2 in	g in	L_1 in	lb	lb/ft
E40 HP	1/2	.312	.312	.157	.472	0.689	2420	0.36
E50 HP	5/8	.375	.400	.202	.591	0.855	4400	0.58
E60 HP	3/4	.500	.469	.236	.713	1.055	5940	0.85
E80 HP	1	.625	.625	.316	.949	1.341	10800	1.60

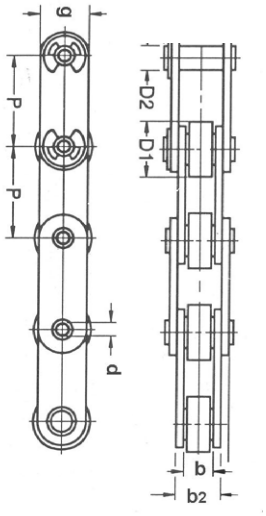


Hollow Pin Roller Chains - DIN Standard

Part No.	Pitch	Inner Width	Roller Dia.	Hollow Pin Dia	Breaking Load	Approx. Weight
	p mm	b min mm	D_1 max. mm	d mm	N	kg/m
E08 B-1 HP (4.5)	12.7	7.75	8.51	4.5	13500	0.7
E08 B-1 HP (4.0)	12.7	7.75	8.51	4.0	10000	0.7
E10 B-1 HP	15.875	9.65	10.16	5.0	14500	0.9
E12 B-1 HP	19.05	11.70	12.07	5.75	18500	1.1
E12 B-1 HP (4.0)	19.5	11.70	12.07	4.0	18500	1.1

Double Pitch Hollow Pin Chains

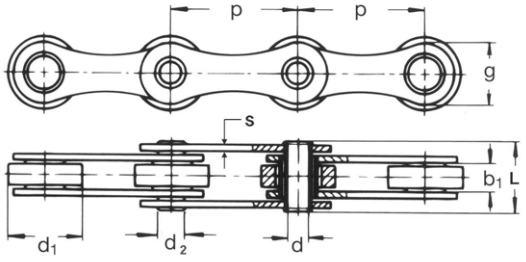
Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Hollow Pin Dia.	Plate Depth max	Chain Width		Inner Link Width	Breaking Load	Approx. Weight
	p in	b min mm	D_1 max. mm	D_2 max. mm	d mm	g mm	B mm	C mm	b_2 mm	lb	lb/ft
EC2040 HP	1	.312	.312	.224	.157	.472	.374	.315	.432	2420	0.31
EC2042 HP	1	.312	.625	.224	.157	.472	.374	.315	.432	2420	0.55
EC2050 HP	1-1/4	.375	.400	.284	.202	.591	.459	.396	.535	4400	0.50
EC2052 HP	1-1/4	.375	.750	.284	.202	.591	.459	.396	.535	4400	0.81
EC2060 HP	1-1/2	.500	.469	.330	.236	.677	.561	.494	.688	5940	0.93
EC2062 HP	1-1/2	.500	.875	.330	.236	.677	.561	.494	.688	5940	1.38
EC2080 HP	2	.625	.625	.448	.316	.906	.701	.640	.875	10800	1.21
EC2082 HP	2	.625	1.125	.448	.316	.906	.701	.640	.875	10800	1.88



Hollow Pin Roller Chains

Part No.	Pitch	Inner Width	Roller Dia.	Pin Dia.	Hollow Pin Dia	Plate Thickness	Plate Depth	Chain Width	Breaking Load	Approx. Weight
	p mm	b_1 mm	d_1 max. mm	d_2 max. mm	d mm	S mm	g mm	L mm	N mm	kg/m
E-HB50 x 10	50	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0
E-HB50.8 x 10	50.8	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0
E-HB100 x 10	100	10	30.0	11.5	8.0	3.0	25.4	26.6	50000	2.0

HB 50, HB 50.8, HB 100

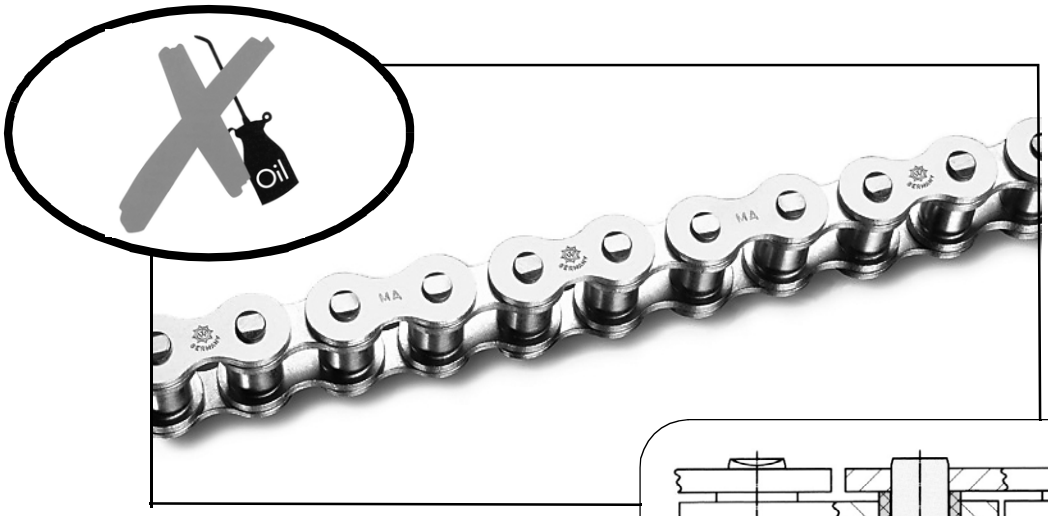


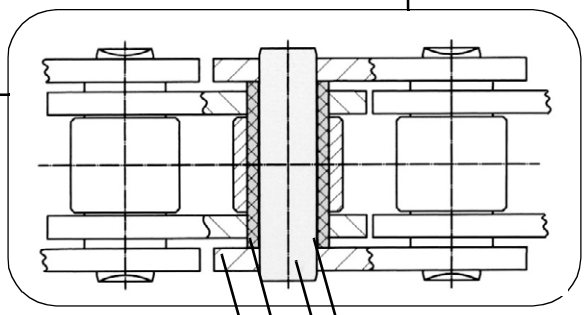
Lube Free Roller Chain

Marathon Series

Our MA-Series Marathon Maintenance Free Chain requires no further lubrication and may provide up to 35 times greater life as compaired to standard roller chains as well as up to 5 times greater service life with other maintenance free chains. The ultra high strength oil impregnated sintered bushings fit tightly to side plates sealing the chain from possible contaminants that can wear pins and bushings. The pins are specially hardened and coated to help provide the extended life. These chains fit standard sprockets. A stainless version is also available.

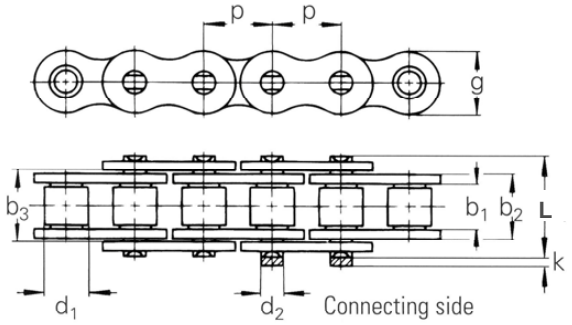
Marathon chain is made in Germany.



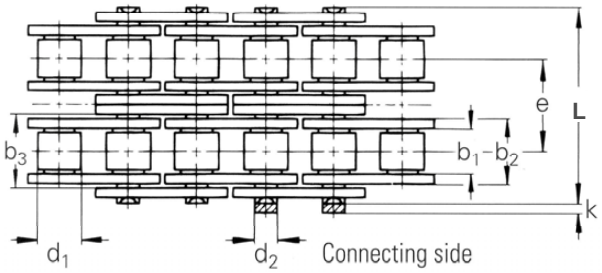


- Sealed joints
- Non-wearing pins
- Ultra-high strength, oil-impregnated sintered bushing
- Corrosion-protected plates and rollers

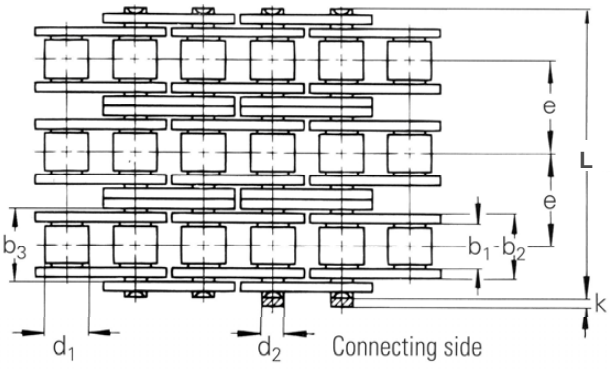
Simplex chains



Duplex chains



Triplex chains



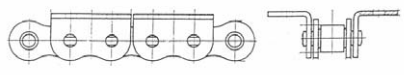
ANSI Lube Free Roller Chain
Marathon Series

	Part No.	Pitch p in	Inner Width b_1 in	Inner Link Width b_2 in	Roller Dia. d_1 in	Pin Dia. d_2 in	Plate Depth g in	Transverse Pitch e in	Conn Pin Length L in	Project. over Conn Link k in	Breaking Load lbs	Approx. Weight lb/ft
SIMPLEX	MA-40-1 RIV	1/2	0.312	0.439	0.312	0.156	0.472	—	0.701	0.15	3750	0.41
	MA-50-1 RIV	5/8	0.375	0.543	0.400	0.200	0.591	—	0.858	0.16	6800	0.67
	MA-60-1 RIV	3/4	0.500	0.697	0.468	0.234	0.709	—	1.059	0.18	9000	1.05
	MA-80-1 RIV	1	0.625	0.886	0.625	0.312	0.949	—	1.319	0.21	15700	1.57
	MA-100-1 RIV	1-1/4	0.750	1.079	0.75	0.375	1.185	—	1.618	0.24	21000	2.53
	MA-120-1 RIV	1-1/2	1	1.39	0.875	0.437	1.425	—	2	0.26	31600	3.6
DUPLEX	MA-40-2 RIV	1/2	0.312	0.439	0.312	0.156	0.472	0.566	1.27	0.15	6750	0.82
	MA-50-2 RIV	5/8	0.375	0.543	0.400	0.200	0.591	0.713	1.57	0.16	14000	1.2
	MA-60-2 RIV	3/4	0.500	0.697	0.468	0.234	0.709	0.898	1.96	0.18	17300	2.1
	MA-80-2 RIV	1	0.625	0.886	0.625	0.312	0.949	1.152	2.47	0.21	30700	2.8
	MA-100-2 RIV	1-1/4	0.750	1.079	0.75	0.375	1.185	1.408	3.03	0.24	46600	5.1
	MA-120-2 RIV	1-1/2	1	1.39	0.875	0.437	1.425	1.788	3.79	0.26	65900	7.2
TRIPLEX	MA-40-3 RIV	1/2	0.312	0.439	0.312	0.156	0.472	0.566	1.839	0.15	9350	1.2
	MA-50-3 RIV	5/8	0.375	0.543	0.400	0.200	0.591	0.713	2.28	0.16	20000	2
	MA-60-3 RIV	3/4	0.500	0.697	0.468	0.234	0.709	0.898	2.858	0.18	23850	3.1
	MA-80-3 RIV	1	0.625	0.886	0.625	0.312	0.949	1.152	3.61	0.21	43850	5
	MA-100-3 RIV	1-1/4	0.750	1.079	0.75	0.375	1.185	1.408	4.449	0.24	69300	7.5
	MA-120-3 RIV	1-1/2	1	1.39	0.875	0.437	1.425	1.788	5.551	0.26	93200	10.7

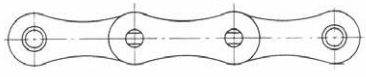
Metric Lube Free Roller Chain
Marathon Series

	Part No.	Pitch p mm	Pitch p in	Inner Width b_1 mm	Inner Link Width b_2 mm	Roller Dia. d_1 mm	Pin Dia. d_2 mm	Plate Depth g mm	Transverse Pitch e mm	Conn Pin Length L mm	Project. over Conn Link k mm	Breaking Load N	Approx. Weight kg/m
SIMPLEX	MA-06B-1 RIV	9.525	3/8	5.72	8.53	6.35	3.28	8.2	—	13.5	3.3	9600	0.4
	MA-08B-1 RIV	12.7	1/2	7.75	11.3	8.51	4.45	11.8	—	17	3.9	18600	0.7
	MA-10B-1 RIV	15.875	5/8	9.65	13.28	10.16	5.08	14.7	—	19.6	4.1	27000	0.9
	MA-12B-1 RIV	19.05	3/4	11.68	15.62	12.07	5.72	16.1	—	22.7	4.6	31000	1.2
	MA-16B-1 RIV	25.4	1	17.02	25.4	15.88	8.28	21	—	36.1	5.4	72000	2.7
	MA-20B-1 RIV	31.75	1-1/4	19.56	29	19.05	10.19	26.4	—	43.2	6.1	105000	3.5
	MA-24B-1 RIV	38.1	1-1/2	25.4	37.9	25.4	14.63	33.4	—	53.4	6.6	180000	6.8
DUPLEX	MA-06B-2 RIV	9.525	3/8	5.72	8.53	6.35	3.28	8.2	10.24	23.8	3.3	17400	0.8
	MA-08B-2 RIV	12.7	1/2	7.75	11.3	8.51	4.45	11.8	13.92	31	3.9	37000	1.4
	MA-10B-2 RIV	15.875	5/8	9.65	13.28	10.16	5.08	14.7	16.59	36.2	4.1	54000	1.8
	MA-12B-2 RIV	19.05	3/4	11.68	15.62	12.07	5.72	16.1	19.46	42.2	4.6	63000	2.4
	MA-16B-2 RIV	25.4	1	17.02	25.4	15.88	8.28	21	31.88	68	5.4	140000	5.3
	MA-20B-2 RIV	31.75	1-1/4	19.56	29	19.05	10.19	26.4	36.45	79	6.1	210000	7.3
	MA-24B-2 RIV	38.1	1-1/2	25.4	37.9	25.4	14.63	33.4	43.36	101	6.6	360000	13.4
TRIPLEX	MA-06B-3 RIV	9.525	3/8	5.72	8.53	6.35	3.28	8.2	10.24	34	3.3	24900	1.2
	MA-08B-3 RIV	12.7	1/2	7.75	11.3	8.51	4.45	11.8	13.92	44.9	3.9	56000	2
	MA-10B-3 RIV	15.875	5/8	9.65	13.28	10.16	5.08	14.7	16.59	52.8	4.1	80000	2.7
	MA-12B-3 RIV	19.05	3/4	11.68	15.62	12.07	5.72	16.1	19.46	61.7	4.6	94000	3.1
	MA-16B-3 RIV	25.4	1	17.02	25.4	15.88	8.28	21	31.88	99.9	5.4	211000	7.5
	MA-20B-3 RIV	31.75	1-1/4	19.56	29	19.05	10.19	26.4	36.45	116	6.1	300000	10.6
	MA-24B-3 RIV	38.1	1-1/2	25.4	37.9	25.4	14.63	33.4	43.36	150	6.6	523000	20

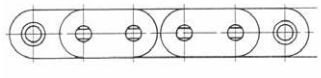
Other Marathon Series Lube Free Chain



MA-Series Attachment

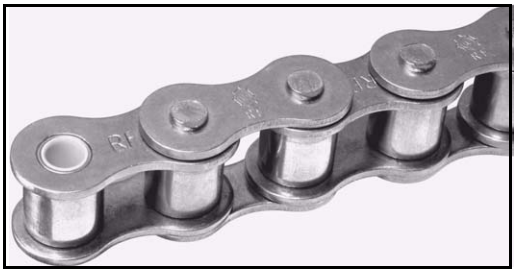


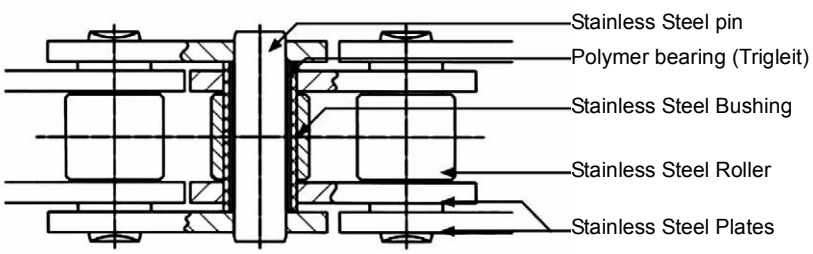
MA-Series Double Pitch



MA-Series Straight Links

Lube Free - Stainless Roller Chain
Marathon Chain





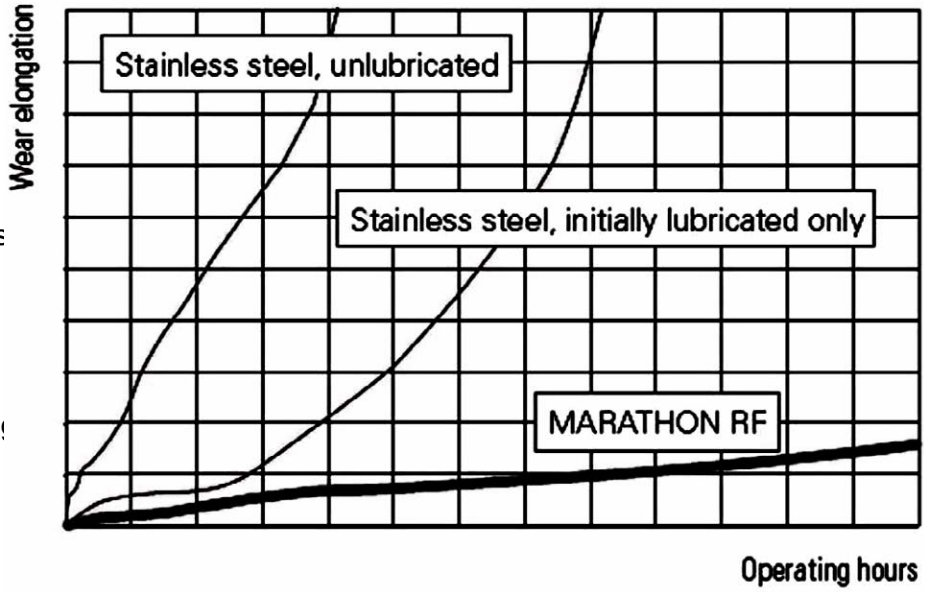
High performance polymer bearings (TRIGLEIT) allow operation of stainless steel chains without relubrication!



- Durable and low-frication polymer bearing (TRIGLEIT)
- All other chain components made of stainless steel grades
- Maximum chain speed v = 2.5 m/s
- Working temperatures -30°C to +60°C (-22°F to 140°F), Higher temperatures on request
- Chain dimensions according to DIN 8187: Stainless steel sprockets also available from stock
- No relubrication required
- Relubrication with mineral oils possible (no ester oils)
- Can also be supplied with extended pins, straight attachments, bent attachments and custom designs
- Information on chemical resistance available on request.

Typical Applications:

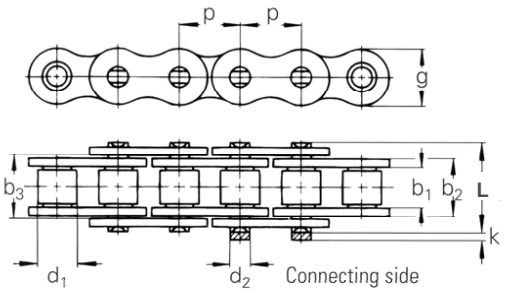
- Packing equipment
- Chemical processing machines
- Pharmaceutical equipment
- Textile machinery
- Food processing
- Sanitation recycling
- Electrical equipment processing



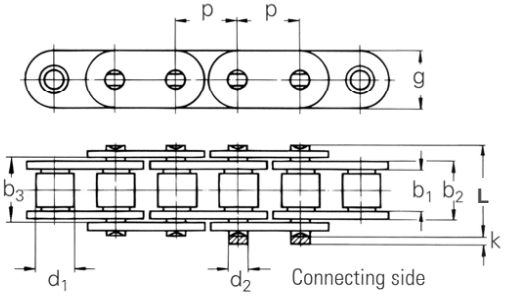
Lube Free - Stainless Roller Chain

Marathon Series

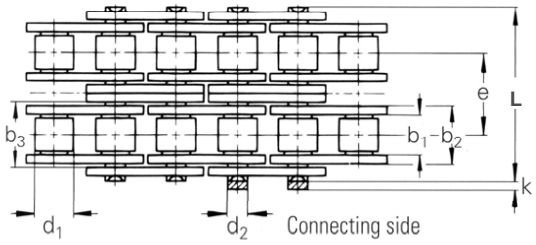
Simplex chains



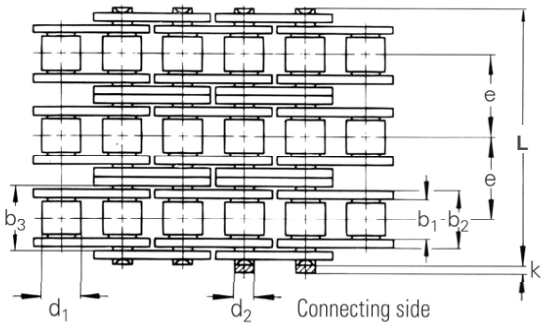
Simplex chains (Type GL)



Duplex chains

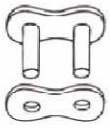


Triplex chains





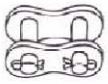
No. 4
Inner Link



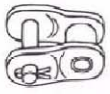
No. 7
Riveting
Link



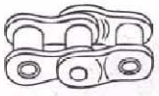
No. 11
Spring Clip
Conn. Link



No. 111
Cottered
Conn. Link



No. 12
Offset Link
(Half Link)



No. 15
Double Offset
Link

Part No.	Pitch		Dimensions										Tensil Strength F_B min	Weight	Connecting Links
	P		b_1 min	b_2 max	b_3 min	d_1 max	d_2	e	g max	k max	L max	Bearing Area f			
	mm	in	mm	mm	mm	mm	mm	mm	mm	mm	mm	cm^2	kN	kg	
MA-08B-1SS	12.7	1/2	7.75	11.30	11.43	8.51	4.45	—	11.8	3.9	17.0	0.50	12.00	0.70	4, 7, 11, 12, 15
MA-10B-1SS	15.875	5/8	9.65	13.28	13.41	10.16	5.08	—	14.7	4.1	19.6	0.67	14.50	0.91	4, 7, 11, 12, 15
MA-12B-1SS	19.05	3/4	11.68	15.62	15.75	12.07	5.72	—	16.1	1.6	22.7	0.89	18.50	1.18	4, 7, 11, 12, 15
MA-16B-1SS	25.4	1	17.02	25.40	25.60	15.88	8.28	—	21.0	5.4	36.1	2.10	40.00	2.50	4, 7, 111, 12
MA-08B-2SS	12.7	1/2	7.75	11.30	11.43	8.51	4.45	13.92	11.8	3.9	31.0	1.01	20.40	1.36	4, 7, 11, 12, 15
MA-10B-2SS	15.875	5/8	9.65	13.28	13.41	10.16	5.08	16.59	14.7	4.1	36.2	1.34	24.65	1.82	4, 7, 11, 12, 15
MA-12B-2SS	19.05	3/4	11.68	15.62	15.75	12.07	5.72	19.46	16.1	4.6	42.2	1.79	31.45	2.38	4, 7, 11, 12, 15
MA-16B-2SS	25.4	1	17.02	25.40	25.60	15.88	8.28	31.88	21.0	5.4	68.0	4.21	68.00	5.10	4, 7, 111, 12
MA-08B-3SS	12.7	1/2	7.75	11.30	11.43	8.51	4.45	13.92	11.8	3.9	44.9	1.51	32.50	2.01	4, 7, 11, 12, 15
MA-10B-3SS	15.875	5/8	9.65	13.28	13.41	10.16	5.08	16.59	14.7	4.1	52.8	2.02	39.00	2.70	4, 7, 11, 12, 15
MA-12B-3SS	19.05	3/4	11.68	15.62	15.75	12.07	5.72	19.46	16.1	4.6	61.7	2.68	49.50	3.12	4, 7, 11, 12, 15
MA-16B-3SS	25.4	1	17.02	25.40	25.60	15.88	8.28	31.88	21.0	5.4	99.9	6.31	108.00	7.50	4, 7, 111, 12

Note: Can also be supplied with attachments, straight plates (type series GL) and as double pitch roller chains (dimensions according to DIN 8181) Stainless Sprockets available on request. Made in Germany.

Accumulator Chain

For Automated Conveying Systems

Accumulator Chains for Automated Conveyor Systems are available with steel or plastic rollers. Chains are available in stainless steel as well. The load may be proportionally increased for shorter strands and must be proportionally decreased for longer conveyor distances.

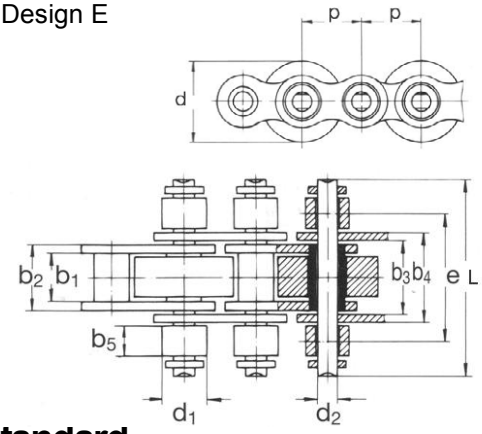
For Example: 5m Conveyor Distance = Double the allowable load, 20m of Conveyor Distance = half load. Max load per meter is provided on adjacent page and based on a chain length of 10 meters. If a shorter chain is used, for example 5 meters, then the load per meter can be doubled. If 20 meters of chain are used, then only half of the load per meter is permitted.

Maximum conveyor distance of 25-30 meters is recommended.

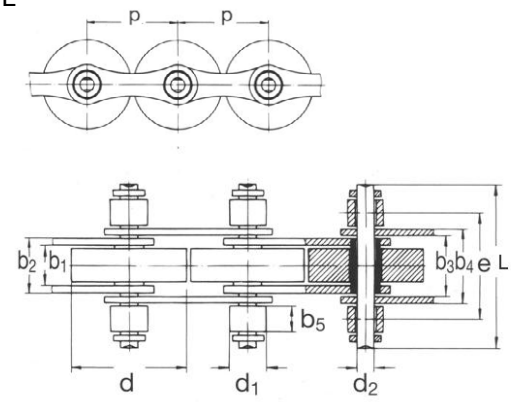
Guide Channels for Rollers are also suggested.



Design E



Design L



Standard

Part No.	Pitch		Dimensions											
											Roller 1		Roller 2	
	P	Design	b_1 min mm	b_2 max mm	b_3 min mm	b_4 max mm	d_1 mm	d_2 max mm	e mm	g max mm	L max mm	b_5 max mm	L max mm	b_5 max mm
E12B-1-513SF	19.05	E	11.68	15.62	15.80	20.0	12.00	5.72	31.50	16.1	48.0	11.5	43.0	9.0
E16B-1-548SF	25.4	E	17.02	25.45	25.81	32.0	15.88	8.28	44.50	21.0	65.0	12.5	—	—
E24B-1-722SF	38.1	L	11.68	15.62	15.80	20.0	12.00	5.72	31.50	16.1	48.0	11.5	—	—
E32B-1-728SF	50.8	L	17.02	25.45	25.81	32.0	15.88	8.28	44.50	21.0	65.0	12.5	—	—
E12B-2-513SF	19.05	D	11.68	15.62	15.80	20.0	12.07	8.72	52.00	16.1	68.0	11.5	—	—
E16B-2-548SF	25.4	D	17.02	25.45	25.81	32.0	15.88	8.28	76.76	21.0	97.0	12.5	—	—
E06B-3-455SF	9.525	T	5.72	8.53	—	—	6.35	3.28	20.48	8.2	34.0	—	—	—
E12B-3-513SF	19.05	T	11.68	15.62	15.80	20.0	12.07	5.72	38.92	16.1	61.7	—	—	—
E16B-3-548SF	25.4	T	17.02	25.45	25.81	32.0	15.88	8.28	63.76	21.0	99.9	—	—	—

Note: Substitute KRF for Plastic or VRF for Nylon Rollers.

Stainless Steel

E12B-1SS-513SF	19.05	E	11.68	15.62	15.80	20.0	12.00	5.72	31.50	16.1	48.0	11.5	43.0	9.0
E16B-1SS-548SF	25.4	E	17.02	25.45	25.81	32.0	15.88	8.28	44.50	21.0	65.0	12.5	—	—
E24B-1SS-722SF	38.1	L	11.68	15.62	15.80	20.0	12.00	5.72	31.50	16.1	48.0	11.5	—	—
E32B-1SS-728SF	50.8	L	17.02	25.45	25.81	32.0	15.88	8.28	44.50	21.0	65.0	12.5	—	—
E12B-3SS-513SF	19.05	T	11.68	15.62	—	—	12.07	5.72	38.92	16.1	61.7	—	—	—
E16B-3SS-548SF	25.4	T	17.02	25.46	—	—	15.88	8.28	63.76	21.0	99.9	—	—	—

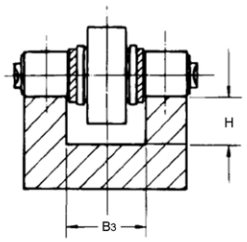
Note: Substitute KRF for Plastic or VRF for Nylon Rollers.

Accumulator Chain

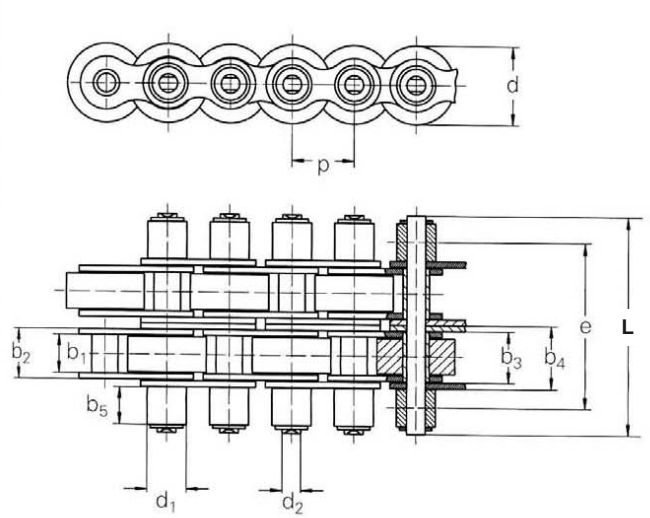
For Automated Conveying Systems.

The temperature range for Accumulator Chain is -30° to 100°C for Steel Rollers and -10° to 60°C for Plastic Conveyor Rollers. Sprockets spacing and chain guide details are shown at right.

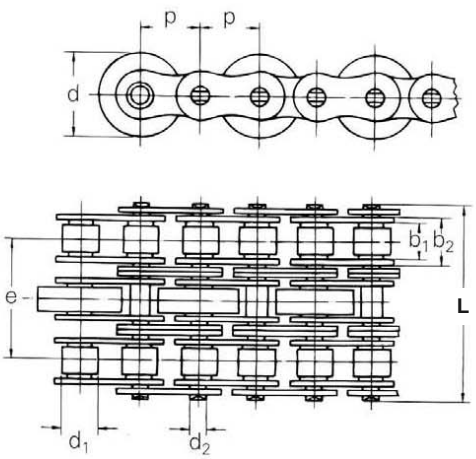
Size	B_3	H
513 SF	20.8	15.0
513 SFK	20.8	15.0
D 513 SF	40.5	15.0
548 SF	33.0	20.0
D 548 SF	66.0	20.0
722 SF	20.8	15.0
728	33.0	27.0



Design D



Design T



Standard

Dimensions		Conveyor Rollers						Minimum tensile strength F_B min kN	Maximum load per m conveyor chain with 10 m conveyor length	
Roller 3		Designation for material			Roller Diameter Options					
L max mm	b_5 max mm	Steel	Plastic PA 6.6	Nylon Vestimide	Roller 1 d	Roller 2 d	Roller 3 d		Steel Roller kg	Plastic Roller kg
40.0	7.5	SF	SFK	SFV	24.0	26.0	28.0	29.00	300	260
—	—	SF	SFK	SFV	38.5	—	—	60.00	600	500
—	—	SF	SFK	SFV	24.0	26.0	28.0	29.00	300	260
—	—	SF	SFK	SFV	38.5	40.0	50.0	60.00	600	500
—	—	SF	SFK	SFV	24.0	26.0	28.0	57.80	600	520
—	—	SF	SFK	SFV	38.5	—	—	120.00	1200	1000
—	—	SF	SFK	SFV	9.2	15.0	—	16.80	100	100
—	—	SF	SFK	SFV	24.0	26.0	28.0	60.00	600	260
—	—	SF	SFK	SFV	38.5	—	—	120.00	1200	500

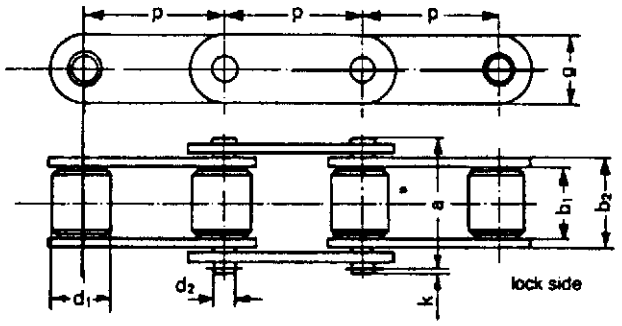
Stainless Steel

40.0	75.0	SF RF	SFK RF	SFV RF	24.0	26.0	28.0	18.50	200	200
—	—	SF RF	SFK RF	SFV RV	38.5	—	—	40.00	300	300
—	—	SF RF	SFK RF	SFV RV	24.0	26.0	28.0	18.50	200	200
—	—	SF RF	SFK RF	SFV RV	38.5	40.0	50.0	40.00	300	300
—	—	SF RF	SFK RF	SFV RV	24.0	26.0	28.0	31.45	400	400
—	—	SF RF	SFK RF	SFV RV	38.5	—	—	68.00	600	600

Agricultural & Lumber Roller Chain

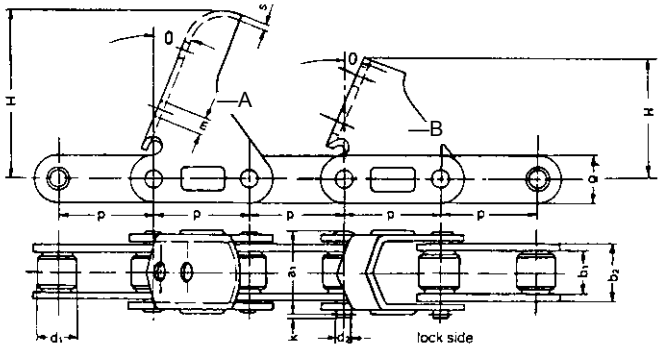
DIN 8189/ISO 487

CA 2060 and CA 550 chains are offered in a wide variety of atttachments. Some are shown below. Others available on request.



Part No.	p mm	b_1 mm	b_2 mm	d_1 mm	d_2 mm	a mm	k mm	g mm	Breaking Load kN	Wt. kg/m
E-CA 2060	38.1	12.7	19.4	11.90	5.95	28.6	2.2	18.1	36.0	1.5
E-CA 550	41.4	20.2	25.5	16.7	7.13	34.8	2.6	19.0	51.0	1.85

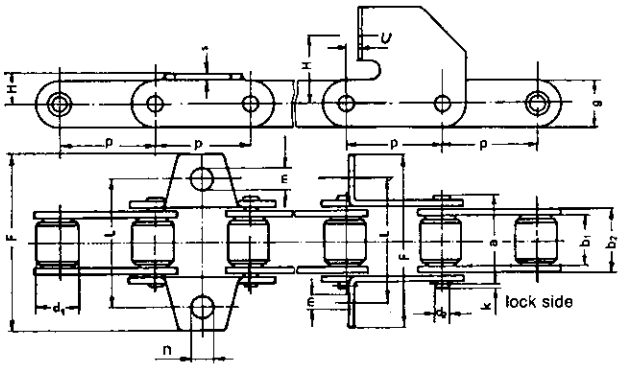
Attachment Links for Special Double Pitch Roller Chain CA 2060

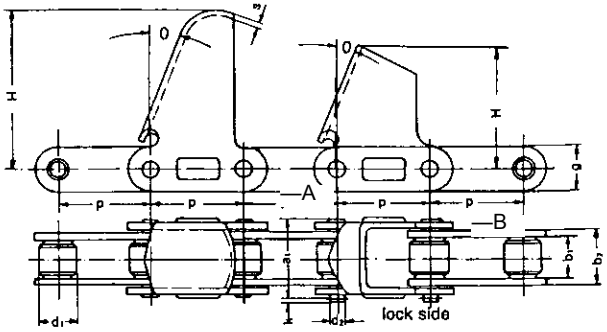


Attachment	Measurements of attachment links (mm)			
	s	m	O	H
A	3.1	-	22°	63.5
A1	3.1	6.75	22°	63.5
B	3.1	-	22°	57

Other Attachments Available on Request

Attachment Links for Agricultural Roller Chain CA 550

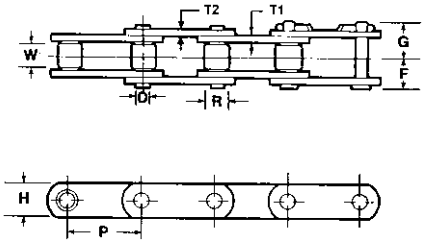




Part No.	Bent Attachments (mm)					Elevator Attachments (mm)							Corn Attachments (mm)			
	S	M	H	L	F	S	M	n	U	H	L	F	Size	S	O	H
E- CA 550	2.6	8.3	12.7	50.8	75.6	2.6	8.7	8.7	3.7	31	47.6	68.2	A	2.7	15°	92.0
													B	2.7	15°	63.5

81X Series (Lumber Chain)

E-Series



Dimensions in inches

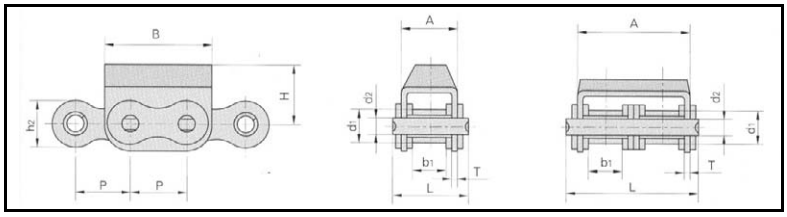
Part No.	Pitch	Roller Width	Roller Dia.	Plate Height	Plate Thickness		Pin Dia.	Overall Width		Avg. Ult. Strength	Wt.
	P	W	R	H	T1	T2	D	F	G	lb	lb/ft
E81X	2.609	1.062	0.905	1.122	0.156	0.156	0.438	0.937	1.125	24250	2.5
E81XH	2.609	1.062	0.905	1.270	0.312	0.218	0.438	1.188	1.343	34520	3.4
E81XHH	2.609	1.062	0.905	1.270	0.312	0.319	0.438	1.260	1.430	43400	4.3

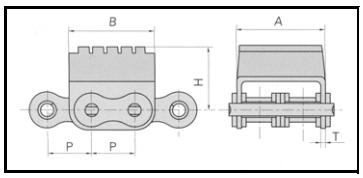
Metric Rubber Top Attachment Chain

Rubber Top Attachment Chain is available in a wide variety of attachment shapes and several optional rubber or rubber type materials including nitrile and molded neoprene. The typical shore (rubber hardness) is 75 +/-5. Temperature resistance generally 80°C although higher allowable temperatures are possible. Several typical shapes are shown below. Many standard top shapes are available. Similar to attachment type chains, the specific chain size and top dimensions will help determine the exact replacement chain. These are normally provided in custom lengths, fully riveted with a connecting link for final assembly. Rubber top chains are used in woodworking machinery, glass handling industry or synthetic panels that need to be protected from metal chain attachments.



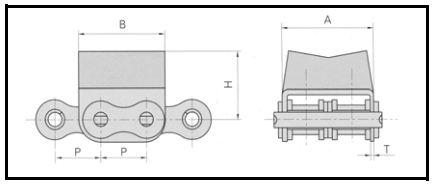
Available in metric chain sizes from 08B thru 24B Chain (1/2 thru 1-1/2" pitch)





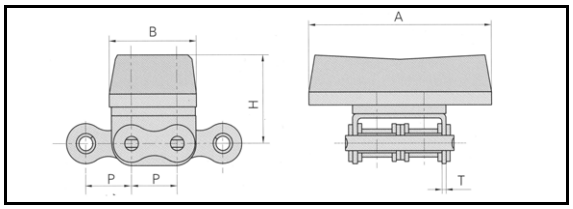


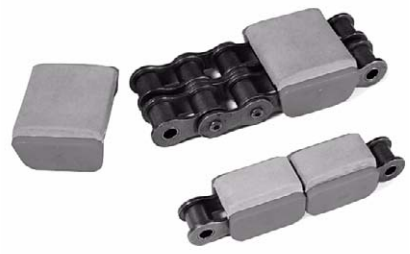
Available in metric chain sizes from 08B & 12B Chain (1/2 & 3/4" pitch)



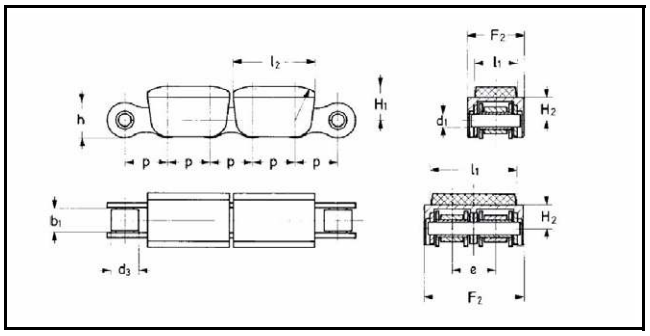


Available in metric chain sizes from 08B & 12B Chain (1/2 & 3/4" pitch)





AH Polyamide snap on attachments fit standard metric single and double strand roller chains. They also help protect the chain from contamination. They are available for metric chain sizes from 08 thru 20B (1/2" thru 1-1/4" pitch BS Chain). The rubber tops are 50-60 Shore.

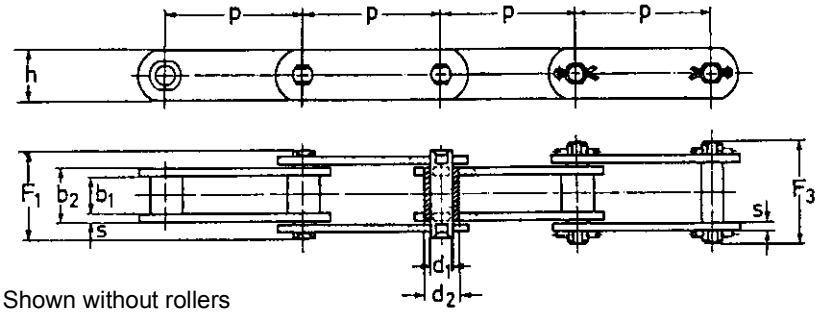


Dimensions in **mm**

Part No	p mm	b_1 min. min	d_1 mm h_9	d_3 mm max	e mm	h mm	l_1 mm x	l_2 mm x	H_1 mm x	H_2 mm x	F_2 mm x	f cm^2	F_B N min	Weight kg/m
E08B-1 CLIP	12.7	7.75	4.45	8.51	—	11.8	14.0	24.2	12.3	8.3	20.0	0.50	18000	0.85
E08B-2 CLIP	12.7	7.75	4.45	8.51	13.92	11.8	28.0	24.2	12.3	8.3	33.5.	1.01	32000	1.60
E10B-1 CLIP	15.875	9.65	5.08	10.16	—	14.7	15.5	30.5	15.0	10.0	21.5	0.67	22400	1.15
E10B-2 CLIP	15.875	9.65	5.08	10.16	16.59	14.7	32.0	30.5	15.0	10.0	38.5	1.34	44500	2.18
E12B-1 CLIP	19.05	11.68	5.72	12.06	—	16.1	19.0	37.0	16.0	11.0	25.0	0.89	29000	1.50
E12B-2 CLIP	19.05	11.68	5.72	12.06	19.46	16.1	39.5	37.0	16.0	11.0	44.5	1.79	57800	2.90
E16B-1 CLIP	25.4	17.02	8.28	15.88	—	21.0	33.0	49.0	21.4	15.4	39.0	2.10	60000	3.25
E16B-2 CLIP	25.4	17.02	8.28	15.88	31.88	21.0	65.0	49.0	21.4	15.4	71.0	4.21	106000	6.35
E20B-1 CLIP	31.75	19.56	10.19	19.05	—	26.4	36.0	61.5	25.0	19.0	44.0	2.96	95000	4.30
E20B-2 CLIP	31.75	19.56	10.19	19.05	36.45	26.4	72.5	61.5	25.0	19.0	80.5	5.91	170000	8.40

Metric Conveyor Chain

Solid Bearing Pin Chain
DIN 8167/ISO 1977

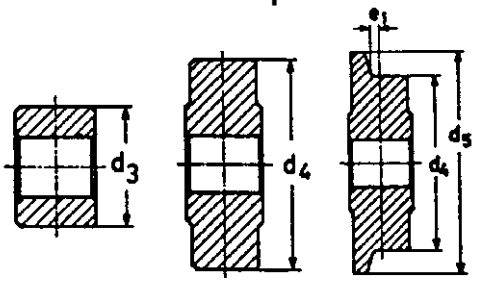


Shown without rollers
Attachments shown on next page



Metric Conveyor Chain typically includes attachments and one of the rollers shown at right. Sold in 5 meter lengths or custom lengths on request.

Roller options



A Small Roller | B Large Roller | D Flange Roller

Dimensions in **mm**

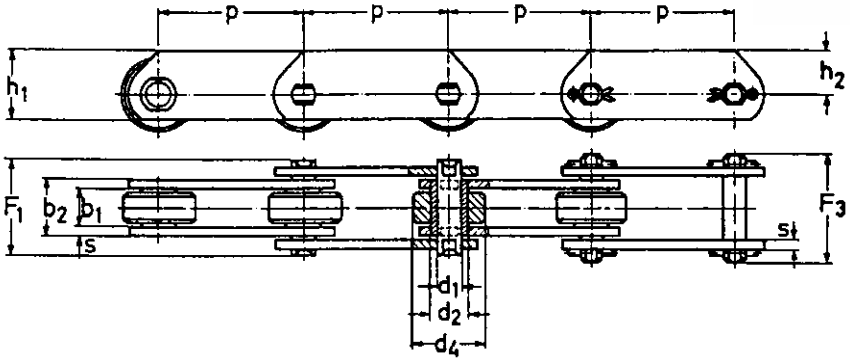
Size	Pitches p	b_1 min.	b_2 max.	d_1	d_2	d_3 A	d_4 B	d_4 / d_5 D	e_1	F_1	F_3	h	s	Bearing Area cm^2	Breaking Load N
M 20	40-50-63-80-100-125-160	16	22	6	9	12.5	25	25/30	4	31.2	36.2	18	2.5	1.32	20,000
M 28	50-63-80-100-125-160-200	18	25	7	10	15	30	30/36	4.5	35.2	40.2	20	3	1.75	28,000
M 40	63-80-100-125-160-200-250	20	28	8.5	12.5	18	36	36/42	4.5	40.2	47.2	25	3.5	2.38	40,000
M 56	63-80-100-125-160-200-250	24	33	10	15	21	42	42/50	6	47.2	56.2	30	4	3.30	56,000
M 80	80-100-125-160-200-250-315	28	39	12	18	25	50	50/60	7	55.2	64.2	35	5	4.68	80,000
M 112	80-100-125-160-200-250-315-400	32	45	15	21	30	60	60/70	7.5	64.2	75.2	40	6	6.75	112,000
M 160	100-125-160-200-250-315-400-500	37	52	18	25	36	70	70/85	8.5	73.3	88.3	50	7	9.36	160,000
M 224	125-160-200-250-315-400-500-630	43	60	21	30	42	85	85/100	10	86.3	99.3	60	8	12.60	224,000
M 315	160-200-250-315-400-500-630	48	70	25	36	50	100	100/120	10.5	100.3	120.3	70	10	17.50	315,000
M 450	200-250-315-400-500-630-800	56	82	30	42	60	120	120/140	11.5	117.3	141.3	80	12	24.60	450,000
M 630	250-315-400-500-630-800-1000	66	96	36	50	70	140	140/170	14.5	136.3	159.3	100	14	34.56	630,000
M 900	250-315-400-500-630-800-1000	78	112	44	60	85	170	170/210	17	157.3	179.3	120	16	49.28	900,000

Metric Conveyor Chain

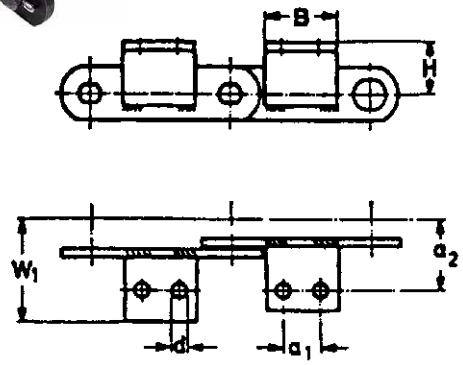
Deep Link Solid Bearing Pin Chain

DIN 8167/ISO 1977





Shown with “B” rollers. (See previous page for roller dimensions.)



Attachments

Size	Pitch p	a_1	a_2	B max.	d. max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Wt. kg
											no roller	A	B	D	
	40	*		14						BSP	1.08	1.44	2.61	2.81	0.02
	50	*		14						BSP	1.01	1.29	2.23	2.39	0.02
	63	20		35							0.99	1.23	2.00	2.13	0.04
MT20	80	35	27	50	6.6	25	16	16	42	25x20x3	0.90	1.07	1.67	1.77	0.06
	100	50		65							0.86	1.00	1.47	1.55	0.07
	125	50		65							0.82	0.95	1.32	1.38	0.07
	160	50		65							0.80	0.89	1.19	1.24	0.07
	50	*		20						BSP	1.54	1.82	3.32	3.52	0.02
	63	*		20						BSP	1.42	1.64	2.84	3.00	0.02
	80	25		45							1.32	1.50	2.44	2.57	0.05
MT28	100	40	32	60	9	30	20	20	50	20x30x3	1.24	1.38	2.13	2.23	0.07
	125	65		85							1.18	1.30	1.90	1.98	0.10
	160	65		85							1.13	1.22	1.69	1.75	0.10
	200	65		85							1.10	1.17	1.54	1.59	0.10
	63	*		20						BSP	2.24	2.57	4.47	4.70	0.03
	80	20		40							1.98	2.25	3.75	3.95	0.06
	100	40		60							1.91	2.12	3.32	3.47	0.08
MT40	125	65	35	85	9	35	22.5	25	56	30x30x3	1.81	1.98	2.93	3.06	0.15
	160	65		85							1.71	1.85	2.60	2.71	0.15
	200	65		85							1.64	1.75	2.35	2.42	0.15
	250	65		85							1.60	1.68	2.16	2.23	0.15
	63	*		22						BSP	3.32	3.83	6.93	7.26	0.05
	80	*		22						BSP	3.01	3.41	5.86	6.20	0.05
	100	25		50							2.79	3.11	5.07	5.34	0.12
MT56	125	50	44	75	11	45	30	30	70	40x40x4	2.60	2.87	4.43	4.65	0.18
	160	85		110							2.44	2.64	3.87	4.04	0.27
	200	85		110							2.34	2.50	3.49	3.63	0.27
	250	85		110							2.25	2.37	3.16	3.27	0.27
	80	*		22						BSP	4.65	5.29	9.35	9.95	0.05
	100	*		22						BSP	4.27	4.79	8.03	8.50	0.05
	125	50		75							3.97	4.38	6.98	7.35	0.18
MT80	160	85	48	110	11	50	32.5	35	80	40x40x4	3.70	4.03	6.05	6.35	0.27
	200	125		150							3.51	3.77	5.39	5.63	0.36
	250	125		150							3.37	3.57	4.87	5.06	0.36
	315	125		150							3.24	3.41	4.43	4.58	0.36

Dimensions in **mm**. * = only one hole. BSP = Bent Side Plate (attachment and side plate stamped from one piece).

Metric Conveyor Chain

Deep Link Solid Bearing Pin Chain
DIN 8167/ISO 1977



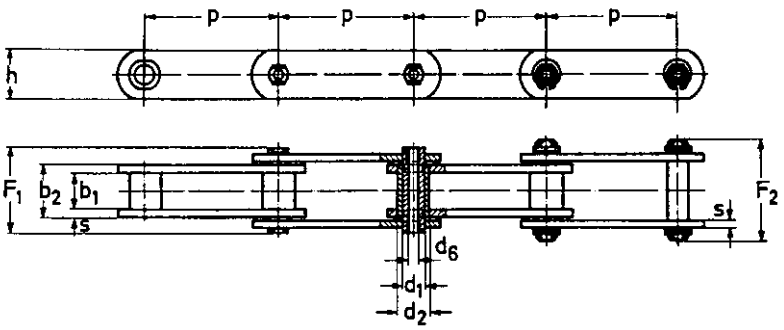
Metric Conveyor Chain typically includes attachments on some or all links as well. Please indentify link spacing. Sold in 5 meter lengths or custom lengths as required.

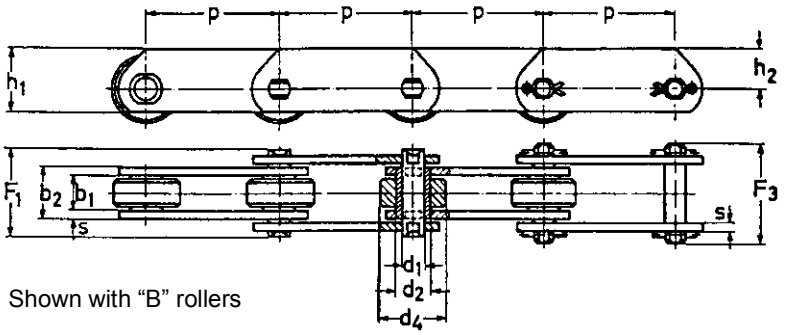
Size	Pitch p	a_1	a_2	B max.	d max	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Wt. kg
											no roller	A	B	D	
MT 112	80	*	55	28	14	60	40	40	92	50x50x6	6.75	7.88	14.6	15.3	0.13
	100	*		28							6.15	7.06	12.4	13.0	0.13
	125	35		65							5.69	6.42	10.7	11.2	0.30
	160	65		95							5.26	5.83	9.15	9.54	0.44
	200	100		130							4.97	5.43	8.09	8.38	0.59
	250	100		130							4.74	5.10	7.22	7.47	0.59
	315	100		130							4.53	4.82	6.52	6.70	0.59
	400	100		130							4.38	4.61	5.94	6.08	0.59
MT 160	100	*	62	30	14	70	45	45	100	50x50x6	9.70	11.2	19.5	20.4	0.14
	125	*		30							8.85	10.1	16.7	17.5	0.14
	160	50		80							8.15	9.12	14.3	14.9	0.37
	200	85		115							7.56	8.33	12.5	13.0	0.53
	250	145		175							7.22	7.82	11.1	11.5	0.80
	315	145		175							6.88	7.38	9.95	10.3	0.80
	400	145		175							6.57	6.95	9.00	9.25	0.80
	500	145		175							6.36	6.68	8.35	8.52	0.80
MT 224	125	*	70	35	18	90	60	55	114	60x60x8	13.1	14.9	26.6	27.8	0.25
	160	*		35							11.9	13.3	22.4	23.4	0.25
	200	65		100							11.1	12.2	19.5	20.3	0.71
	250	125		160							10.3	11.2	17.1	17.7	1.13
	315	190		225							9.78	10.5	15.1	15.7	1.60
	400	190		225							9.30	9.86	13.5	13.9	1.60
	500	190		225							8.97	9.40	12.3	12.6	1.60
	630	190		225							8.67	9.02	11.3	11.6	1.60
MT 315	160	*	80	35	18	100	65	65	125	70x70x9	18.3	20.5	34.4	36.1	0.27
	200	50		85							16.7	18.6	29.6	31.0	0.66
	250	100		135							15.6	17.1	25.9	27.1	1.04
	315	155		190							14.6	15.8	22.9	23.7	1.46
	400	155		190							13.9	14.8	20.3	21.2	1.46
	500	155		190							13.3	14.1	18.5	19.1	1.46
	630	155		190							12.8	13.4	16.9	17.4	1.46
MT 450	200	*	90	40	18	120	80	75	140	70x70x9	24.2	27.5	46.0	47.8	0.37
	250	85		125							22.4	25.0	39.8	41.4	1.17
	315	155		195							20.9	22.9	34.7	36.0	1.82
	400	240		280							19.7	21.3	30.6	31.5	2.62
	500	240		280							18.7	20.1	27.5	28.2	2.62
	630	240		280							18.0	19.0	24.9	25.5	2.62
	800	240		280							17.4	18.2	22.8	23.3	2.62
MT 630	250	*	115	50	24	140	90	90	190	100x100x12	34.8	39.6	62.8	65.7	0.89
	315	100		150							32.2	35.4	54.3	56.5	2.67
	400	190		240							30.3	32.7	47.8	49.5	4.27
	500	300		350							28.4	30.4	42.4	43.8	6.22
	630	300		350							27.1	28.7	38.3	39.3	6.22
	800	300		350							26.0	27.2	34.7	35.6	6.22
	1000	300		350							25.2	26.2	32.2	32.9	6.22
MT 900	250	*	140	60	30	180	120	110	240	120x120x15	51.2	58.0	100	106	1.59
	315	65		125							47.0	52.3	85.7	90.2	3.32
	400	155		215							43.5	47.7	74.0	77.4	5.70
	500	240		300							40.8	44.2	65.3	68.1	7.95
	630	240		300							38.8	41.4	58.1	60.4	7.95
	800	240		300							36.9	39.0	52.2	51.7	7.95
	1000	240		300							35.5	37.2	47.7	49.1	7.95

Dimensions in **mm**. * = only one hole.

Metric Conveyor Chain

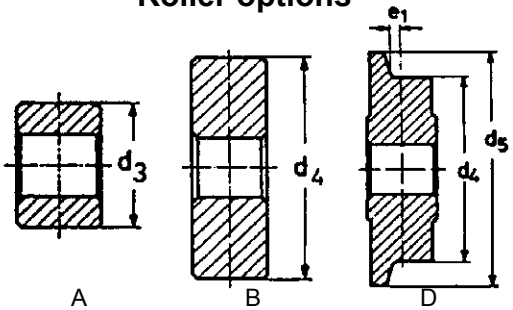
Hollow Pin Type
Din 8167/ISO 1977



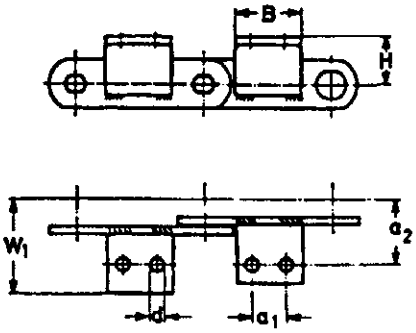


Shown with "B" rollers

Roller options



A Small Roller | B Large Roller | D Flange Roller



Attachments

Hollow Bearing Pin Chain

Part No.	Pitches p	b_1 min.	b_2 max.	d_1	d_2	d_3 A	d_4 B	d_4 / d_5 D	d_6	e_1	F_1	F_3	h	s	Bearing Area cm^2	Breaking Load N
MC 28	63-80-100-125-160	20	28	13	17.5	25	36	36/42	8.2	4.5	40.6	40.6	25	3.5	3.64	28,000
MC 56	80-100-125-160-200-250	24	33	15.5	21	30	50	50/60	10.2	6.0	46.6	46.6	35	4	5.11	56,000
MC 112	100-125-160-200-250-315	32	45	22	29	42	70	70/85	14.3	7.5	63.8	63.8	50	6	9.9	112,000
MC 224	160-200-250-315-400-500	43	60	31	41	60	100	100/120	20.3	10	82.9	82.9	70	8	18.6	224,000

Deep Link Hollow Bearing Pin Chain

Part No.	Pitch p	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Wt. kg
											no roller	A	B	D	
MCT 28	63	*	35	20	9	35	22.5	25	56	BSP	2.6	3.8	5.0	5.2	0.03
	80	20		40						30x30x3	2.4	3.3	4.3	4.4	0.06
	100	40		60							2.2	2.9	3.7	3.8	0.09
	125	65		85							2.0	2.6	3.2	3.3	0.12
	160	65		85							1.9	2.3	2.8	2.9	0.12
MCT 56	80	*	44	25	11	50	32.5	35	76	BSP	3.5	4.9	5.7	6.0	0.06
	100	*		25						BSP	3.3	4.4	5.0	5.2	0.06
	125	50		75						40x40x4	3.1	4.0	4.5	4.6	0.18
	160	85		110							2.9	3.6	4.0	4.1	0.27
	200	125		150							2.7	3.3	3.6	3.7	0.36
	250	125		150							2.6	3.1	3.3	3.4	0.36

Dimensions in **mm**. * = only one hole.
BSP = Bent Side Plate (attachment and side plate stamped from one piece)

Metric Conveyor Chain

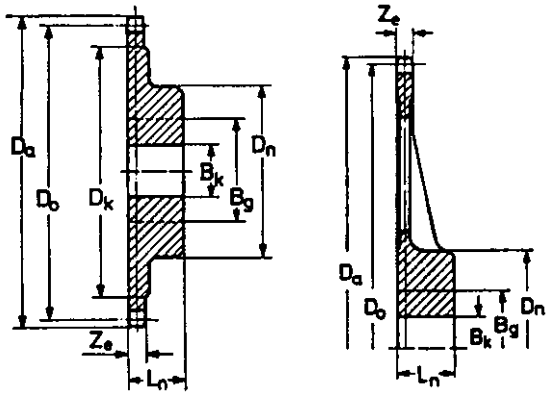
Deep Link Hollow Bearing Pin Chain
DIN 8167/ISO 1977

Part No.	Pitch p	a_1	a_2	B max.	d max.	h_1	h_2	H	W_1	Angle Profile	Weight kg/m (as per roller type)				Attach. Wt. kg
											no roller	A	B	D	
MCT 112	100	*	55	30	14	70	45	45	96	50x50x6	8.5	9.9	12.9	13.5	0.13
	125	*		30							7.6	8.9	11.3	11.7	0.13
	160	50		80							6.9	8.0	9.9	10.2	0.36
	200	85		115							6.5	7.3	8.8	9.1	0.51
	250	145		175							6.1	6.8	8.0	8.2	0.78
	315	145		175							5.3	5.8	6.8	6.9	0.78
MCT 224	160	*	70	35	18	100	65	65	110	60x60x8	13.6	16.4	27.0	28.7	0.25
	200	50		85							12.6	13.5	22.0	23.4	0.60
	250	100		135							11.9	12.5	19.4	20.5	0.96
	315	155		190							11.2	11.8	17.4	18.0	1.35
	400	155		190							-	-	-	-	-
	500	155		190							-	-	-	-	-

Dimensions in **mm**. * = only one hole.

Conveyor Chain Sprockets

These conveyor chain sprockets can be used with standard or deep link solid pin or hollow pin conveyor chains. Sprockets can be supplied with finished bore sizes as required.

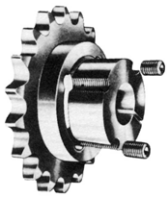


Size	Pitch p	Teeth	Size	Pitch p	Teeth	Size	Pitch p	Teeth
M20	40	10	M28	63	16	M40	125	8
		16			24			10
		24			40			12
		40		80	8		160	8
	50	10			10			10
		16			16			12
		24			24	M56	63	10
		40		100	8			16
	63	10			10			24
		16			12		80	8
		24		125	8			10
		40			10			16
	80	8			12			24
		10	M40	63	10		100	8
		16			16			10
		24			24			12
	100	8			40			16
		10		80	8		125	8
		12			10			10
		16			16			12
M28	50	10			24	M80	80	8
		16		100	8			10
		24			10		160	10
		40			12			12
	63	10			16	M80	80	8

Size	Pitch p	Teet	Size	Pitch p	Teeth	Size	Pitch p	Teeth
M80	80	10	M112	125	10	M224	125	10
		16			12			12
		24		160	8		160	8
	100	8			10			10
		10			12			12
		12		200	8		200	8
		16			10			10
	125	8			12			12
		10	M160	100	8		250	8
		12			10			10
	160	8			12			12
		10		125	8	M315	160	8
		12			10			10
	200	8			12			12
		10		160	8		200	8
		12			10			10
M112	80	8			12			12
		10		200	8		250	8
		16			10			10
		24			12			12
	100	8		250	8			
		10			10			
		12			12			
		16			16			
	125	8	M224	125	8			

Metric Sprockets Overview

TL Taper Bushed Metric Sprockets



TL Sprockets are stocked in a wide variety of sizes including ISO 06B, 08B, 10B, 12B, 16B and 20B chain sizes (3/8 to 1-1/4" pitch) for single, double and triple chain. These mount with standard TL tapered bushings from 1008 thru 5050 (i.e., thru a 5" or 125mm shaft diameter). TL Sprockets are available in a wide range of diameters to accommodate various application speeds. The more popular sizes are stocked with hardened teeth. The C45 material, standard steel sprockets, allows for induction hardening of teeth. So all can be heat treated Hardened Teeth on request. The TL Taper Bushed Sprocket provides a true concentric fit to the shaft. As the TL bushing screws are tightened, the bushing compresses around the shaft securely. Standard hex wrenches are the only tool required for installation or removal. Once the bushing mounting screws are loosened and removed, the screw is re-used and threaded into the bushing removal hole. Tightening the removal screw will gently loosen the sprocket. PTI stocks both metric and inch bore TL bushings, a standard global design, which is why the TL sprocket is so versatile. Ease of installation, concentric shaft fit, suitable for higher speeds and heavy loads plus an economical cost, make this the popular choice for new designs and replacement needs. TL sprockets are generally less expensive than custom or finished bored sprockets.

Hub Type Metric Sprockets



Hub Type Metric Sprockets are available with a minimum plain bore (pilot bore) and some stock finished bore sizes. Any shaft size is possible with our custom bore and keyway capability. Sprockets with hubs are typically fitted to the shaft as a clearance fit. They are held in place with two set screws and a keyway. Clearance fits are popular for light loads and slow speeds. A press fit (or shrink fit to the shaft) is usually preferred for higher speeds or heavier loads as they fit to the shaft more securely than a clearance fit sprocket. Depending on the clearance of the shaft fit, sprockets may work slightly on the shaft causing possible fretting or shaft wear. All standard hub sprockets are available with hardened teeth from stock or on request.



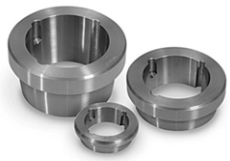
Press fits usually require the sprocket to be heated for installation to expand the bore. As a heated sprocket cools, it shrinks, conforming to the shaft with a tight grip. A set screw secures the key. The TL Taper Bushed Sprocket will function like the press fit sprocket and generally easier to install.



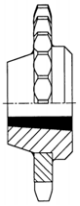
Plate Type Metric Sprockets

Plate Sprockets for single, double or triple strand chain are an economical choice allowing for direct mounting to the customers' hub or shaft. They are most frequently considered for sprockets above 40 teeth and are available in a wide range of diameters. Plate type sprockets can be welded or bolted directly to the users' hub keeping equipment compact and light weight. They are available in single, double and triple tooth configurations as well.

Weld on Hubs



A Weld-On-Hub is often used to simplify mounting, especially large diameter sprockets. PTI stocks standard TL Weld-On-Hub sizes. The Weld–On-Hub uses the standard TL bushings as do many of the other standard drive components. TL Bushings are stocked in both metric and inch bores.



TL Bushings for Weld-On-Hubs or TL Bushed Sprockets



TL Taper Bushings for Weld-On-Hubs and sprockets are stocked from 1008 thru 5050 sizes covering 5" or 125mm shaft sizes. TL Bushings are ideal for replacements and a contemporary solution for upgrading clearance fit and press fit sprockets. TL Bushings are used in a wide variety of other European and American standard drive products.

Stainless Steel Metric Sprockets



Stainless Steel (AISI 304L) Metric Sprockets provide corrosion resistance and allow wash-down capability. These hub type sprockets can be provided with a finished bore and keyway. Stainless Sprockets cannot be hardened. PTI stocks sizes from ISO 06B thru 16B (3/8" -1" pitch) and from 12 to 25 & 30 teeth. Larger sizes available on request. TL Bushed version also on request.

Metric Idler and Double-Single Sprockets



Metric Idler Sprockets are plate sprockets with a ball bearing for mounting. These sprockets generally provide tension for the chain drive and can be used within a tension arm assembly or individually mounted to position the drive. Stock sizes are available for ISO 05B thru 20B metric chain sizes.



Double-Single Sprockets, popular on conveyors, allow 2 single chains on a single sprocket to control pairs of rolls or drive units that must index.

Custom Metric or ANSI Sprockets

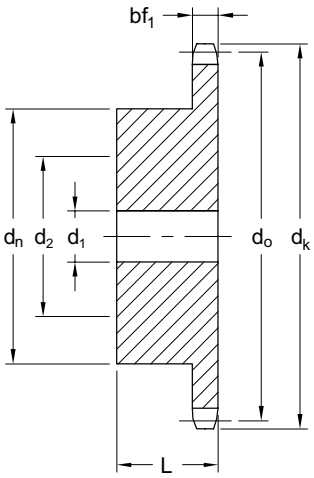


Custom sprockets including large diameter steel or cast iron units for single, duplex or triple strand chain can be made to order. PTI typically keeps some stock in our European warehouse, so delivery could be rather quick. Other custom sprockets sizes for Metric conveyor chain or ANSI chain are also possible. Drawings are preferred to insure requirements are clear. All are possible with custom finished bore or bored for a TL taper bushing.

Metric Sprockets

ISO 03B Hub Type B

Chain Size: 03B-1
(5" x 2.5 mm)
Pitch: 5 mm
Roller Width: 2.5 mm
Roller Dia.: 3.2 mm
Spkt. Width: 2.3 mm (bf_1)
Material: Steel C 45





Chain Size: 03B-1 (5 x 2.5mm)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	L mm	Weight kg
03B-8B	8	15.2	13.06	7	4	10	0.005
03B-9B	9	16.8	14.62	8	5	10	0.006
03B-10B	10	18.3	16.18	9	5	10	0.008
03B-11B	11	19.9	17.75	11	6	10	0.011
03B-12B	12	21.5	19.32	12	6	10	0.015
03B-13B	13	23.0	20.89	14	6	10	0.021
03B-14B	14	24.6	22.47	15	6	10	0.023
03B-15B	15	26.2	24.04	16	6	10	0.025
03B-16B	16	27.8	25.63	18	8	13	0.032
03B-17B	17	29.4	27.20	18	8	13	0.035
03B-18B	18	30.9	28.79	18	8	13	0.037
03B-19B	19	32.5	30.38	18	8	13	0.039
03B-20B	20	34.1	31.96	18	8	13	0.040
03B-21B	21	35.7	33.54	20	8	13	0.056
03B-22B	22	37.3	35.13	20	8	13	0.059
03B-23B	23	38.9	36.72	20	8	13	0.063
03B-24B	24	40.5	38.30	20	8	13	0.065
03B-25B	25	42.0	39.89	20	8	13	0.068
03B-26B	26	43.6	41.48	25	8	15	0.095
03B-27B	27	45.2	43.07	25	8	15	0.105
03B-28B	28	46.8	44.65	25	8	15	0.106
03B-29B	29	48.4	46.25	25	8	15	0.107
03B-30B	30	50.0	47.83	25	8	15	0.109
03B-31B	31	51.6	49.42	30	8	15	0.110
03B-32B	32	53.2	51.01	30	8	15	0.112
03B-33B	33	54.8	52.60	30	8	15	0.115
03B-34B	34	56.3	54.19	30	8	15	0.120
03B-35B	35	57.9	55.78	30	8	15	0.125
03B-36B	36	59.5	57.37	30	8	15	0.130
03B-37B	37	61.1	58.96	30	8	15	0.136
03B-38B	38	62.7	60.54	30	8	15	0.140
03B-39B	39	64.3	62.13	30	8	15	0.144
03B-40B	40	65.9	63.73	30	8	15	0.145

Note: Plate Type available on request. Hub can be removed (machined off).

Metric Sprockets

ISO 03B Plate Type A

DIN 8187/ISO R 606

Chain Size: 03B-1 (5 x 2.5mm)

Pitch: 5 mm

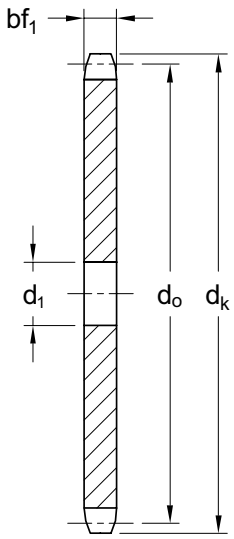
Roller Width: 2.5 mm

Roller Dia.: 3.2 mm

Spkt. Width: 2.3 mm (bf_1)

Material: Steel C45





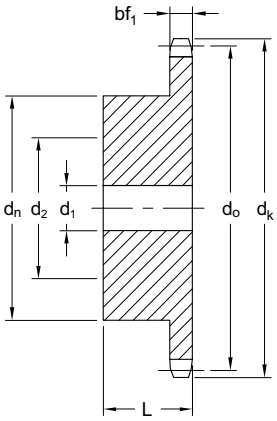
Note:
Double and triple sprockets including stainless steel available on request.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
03B-41A	41	67.5	65.31	8	0.04
03B-42A	42	69.1	66.91	8	0.05
03B-43A	43	70.6	68.49	8	0.06
03B-44A	44	72.2	70.09	8	0.07
03B-45A	45	73.8	71.68	8	0.08
03B-46A	46	75.4	73.27	8	0.09
03B-47A	47	77.0	74.86	8	0.10
03B-48A	48	78.6	76.45	8	0.11
03B-49A	49	80.2	78.03	8	0.12
03B-50A	50	81.8	79.63	8	0.13
03B-51A	51	83.4	81.22	10	0.14
03B-52A	52	85.0	82.81	10	0.15
03B-53A	53	86.6	84.40	10	0.16
03B-54A	54	88.1	85.97	10	0.17
03B-55A	55	89.7	87.58	10	0.18
03B-56A	56	91.3	89.17	10	0.19
03B-57A	57	92.9	90.76	10	0.20
03B-58A	58	94.5	92.35	10	0.21
03B-59A	59	96.1	93.94	10	0.22
03B-60A	60	97.7	95.53	10	0.23
03B-62A	62	100.9	98.72	12	0.24
03B-64A	64	104.1	101.90	12	0.25
03B-65A	65	105.6	103.49	12	0.26
03B-66A	66	107.2	105.08	12	0.27
03B-68A	68	110.4	108.26	12	0.28
03B-70A	70	113.6	111.44	12	0.29
03B-72A	72	116.8	114.63	12	0.30
03B-75A	75	121.6	119.40	12	0.31
03B-76A	76	123.1	120.99	12	0.32
03B-78A	78	126.3	124.17	12	0.33
03B-80A	80	129.5	127.35	12	0.34
03B-85A	85	137.5	135.31	14	0.35
03B-90A	90	145.4	143.27	14	0.36
03B-95A	95	153.4	151.22	14	0.37
03B-100A	100	161.3	159.18	14	0.38
03B-110A	110	177.2	175.09	14	0.39
03B-114A	114	183.6	181.46	14	0.40
03B-120A	120	193.2	191.01	14	0.41
03B-125A	125	201.1	198.96	14	0.42

Metric Sprockets

ISO 04B & 05B Hub Type B





Parameters	04B-1	05B-1
Chain Pitch	6 mm	8 mm
Roller Width	2.8 mm	3 mm
Roller Dia.	4 mm	5 mm
Sprocket Width bf_1	2.6 mm	2.8 mm
Material	Steel C45	Steel C45

Chain Size: 04B-1 (6 x 2.8mm)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	L mm	Weight kg
04B-8B	8	15.67	18.0	9.8	5	10	0.01
04B-9B	9	17.54	19.9	11.5	5	10	0.01
04B-10B	10	19.42	21.7	13	6	10	0.01
04B-11B	11	21.30	23.6	14	6	10	0.01
04B-12B	12	23.18	25.4	16	6	10	0.02
04B-13B	13	25.05	27.3	18	8	10	0.02
04B-14B	14	26.96	29.2	20	8	10	0.03
04B-15B	15	28.86	31.1	20	8	10	0.03
04B-16B	16	30.76	33.3	20	8	13	0.04
04B-17B	17	32.65	35.0	20	8	13	0.04
04B-18B	18	34.55	36.9	20	8	13	0.05
04B-19B	19	36.44	38.8	20	8	13	0.05
04B-20B	20	38.34	40.7	20	8	13	0.06
04B-21B	21	40.25	42.6	25	8	13	0.06
04B-22B	22	42.16	44.5	25	8	13	0.06
04B-23B	23	44.06	46.4	25	8	13	0.06
04B-24B	24	45.96	48.3	25	8	13	0.06
04B-25B	25	47.87	50.2	25	8	13	0.07
04B-26B	26	49.77	52.1	30	8	15	0.15
04B-27B	27	51.67	54.0	30	8	15	0.15
04B-28B	28	53.58	55.9	30	8	15	0.15
04B-29B	29	55.50	57.8	30	8	15	0.15
04B-30B	30	57.42	59.8	30	8	15	0.15
04B-31B	31	59.31	61.7	30	8	15	0.15
04B-32B	32	61.21	63.6	30	8	15	0.16
04B-33B	33	63.11	65.5	30	8	15	0.16
04B-34B	34	65.02	67.4	30	8	15	0.16
04B-35B	35	66.93	69.3	30	8	15	0.16
04B-36B	36	68.84	71.2	30	8	15	0.16
04B-37B	37	70.75	73.1	30	8	15	0.16
04B-38B	38	72.66	75.0	30	8	15	0.16
04B-39B	39	74.56	76.9	30	8	15	0.16
04B-40B	40	76.47	78.9	30	8	15	0.16
04B-45B	45	86.01	88.5	40	10	18	0.50
04B-50B	50	95.55	98.0	50	12	20	0.50
04B-57B	57	108.93	111.4	50	12	20	0.60

Chain Size: 05B-1 (8 x 3.0mm)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	L mm	Weight kg
05B-8B	8	20.90	24.0	13	6	12	0.02
05B-9B	9	23.39	26.6	15	6	12	0.02
05B-10B	10	25.89	29.2	17	8	12	0.02
05B-11B	11	28.39	31.7	18	8	13	0.03
05B-12B	12	30.91	34.2	20	8	13	0.03
05B-13B	13	33.42	36.7	23	8	13	0.05
05B-14B	14	35.95	39.2	25	8	13	0.05
05B-15B	15	38.48	41.7	28	8	13	0.07
05B-16B	16	41.01	44.3	30	8	14	0.08
05B-17B	17	43.53	46.8	30	8	14	0.08
05B-18B	18	46.07	49.3	30	8	14	0.09
05B-19B	19	48.61	51.9	30	8	14	0.09
05B-20B	20	51.14	54.4	30	8	14	0.10
05B-21B	21	53.67	57.0	35	8	14	0.12
05B-22B	22	56.21	59.5	35	8	14	0.13
05B-23B	23	58.75	62.0	35	8	14	0.14
05B-24B	24	61.29	64.6	35	8	14	0.14
05B-25B	25	63.83	67.5	35	8	14	0.14
05B-26B	26	66.37	69.5	40	10	16	0.14
05B-27B	27	68.91	72.2	40	10	16	0.20
05B-28B	28	71.45	74.8	40	10	16	0.21
05B-29B	29	73.99	77.3	40	10	16	0.21
05B-30B	30	76.53	79.8	40	10	16	0.22
05B-31B	31	79.08	82.4	40	10	16	0.22
05B-32B	32	81.61	84.9	40	10	16	0.24
05B-33B	33	84.16	87.5	40	10	16	0.24
05B-34B	34	86.70	90.0	40	10	16	0.24
05B-35B	35	89.24	92.5	40	10	16	0.24
05B-36B	36	91.79	95.0	40	10	16	0.24
05B-37B	37	94.33	97.6	40	10	16	0.24
05B-38B	38	96.88	100.2	40	10	16	0.28
05B-39B	39	99.42	102.7	40	10	16	0.28
05B-40B	40	101.97	105.3	40	10	16	0.28
05B-45B	45	114.69	118.0	60	12	20	0.88
05B-50B	50	127.41	130.7	60	12	20	0.88
05B-57B	57	145.22	148.6	80	14	20	1.20

Note: Double and triple sprockets including stainless steel available on request.

Metric Sprockets

ISO 04B Plate Type A

DIN 8187/ISO R 606

Chain Size: 04B-1 (6 x 2.8mm)

Pitch: 6 mm

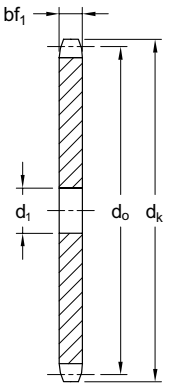
Roller Width: 2.8 mm

Roller Dia.: 4 mm

Spkt. Width: 2.6 mm (bf_1)

Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
04B-8A	8	18.0	15.67	5	0.003
04B-9A	9	19.9	17.54	5	0.004
04B-10A	10	21.7	19.42	6	0.005
04B-11A	11	23.7	21.30	6	0.006
04B-12A	12	25.4	23.18	6	0.007
04B-13A	13	27.3	25.05	8	0.008
04B-14A	14	29.2	26.96	8	0.009
04B-15A	15	31.1	28.86	8	0.011
04B-16A	16	33.0	30.76	8	0.012
04B-17A	17	35.0	32.65	8	0.013
04B-18A	18	36.9	34.55	8	0.014
04B-19A	19	38.8	36.44	8	0.017
04B-20A	20	40.7	38.34	8	0.020
04B-21A	21	42.6	40.25	8	0.022
04B-22A	22	44.5	42.16	8	0.023
04B-23A	23	46.4	44.06	8	0.027
04B-24A	24	48.3	45.96	8	0.028
04B-25A	25	50.2	47.87	8	0.030
04B-26A	26	52.1	49.77	8	0.032
04B-27A	27	54.0	51.67	8	0.035
04B-28A	28	55.9	53.58	8	0.038
04B-29A	29	57.8	55.50	8	0.040
04B-30A	30	59.8	57.42	8	0.046
04B-31A	31	61.7	59.31	8	0.050
04B-32A	32	63.6	61.21	8	0.051
04B-33A	33	65.5	63.11	8	0.052
04B-34A	34	67.4	65.02	8	0.058
04B-35A	35	69.3	66.93	8	0.060
04B-36A	36	71.2	68.84	8	0.063
04B-37A	37	73.1	70.75	8	0.071
04B-38A	38	75.0	72.66	8	0.072
04B-39A	39	76.9	74.56	8	0.073
04B-40A	40	78.9	76.47	8	0.078
04B-41A	41	80.8	78.38	8	0.085
04B-42A	42	82.7	80.28	8	0.092
04B-43A	43	84.7	82.19	8	0.100

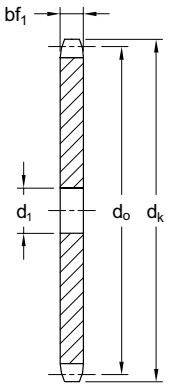
Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
04B-44A	44	86.6	84.10	10	0.106
04B-45A	45	88.5	86.01	10	0.110
04B-46A	46	90.4	87.92	10	0.114
04B-47A	47	92.3	89.83	10	0.118
04B-48A	48	94.2	91.74	10	0.122
04B-49A	49	96.1	93.64	10	0.126
04B-50A	50	98.0	95.55	10	0.130
04B-51A	51	99.9	97.47	12	0.137
04B-52A	52	101.8	99.37	12	0.145
04B-53A	53	103.7	101.27	12	0.160
04B-54A	54	105.6	103.17	12	0.175
04B-55A	55	107.6	105.08	12	0.195
04B-56A	56	109.5	107.00	12	0.215
04B-57A	57	111.4	108.93	12	0.250
04B-58A	58	113.3	110.82	12	0.255
04B-59A	59	115.2	112.71	12	0.270
04B-60A	60	117.1	114.62	12	0.275
04B-62A	62	120.9	118.45	14	0.300
04B-64A	64	124.7	122.27	14	0.310
04B-65A	65	126.6	124.18	14	0.225
04B-66A	66	128.5	126.09	14	0.330
04B-68A	68	132.4	129.91	14	0.360
04B-70A	70	136.2	133.73	14	0.370
04B-72A	72	140.0	137.55	16	0.380
04B-75A	75	145.7	143.28	16	0.300
04B-76A	76	147.6	145.19	16	0.310
04B-78A	78	151.5	149.01	16	0.500
04B-80A	80	155.3	152.82	16	0.500
04B-85A	85	164.8	162.37	16	0.600
04B-90A	90	174.4	171.92	16	0.670
04B-95A	95	183.9	181.47	16	0.800
04B-100A	100	193.5	191.01	16	1.000
04B-110A	110	211.6	210.11	16	1.100
04B-114A	114	220.2	217.75	16	1.100
04B-120A	120	231.7	229.20	16	1.200
04B-125A	125	241.2	283.75	16	1.300

Metric Sprockets

ISO 05B Plate Type A

DIN 8187/ISO R 606





Chain Size: 05B-1 (8 x 3mm)
Pitch: 8 mm
Roller Width: 3 mm
Roller Dia.: 5 mm
Spkt. Width: 2.8 mm (bf_1)
Material: Steel C45

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
05B-8A	8	24.0	20.90	6	0.006
05B-9A	9	26.6	23.39	6	0.007
05B-10A	10	29.2	25.89	8	0.009
05B-11A	11	31.7	28.39	8	0.011
05B-12A	12	34.2	30.91	8	0.010
05B-13A	13	36.7	33.42	8	0.018
05B-14A	14	39.2	35.95	8	0.019
05B-15A	15	41.7	38.48	8	0.024
05B-16A	16	44.3	41.01	8	0.024
05B-17A	17	46.8	43.53	8	0.025
05B-18A	18	49.3	46.07	8	0.026
05B-19A	19	51.9	48.61	8	0.031
05B-20A	20	54.4	51.14	8	0.038
05B-21A	21	57.0	53.67	8	0.040
05B-22A	22	59.5	56.21	8	0.045
05B-23A	23	62.0	58.75	8	0.050
05B-24A	24	64.6	61.29	8	0.060
05B-25A	25	67.5	63.83	8	0.066
05B-26A	26	69.5	66.37	10	0.068
05B-27A	27	72.2	68.91	10	0.076
05B-28A	28	74.8	71.45	10	0.080
05B-29A	29	77.3	73.99	10	0.085
05B-30A	30	79.8	76.53	10	0.087
05B-31A	31	82.4	79.08	10	0.090
05B-32A	32	84.9	81.61	10	0.093
05B-33A	33	87.5	84.16	10	0.108
05B-34A	34	90.0	86.70	10	0.120
05B-35A	35	92.5	89.24	10	0.125
05B-36A	36	95.0	91.79	10	0.130
05B-37A	37	97.6	94.33	10	0.145
05B-38A	38	100.2	96.88	10	0.160
05B-39A	39	102.7	99.42	10	0.180
05B-40A	40	105.2	101.97	10	0.200
05B-41A	41	107.8	104.51	12	0.170
05B-42A	42	110.4	107.05	12	0.185
05B-43A	43	112.9	109.60	12	0.200

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
05B-44A	44	115.5	112.14	14	0.21
05B-45A	45	118.0	114.69	12	0.22
05B-46A	46	120.6	117.23	12	0.24
05B-47A	47	123.1	119.77	12	0.25
05B-48A	48	125.6	122.32	12	0.27
05B-49A	49	128.2	124.86	12	0.32
05B-50A	50	130.7	127.41	12	0.34
05B-51A	51	133.3	129.95	14	0.38
05B-52A	52	135.8	132.49	14	0.36
05B-53A	53	138.4	135.04	14	0.375
05B-54A	54	140.9	137.59	14	0.385
05B-55A	55	143.5	140.13	14	0.40
05B-56A	56	146.0	142.68	14	0.425
05B-57A	57	148.6	145.22	14	0.45
05B-58A	58	151.0	147.77	14	0.465
05B-59A	59	153.6	150.31	14	0.49
05B-60A	60	156.2	152.85	14	0.50
05B-62A	62	162.0	157.95	16	0.52
05B-64A	64	167.1	163.04	16	0.55
05B-65A	65	169.2	165.58	16	0.62
05B-66A	66	172.2	168.13	16	0.65
05B-68A	68	177.3	173.22	16	0.68
05B-70A	70	182.4	178.31	16	0.73
05B-72A	72	187.5	183.41	20	0.80
05B-75A	75	195.1	191.04	20	0.82
05B-76A	76	197.7	193.59	20	0.85
05B-78A	78	202.8	198.68	20	0.87
05B-80A	80	207.9	203.77	20	0.80
05B-85A	85	220.6	216.50	20	1.07
05B-90A	90	233.4	229.23	20	1.21
05B-95A	95	246.1	241.96	20	1.325
05B-100A	100	258.9	254.68	20	1.535
05B-110A	110	284.3	280.15	20	1.60
05B-114A	114	294.5	290.33	20	1.70
05B-120A	120	310.0	305.61	20	1.80
05B-125A	125	322.5	318.34	20	1.90

Metric Sprockets

Taper Bushed Type TL

ISO 06B, DIN 8187 - ISO/R 606

Single, Double, Triple

Standard and Hardened Teeth

Material: Steel C45 E

Drawing Dimensions	Sprocket Size
	06B
h1	5.3
h2	15.4
h3	25.6
L	5.2

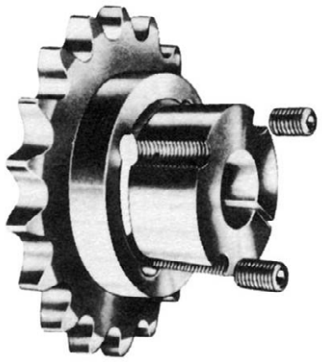
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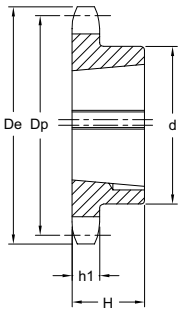
06B = Chain Size

18 = Number of Teeth

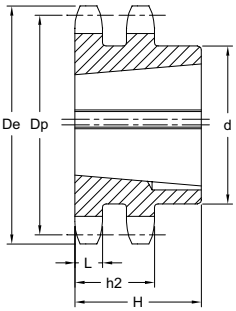
H = Hardened Teeth

TL-1008 =TL Bushing Size

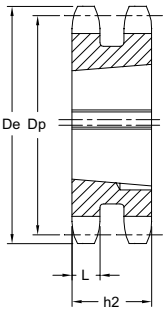




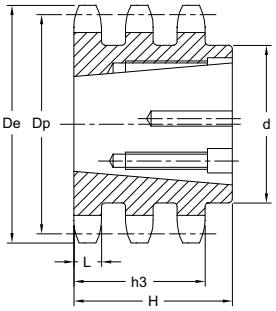
Type 1



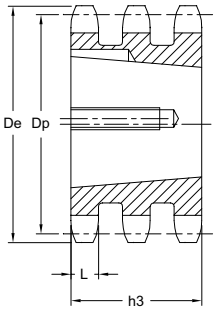
Type 2



Type 3



Type 4



Type 5

Dimensions in **mm**

Chain Size 3/8" x 7/32"	Teeth	D_e	D_p	Single				Double				Triple			
				Part No.	Type	d	H	Part No.	Type	d	H	Part No.	Type	d	H
06B	17	55.3	51.83	06B-17HTL-1008	1	45	22	06B-2-17TL-1008	2	41	22	06B-3-17TL-1008	5	—	25.6
	18	58.3	54.85	06B-18TL-1008	1	45	22	06B-2-18TL-1008	2	43	22	—	—	—	—
	19	61.3	57.87	06B-19HTL-1008	1	45	22	06B-2-19TL-1008	2	46	22	06B-3-19TL-1008	5	—	25.6
	20	64.3	60.89	06B-20TL-1008	1	46	22	06B-2-20TL-1008	2	48	22	—	—	—	—
	21	68.0	63.91	06B-21HTL-1008	1	46	22	06B-2-21TL-1008	2	49	22	06B-3-21TL-1008	5	—	25.6
	22	71.0	66.93	06B-22TL-1108	1	50	22	06B-2-22TL-1108	2	52	22	—	—	—	—
	23	73.5	69.95	06B-23HTL-1210	1	63	25	06B-2-23TL-1210	2	59	25	06B-3-23TL-1210	5	—	25.6
	24	77.0	72.97	06B-24TL-1210	1	63	25	06B-2-24TL-1210	2	61	25	—	—	—	—
	25	80.0	76.02	06B-25HTL-1210	1	63	25	06B-2-25TL-1210	2	64	25	06B-3-25TL-1210	5	—	25.6
	26	83.0	79.02	06B-26TL-1210	1	63	25	06B-2-26TL-1210	2	65	25	—	—	—	—
	27	86.0	82.02	06B-27HTL-1210	1	63	25	06B-2-27TL-1210	2	70	25	06B-3-27TL-1210	5	—	25.6
	28	89.0	85.07	06B-28TL-1210	1	63	25	06B-2-28TL-1210	2	70	25	—	—	—	—
	30	94.7	91.12	06B-30HTL-1210	1	63	25	06B-2-30TL-1210	2	75	25	06B-3-30TL-1615	4	79	38
	38	119.5	115.35	06B-38TL-1210	1	70	25	06B-2-38TL-1610	2	80	25	06B-3-38TL-1615	4	90	38
	45	140.7	136.55	06B-45TL-1210	1	70	25	06B-2-45TL-1610	2	80	25	—	—	—	—
	57	176.9	172.91	06B-57TL-1210	1	70	25	06B-2-57TL-1610	2	80	25	—	—	—	—
	76	234.9	230.49	06B-76TL-1210	1	70	25	06B-2-76TL-1610	2	80	25	—	—	—	—
	95	292.5	288.08	06B-95TL-1210	1	80	25	06B-2-95TL-1610	2	90	25	—	—	—	—
	114	349.5	345.68	06B-114TL-1215	1	80	38	06B-2-114TL-1615	2	95	38	—	—	—	—

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

Metric Sprockets

Standard, Hardened Teeth and Stainless Steel

ISO 06B Hub Type B

DIN 8187/ISO R 606

Chain Size: **06B-1 (3/8" x 7/32")**
Pitch: 9.525 mm
Roller Width: 5.72 mm
Roller Dia.: 6.35 mm
Spkt. Width: 5.3 mm (bf_1)
Material: Standard Steel C45
Material: Stainless Steel 304L



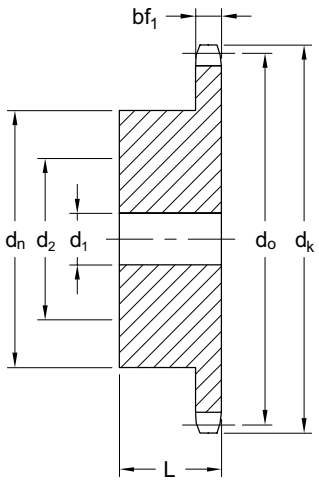
Standard



Hardened Teeth



Stainless Steel



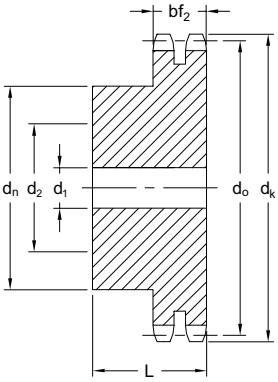
Part No. Standard	Part No. Hardened Teeth	Part No. Stainless Steel	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
06B-8B	—	—	8	24.89	28.0	15	8	10	22	0.03
06B-9B	—	—	9	27.85	31.0	18	8	11	22	0.04
06B-10B	—	—	10	30.82	34.0	20	8	12	22	0.05
06B-11B	—	—	11	33.80	37.0	22	8	14	25	0.07
06B-12B	—	—	12	36.80	40.0	25	8	16	25	0.10
06B-13B	06B-13BH	06B-13BSS	13	39.80	43.0	28	10	18	25	0.13
06B-14B	06B-14BH	06B-14BSS	14	42.80	46.3	31	10	20	25	0.15
06B-15B	06B-15BH	06B-15BSS	15	45.81	49.3	34	10	22	25	0.18
06B-16B	06B-16BH	06B-16BSS	16	48.82	52.3	37	10	22	28	0.24
06B-17B	06B-17BH	06B-17BSS	17	51.83	55.3	40	10	25	28	0.28
06B-18B	06B-18BH	06B-18BSS	18	54.85	58.3	43	10	27	28	0.30
06B-19B	06B-19BH	06B-19BSS	19	57.87	61.3	45	10	28	28	0.35
06B-20B	06B-20BH	06B-20BSS	20	60.89	64.3	46	10	29	28	0.40
06B-21B	06B-21BH	06B-21BSS	21	63.91	68.0	48	12	30	28	0.44
06B-22B	06B-22BH	06B-22BSS	22	66.93	71.0	50	12	30	28	0.47
06B-23B	06B-23BH	06B-23BSS	23	69.95	73.5	52	12	32	28	0.50
06B-24B	06B-24BH	06B-24BSS	24	72.97	77.0	54	12	34	28	0.60
06B-25B	06B-25BH	06B-25BSS	25	76.00	80.0	57	12	36	28	0.60
06B-26B	—	—	26	79.02	83.0	60	12	38	28	0.65
06B-27B	—	—	27	82.04	86.0	60	12	38	28	0.69
06B-28B	—	—	28	85.07	89.0	60	12	38	28	0.70
06B-29B	—	—	29	88.09	92.0	60	12	38	28	0.80
06B-30B	06B-30BH	06B-30BSS	30	91.12	94.7	60	12	38	30	0.90
06B-31B	—	—	31	94.15	98.3	65	14	42	30	0.98
06B-32B	—	—	32	97.17	101.3	65	14	42	30	1.05
06B-33B	—	—	33	100.20	104.3	65	14	42	30	1.10
06B-34B	—	—	34	103.23	107.3	65	14	42	30	1.12
06B-35B	—	—	35	106.26	110.4	65	14	42	30	1.12
06B-36B	—	—	36	109.29	113.4	70	16	45	30	1.13
06B-37B	—	—	37	112.32	116.4	70	16	45	30	1.14
06B-38B	—	—	38	115.34	119.5	70	16	45	30	1.15
06B-39B	—	—	39	118.37	122.5	70	16	45	30	1.16
06B-40B	—	—	40	121.40	125.5	70	16	45	30	1.18

Note: All sizes can be Induction Hardened. Finish Bore and Keyway available on request. Other Stainless sizes available on request

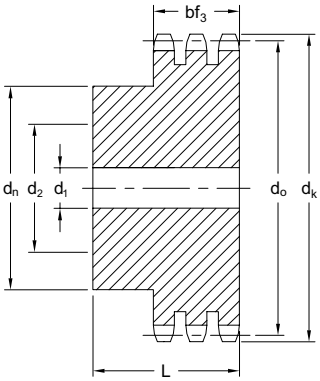
Metric Sprockets

ISO 06B-2 and 06B-3 Hub Type B









Chain Size: 06B-2 (3/8" x 7/32")
Spkt Width: 15.4mm (bf_2)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
06B-2-8B	8	24.89	28.0	15	6	10	22	0.04
06B-2-9B	9	27.85	31.0	18	8	11	22	0.05
06B-2-10B	10	30.82	34.0	20	8	12	22	0.07
06B-2-11B	11	33.80	37.0	22	10	14	25	0.08
06B-2-12B	12	36.80	40.0	25	10	16	25	0.09
06B-2-13B	13	39.80	43.0	28	10	18	25	0.15
06B-2-14B	14	42.80	46.3	31	10	20	25	0.16
06B-2-15B	15	45.81	49.3	34	10	22	25	0.23
06B-2-16B	16	48.82	52.3	37	12	22	30	0.25
06B-2-17B	17	51.83	55.3	40	12	25	30	0.30
06B-2-18B	18	54.85	58.3	43	12	27	30	0.35
06B-2-19B	19	57.87	61.3	46	12	29	30	0.40
06B-2-20B	20	60.89	64.3	49	12	31	30	0.46
06B-2-21B	21	63.91	68.0	52	12	32	30	0.53
06B-2-22B	22	66.93	71.0	55	12	35	30	0.59
06B-2-23B	23	69.95	73.5	58	12	37	30	0.64
06B-2-24B	24	72.97	77.0	61	12	40	30	0.74
06B-2-25B	25	76.00	80.0	64	12	41	30	0.78
06B-2-26B	26	79.02	83.0	67	12	43	30	0.87
06B-2-27B	27	82.04	86.0	70	12	45	30	0.95
06B-2-28B	28	85.07	89.0	73	12	47	30	1.02
06B-2-29B	29	88.09	92.0	76	12	48	30	1.10
06B-2-30B	30	91.12	94.7	79	12	49	30	1.18
06B-2-31B	31	94.15	98.3	80	16	50	30	1.26
06B-2-32B	32	97.17	101.3	80	16	50	30	1.35
06B-2-33B	33	100.20	104.3	80	16	50	30	1.42
06B-2-34B	34	103.23	107.3	80	16	50	30	1.50
06B-2-35B	35	106.26	110.4	80	16	50	30	1.57
06B-2-36B	36	109.29	113.4	90	16	56	30	1.64
06B-2-37B	37	112.32	116.4	90	16	56	30	1.75
06B-2-38B	38	115.34	119.5	90	16	56	30	1.85
06B-2-39B	39	118.37	122.5	90	16	56	30	1.90
06B-2-40B	40	121.40	125.5	90	16	56	30	1.95

Chain Size: 06B-3 (3/8" x 7/32")
Spkt Width: 25.6mm (bf_3)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
06B-3-8B	8	24.89	28.0	15	6	10	32	0.02
06B-3-9B	9	27.85	31.0	18	8	11	32	0.03
06B-3-10B	10	30.82	34.0	20	10	12	32	0.09
06B-3-11B	11	33.80	37.0	22	10	14	35	0.11
06B-3-12B	12	36.80	40.0	25	10	16	35	0.15
06B-3-13B	13	39.80	43.0	28	10	18	35	0.19
06B-3-14B	14	42.80	46.3	31	12	20	35	0.22
06B-3-15B	15	45.81	49.3	34	12	22	35	0.26
06B-3-16B	16	48.82	52.3	37	12	22	35	0.30
06B-3-17B	17	51.83	55.3	40	12	25	35	0.36
06B-3-18B	18	54.85	58.3	43	12	27	35	0.44
06B-3-19B	19	57.87	61.3	46	12	29	35	0.50
06B-3-20B	20	60.89	64.3	49	12	31	35	0.56
06B-3-21B	21	63.91	68.0	52	14	32	40	0.70
06B-3-22B	22	66.93	71.0	55	14	35	40	0.78
06B-3-23B	23	69.95	73.5	58	14	37	40	0.85
06B-3-24B	24	72.97	77.0	61	14	40	40	0.95
06B-3-25B	25	76.00	80.0	64	14	41	40	0.94
06B-3-26B	26	79.02	83.0	67	14	43	40	0.96
06B-3-27B	27	82.04	86.0	70	14	45	40	1.00
06B-3-28B	28	85.07	89.0	73	14	47	40	1.35
06B-3-29B	29	88.09	92.0	76	14	48	40	1.50
06B-3-30B	30	91.12	94.7	79	14	49	40	1.60
06B-3-31B	31	94.15	98.3	80	16	50	40	1.70
06B-3-32B	32	97.17	101.3	80	16	50	40	1.75
06B-3-33B	33	100.20	104.3	80	16	50	40	1.88
06B-3-34B	34	103.23	107.3	85	16	53	40	2.03
06B-3-35B	35	106.26	110.4	85	16	53	40	2.15
06B-3-36B	36	109.29	113.4	90	16	56	40	2.28
06B-3-37B	37	112.32	116.4	90	16	56	40	2.40
06B-3-38B	38	115.34	119.5	90	16	56	40	2.50
06B-3-39B	39	118.37	122.5	90	16	56	40	2.60
06B-3-40B	40	121.40	125.5	90	16	56	40	2.75

*Note: Approximate max bore, consult PTI for larger sizes.

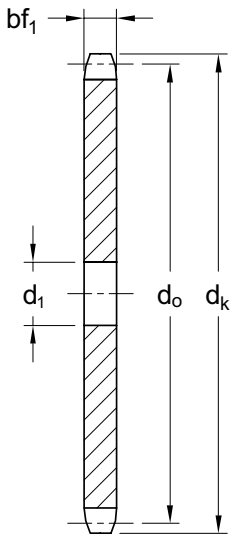
Metric Sprockets

ISO 06B Plate Type A

DIN 8187/ISO R 606

Chain Size: 06B-1 (3/8" x 7/32")
Pitch: 9.525 mm
Roller Width: 5.72 mm
Roller Dia.: 6.35 mm
Spkt. Width: 5.3 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
06B-8A	8	24.89	28.0	6	0.02
06B-9A	9	37.85	31.0	8	0.02
06B-10A	10	30.82	34.0	8	0.02
06B-11A	11	33.81	37.0	8	0.03
06B-12A	12	36.80	40.0	8	0.04
06B-13A	13	39.79	43.0	8	0.04
06B-14A	14	42.81	46.0	8	0.05
06B-15A	15	45.81	50.0	8	0.06
06B-16A	16	48.82	53.0	10	0.06
06B-17A	17	51.84	56.0	10	0.07
06B-18A	18	54.85	58.0	10	0.08
06B-19A	19	57.87	62.0	10	0.09
06B-20A	20	60.89	65.0	10	0.10
06B-21A	21	63.91	68.0	10	0.11
06B-22A	22	66.93	71.0	10	0.12
06B-23A	23	69.95	73.5	10	0.14
06B-24A	24	72.97	77.0	10	0.15
06B-25A	25	76.00	80.0	10	0.16
06B-26A	26	79.02	83.0	10	0.18
06B-27A	27	82.05	86.0	10	0.19
06B-28A	28	85.07	89.0	10	0.20
06B-29A	29	88.09	92.0	10	0.22
06B-30A	30	91.12	94.7	10	0.24
06B-31A	31	94.15	98.3	12	0.26
06B-32A	32	97.18	102.0	12	0.27
06B-33A	33	100.20	104.3	12	0.29
06B-34A	34	103.23	107.3	12	0.31
06B-35A	35	106.26	111.0	12	0.32
06B-36A	36	109.29	114.0	12	0.35
06B-37A	37	112.32	116.4	12	0.37
06B-38A	38	115.34	120.0	12	0.39
06B-39A	39	118.37	122.5	12	0.40
06B-40A	40	121.40	125.5	12	0.41
06B-41A	41	124.43	128.5	16	0.45
06B-42A	42	127.46	131.6	16	0.49
06B-43A	43	130.49	134.6	16	0.51
06B-44A	44	133.52	138.0	16	0.53
06B-45A	45	136.55	141.0	16	0.55
06B-46A	46	139.58	143.7	16	0.57
06B-47A	47	142.61	146.7	16	0.60
06B-48A	48	145.64	150.0	16	0.62
06B-49A	49	148.66	152.7	16	0.65
06B-50A	50	151.70	156.0	16	0.67
06B-54A	54	163.82	168.0	16	0.80
06B-57A	57	172.91	177.0	16	0.90
06B-60A	60	182.00	186.0	16	0.98
06B-65A	65	197.15	202.0	20	1.15
06B-70A	70	212.30	217.0	20	1.34
06B-72A	72	218.37	222.5	20	1.43
06B-76A	76	230.49	235.0	20	1.60
06B-80A	80	242.61	247.5	20	1.75
06B-95A	95	288.08	293.0	20	2.50
06B-100A	100	303.25	307.7	20	2.80
06B-114A	114	345.68	349.5	20	2.98
06B-125A	125	397.02	383.5	20	3.15

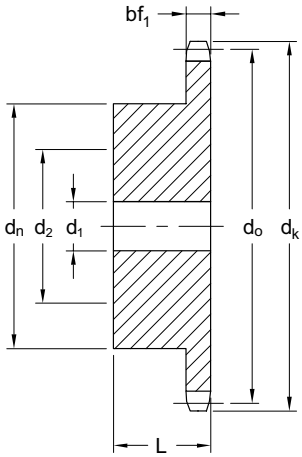
Note:
Double and triple sprockets including stainless steel available on request.

Metric Sprockets

ISO 081B Hub Type B
DIN 8187/ISO R 606

Chain Size: 081B-1 (1/2" x 1/8")
Pitch: 12.7 mm
Roller Width: 3.3 mm
Roller Dia.: 7.75 mm
Spkt. Width: 3 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt kg
081B-8B	8	33.18	39.5	21	8	16	14	0.04
081B-9B	9	37.13	43.4	25	8	18	14	0.06
081B-10B	10	41.10	47.4	28	8	21	14	0.06
081B-11B	11	45.07	51.4	31	8	23	16	0.09
081B-12B	12	49.07	55.4	25	8	26	16	0.13
081B-13B	13	53.06	59.4	39	8	28	16	0.15
081B-14B	14	57.07	63.4	43	8	31	16	0.19
081B-15B	15	61.09	67.4	47	8	31	16	0.22
081B-16B	16	65.01	71.4	50	10	35	18	0.25
081B-17B	17	69.11	75.4	50	10	38	18	0.27
081B-18B	18	73.14	79.4	50	10	40	18	0.30
081B-19B	19	77.16	83.5	50	10	42	18	0.32
081B-20B	20	81.19	87.5	50	10	44	18	0.32
081B-21B	21	85.22	91.5	60	10	44	20	0.50
081B-22B	22	89.24	95.5	60	10	44	20	0.50
081B-23B	23	93.27	99.6	60	10	44	20	0.50
081B-24B	24	97.29	103.6	60	10	44	20	0.51
081B-25B	25	101.33	107.6	60	10	44	20	0.56
081B-26B	26	105.36	111.7	70	12	44	20	0.61
081B-27B	27	109.40	115.7	70	12	44	20	0.67
081B-28B	28	113.42	119.7	70	12	44	20	0.70
081B-29B	29	117.46	123.8	70	12	50	20	0.71
081B-30B	30	121.50	127.8	70	12	50	20	0.75
081B-31B	31	125.54	131.8	70	12	56	20	0.76
081B-32B	32	129.56	135.9	70	12	56	20	0.77
081B-33B	33	133.60	139.9	70	12	56	20	0.77
081B-34B	34	137.64	143.9	70	12	56	20	0.81
081B-35B	35	141.68	148.0	70	12	56	20	0.90
081B-36B	36	145.72	152.0	70	15	56	20	0.98
081B-37B	37	149.76	156.1	70	15	56	25	0.98
081B-38B	38	153.80	160.1	70	15	56	25	0.99
081B-39B	39	157.83	164.1	70	15	56	25	1.05
081B-40B	40	161.87	168.2	70	15	56	25	1.10

ISO 083B Hub Type B
DIN 8187/ISO R 606

Chain Size: 083B-1(1/2" x 3/16")
Pitch: 12.7 mm
Roller Width: 4.88 mm
Roller Dia.: 7.75 mm
Spkt. Width: 4.5 mm (bf_1)
Material: Steel C45

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt kg
083B-8B	8	33.18	39.5	21	8	16	14	0.04
083B-9B	9	37.13	43.4	25	8	18	14	0.05
083B-10B	10	41.10	47.4	28	8	21	14	0.07
083B-11B	11	45.07	51.4	31	8	23	16	0.10
083B-12B	12	49.07	55.4	25	8	26	16	0.18
083B-13B	13	53.06	59.4	39	8	28	16	0.20
083B-14B	14	57.07	63.4	43	8	31	16	0.24
083B-15B	15	61.09	67.4	47	8	31	16	0.24
083B-16B	16	65.01	71.4	50	10	35	18	0.30
083B-17B	17	69.11	75.4	50	10	38	18	0.32
083B-18B	18	73.14	79.4	50	10	40	18	0.33
083B-19B	19	77.16	83.5	50	10	42	18	0.34
083B-20B	20	81.19	87.5	50	10	44	18	0.42
083B-21B	21	85.22	91.5	60	10	44	20	0.51
083B-22B	22	89.24	95.5	60	10	44	20	0.53
083B-23B	23	93.27	99.6	60	10	44	20	0.56
083B-24B	24	97.29	103.6	60	10	44	20	0.56
083B-25B	25	101.33	107.6	60	10	44	20	0.64
083B-26B	26	105.36	111.7	70	12	44	20	0.72
083B-27B	27	109.40	115.7	70	12	44	20	0.78
083B-28B	28	113.42	119.7	70	12	44	20	0.77
083B-29B	29	117.46	123.8	70	12	50	20	0.81
083B-30B	30	121.50	127.8	70	12	50	20	0.83
083B-31B	31	125.54	131.8	70	12	56	20	0.85
083B-32B	32	129.56	135.9	70	12	56	20	0.87
083B-33B	33	133.60	139.9	70	12	56	20	0.90
083B-34B	34	137.64	143.9	70	12	56	20	0.92
083B-35B	35	141.68	148.0	70	12	56	20	0.95
083B-36B	36	145.72	152.0	70	15	56	20	1.16
083B-37B	37	149.76	156.1	70	15	56	25	1.16
083B-38B	38	153.80	160.1	70	15	56	25	1.19
083B-39B	39	157.83	164.1	70	15	56	25	1.22
083B-40B	40	161.87	168.2	70	15	56	25	1.30

Note: Hardened Teeth and Finished Bore available on request.

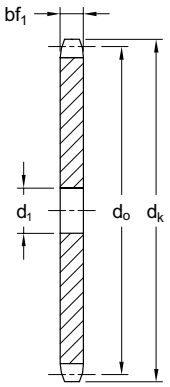
Metric Sprockets

ISO 081B Plate Type A

DIN 8187/ISO R 606

Chain Size: 081B-1 (1/2” x 1/8”)
Pitch: 12.7 mm
Roller Width: 3.3 mm
Roller Dia.: 7.75 mm
Spkt. Width: 3 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
081B-8A	8	33.18	39.5	8	0.020
081B-9A	9	37.13	43.4	8	0.025
081B-10A	10	41.10	47.4	8	0.028
081B-11A	11	45.07	51.4	8	0.030
081B-12A	12	49.07	55.4	8	0.035
081B-13A	13	53.06	59.4	8	0.040
081B-14A	14	57.07	63.4	8	0.050
081B-15A	15	61.09	67.4	8	0.055
081B-16A	16	65.10	71.4	10	0.065
081B-17A	17	69.11	75.4	10	0.070
081B-18A	18	73.14	79.4	10	0.080
081B-19A	19	77.16	83.5	10	0.090
081B-20A	20	81.19	87.5	10	0.110
081B-21A	21	85.22	91.5	10	0.115
081B-22A	22	89.24	95.5	10	0.130
081B-23A	23	93.27	99.6	10	0.145
081B-24A	24	97.29	103.6	10	0.155
081B-25A	25	101.33	107.6	10	0.170
081B-26A	26	105.36	111.7	12	0.180
081B-27A	27	109.40	115.7	12	0.195
081B-28A	28	113.42	119.7	12	0.215
081B-29A	29	117.46	123.8	12	0.280
081B-30A	30	121.50	127.8	12	0.350
081B-31A	31	125.54	131.8	12	0.270
081B-32A	32	129.56	135.9	12	0.280
081B-33A	33	133.60	139.9	12	0.285
081B-34A	34	137.64	143.9	12	0.410
081B-35A	35	141.68	148.0	12	0.460
081B-36A	36	145.72	152.0	15	0.480
081B-37A	37	149.76	156.1	15	0.510
081B-38A	38	153.80	160.1	15	0.525
081B-39A	39	157.83	164.1	15	0.500
081B-40A	40	161.87	168.2	15	0.600
081B-41A	41	165.91	172.7	15	0.610
081B-42A	42	169.95	176.7	15	0.665
081B-43A	43	173.99	180.8	15	0.700

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
081B-44A	44	178.03	184.8	15	0.73
081B-45A	45	182.07	188.9	15	0.76
081B-46A	46	186.10	192.9	20	0.81
081B-47A	47	190.14	196.9	20	0.85
081B-48A	48	194.18	201.0	20	0.88
081B-49A	49	198.22	205.0	20	0.905
081B-50A	50	202.26	209.1	20	0.91
081B-51A	51	206.30	213.1	20	0.95
081B-52A	52	210.34	217.1	20	1.00
081B-53A	53	214.37	221.2	20	1.05
081B-54A	54	218.43	225.2	20	1.08
081B-55A	55	222.46	229.3	20	1.12
081B-56A	56	226.50	233.3	20	1.15
081B-57A	57	230.54	237.3	20	1.00
081B-58A	58	234.58	241.4	20	1.10
081B-59A	59	238.62	245.4	20	1.20
081B-60A	60	242.66	249.5	20	1.30
081B-62A	62	250.75	257.5	20	1.51
081B-64A	64	258.82	265.6	20	1.45
081B-65A	65	262.86	269.7	20	1.47
081B-66A	66	266.90	273.7	25	1.48
081B-68A	68	274.99	281.8	25	1.50
081B-70A	70	283.07	289.9	25	1.89
081B-72A	72	291.16	298.0	25	1.92
081B-75A	75	303.27	310.1	25	1.95
081B-76A	76	307.33	314.1	25	1.98
081B-78A	78	315.40	322.2	25	2.00
081B-80A	80	323.48	330.3	25	2.10
081B-85A	85	343.69	350.5	25	2.20
081B-90A	90	363.90	370.7	25	2.30
081B-95A	95	384.11	390.9	25	2.51
081B-100A	100	404.31	411.1	25	2.60
081B-110A	110	444.74	451.5	25	2.62
081B-114A	114	460.90	467.7	25	2.65
081B-120A	120	485.16	492.0	25	3.00
081B-125A	125	505.37	512.2	25	3.10

Metric Sprockets

ISO 083B Plate Type A

DIN 8187/ISO R 606

Chain Size: 083B-1 (1/2" x 3/16")

Pitch: 12.7 mm

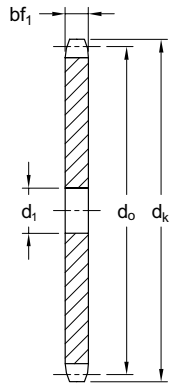
Roller Width: 4.88 mm

Roller Dia.: 7.75 mm

Spkt. Width: 4.5 mm (bf_1)

Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
083B-8A	8	33.18	39.5	8	0.018
083B-9A	9	37.13	43.4	8	0.020
083B-10A	10	41.10	47.4	8	0.030
083B-11A	11	45.07	51.4	8	0.040
083B-12A	12	49.07	55.4	8	0.050
083B-13A	13	53.06	59.4	8	0.060
083B-14A	14	57.07	63.4	8	0.070
083B-15A	15	61.09	67.4	8	0.080
083B-16A	16	65.01	71.4	10	0.090
083B-17A	17	69.11	75.4	10	0.100
083B-18A	18	73.14	79.4	10	0.120
083B-19A	19	77.16	83.5	10	0.130
083B-20A	20	81.19	87.5	10	0.170
083B-21A	21	85.22	91.5	10	0.185
083B-22A	22	89.24	95.5	10	0.200
083B-23A	23	93.27	99.6	10	0.225
083B-24A	24	97.29	103.6	10	0.250
083B-25A	25	101.33	107.6	10	0.260
083B-26A	26	105.36	111.7	12	0.285
083B-27A	27	109.40	115.7	12	0.310
083B-28A	28	113.42	119.7	12	0.335
083B-29A	29	117.46	123.8	12	0.350
083B-30A	30	121.50	127.8	12	0.370
083B-31A	31	125.54	131.8	12	0.395
083B-32A	32	129.56	135.9	12	0.420
083B-33A	33	133.60	139.9	12	0.450
083B-34A	34	137.64	143.9	12	0.470
083B-35A	35	141.68	148.0	12	0.540
083B-36A	36	145.72	152.0	15	0.550
083B-37A	37	149.76	156.1	15	0.580
083B-38A	38	153.80	160.1	15	0.610
083B-39A	39	157.83	164.1	15	0.645
083B-40A	40	161.87	168.2	15	0.690
083B-41A	41	165.91	172.7	15	0.725
083B-42A	42	169.95	176.7	15	0.760
083B-43A	43	173.99	180.8	15	0.800

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
083B-44A	44	178.03	184.8	15	0.835
083B-45A	45	182.07	188.9	15	0.870
083B-46A	46	186.10	192.9	20	0.900
083B-47A	47	190.14	196.9	20	0.930
083B-48A	48	194.18	201.0	20	1.000
083B-49A	49	198.22	205.0	20	1.010
083B-50A	50	202.26	209.1	20	1.045
083B-51A	51	206.30	213.1	20	1.050
083B-52A	52	210.34	217.1	20	1.055
083B-53A	53	214.37	221.2	20	1.150
083B-54A	54	218.43	225.2	20	1.280
083B-55A	55	222.46	229.3	20	1.100
083B-56A	56	226.50	233.3	20	1.300
083B-57A	57	230.54	237.3	20	1.310
083B-58A	58	234.58	241.4	20	1.445
083B-59A	59	238.62	245.4	20	1.480
083B-60A	60	242.66	249.5	20	1.560
083B-62A	62	250.75	257.5	20	1.650
083B-64A	64	258.82	265.6	20	1.800
083B-65A	65	262.86	269.7	20	1.850
083B-66A	66	266.90	273.7	25	1.900
083B-68A	68	274.99	281.8	25	2.050
083B-70A	70	283.07	289.9	25	2.080
083B-72A	72	291.16	298.0	25	2.350
083B-75A	75	303.27	310.1	25	2.450
083B-76A	76	307.33	314.1	25	2.500
083B-78A	78	315.40	322.2	25	3.100
083B-80A	80	323.48	330.3	25	3.700
083B-85A	85	343.69	350.5	25	3.730
083B-90A	90	363.90	370.7	25	3.775
083B-95A	95	384.11	390.9	25	5.650
083B-100A	100	404.31	411.1	25	5.700
083B-110A	110	444.74	451.5	25	6.000
083B-114A	114	460.90	467.7	25	6.700
083B-120A	120	485.16	492.0	25	6.800
083B-125A	125	505.37	512.2	25	6.750

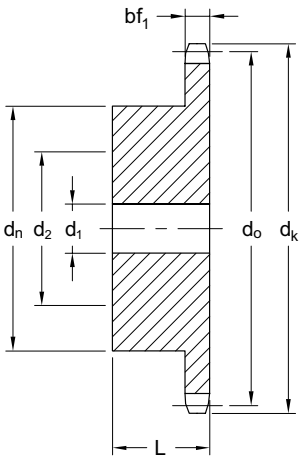
Metric Sprockets

ISO 085B Hub Type B

DIN 8187/ISO R 606

Chain Size: 085B-1 (1/2" x 1/4")
Pitch: 12.7 mm
Roller Width: 6.4 mm
Roller Dia.: 7.75 mm
Spkt. Width: 5.9 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
085B-8B	8	33.18	39.5	20	10	16	25	0.06
085B-9B	9	37.13	43.4	24	10	18	25	0.08
085B-10B	10	41.10	47.4	26	10	21	25	0.10
085B-11B	11	45.07	51.4	29	10	23	25	0.15
085B-12B	12	49.07	55.4	33	10	26	25	0.20
085B-13B	13	53.06	59.4	37	10	28	28	0.25
085B-14B	14	57.07	63.4	41	10	31	28	0.30
085B-15B	15	61.09	67.4	45	10	31	28	0.40
085B-16B	16	65.01	71.4	50	12	35	28	0.50
085B-17B	17	69.11	75.4	52	12	38	28	0.50
085B-18B	18	73.14	79.4	56	12	40	28	0.60
085B-19B	19	77.16	83.5	60	12	42	28	0.70
085B-20B	20	81.19	87.5	64	12	44	28	0.80
085B-21B	21	85.22	91.5	68	12	44	28	0.80
085B-22B	22	89.24	95.5	70	14	44	28	0.90
085B-23B	23	93.27	99.6	70	14	44	28	1.00
085B-24B	24	97.29	103.6	70	14	44	28	1.10
085B-25B	25	101.33	107.6	70	14	44	28	1.15
085B-26B	26	105.36	111.7	70	15	44	30	1.20
085B-27B	27	109.40	115.7	70	15	44	30	1.30
085B-28B	28	113.42	119.7	70	15	44	30	1.35
085B-29B	29	117.46	123.8	80	15	50	30	1.40
085B-30B	30	121.50	127.8	80	15	50	30	1.50
085B-31B	31	125.54	131.8	90	15	56	30	1.60
085B-32B	32	129.56	135.9	90	15	56	30	1.73
085B-33B	33	133.60	139.9	90	15	56	30	1.77
085B-34B	34	137.64	143.9	90	15	56	30	1.85
085B-35B	35	141.68	148.0	90	15	56	30	1.82
085B-36B	36	145.72	152.0	90	15	56	35	2.00
085B-37B	37	149.76	156.1	90	15	56	35	2.16
085B-38B	38	153.80	160.1	90	15	56	35	2.20
085B-39B	39	157.83	164.1	90	15	56	35	2.23
085B-40B	40	161.87	168.2	90	15	56	35	2.27

Note: Hardened Teeth and Finished Bore available on request.

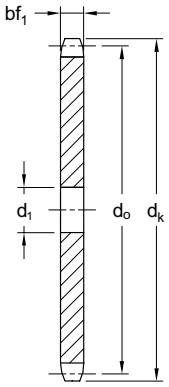
Metric Sprockets

ISO 085B Plate Type A

DIN 8187/ISO R 606

Chain Size: 085B-1 (1/2" x 1/4")
Pitch: 12.7 mm
Roller Width: 6.4 mm
Roller Dia.: 7.75 mm
Spkt. Width: 5.9 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
085B-8A	8	33.18	39.5	8	0.1
085B-9A	9	37.13	43.4	8	0.1
085B-10A	10	41.10	47.4	8	0.1
085B-11A	11	45.07	51.4	8	0.1
085B-12A	12	49.07	55.4	8	0.1
085B-13A	13	53.06	59.4	8	0.1
085B-14A	14	57.07	63.4	8	0.1
085B-15A	15	61.09	67.4	8	0.1
085B-16A	16	65.10	71.4	10	0.1
085B-17A	17	69.11	75.4	10	0.1
085B-18A	18	73.14	79.4	10	0.2
085B-19A	19	77.16	83.5	10	0.2
085B-20A	20	81.19	87.5	10	0.2
085B-21A	21	85.22	91.5	10	0.2
085B-22A	22	89.24	95.5	10	0.2
085B-23A	23	93.27	99.6	10	0.3
085B-24A	24	97.29	103.6	10	0.4
085B-25A	25	101.33	107.6	10	0.4
085B-26A	26	105.36	111.7	12	0.4
085B-27A	27	109.40	115.7	12	0.5
085B-28A	28	113.42	119.7	12	0.5
085B-29A	29	117.46	123.8	12	0.5
085B-30A	30	121.50	127.8	12	0.52
085B-31A	31	125.54	131.8	12	0.54
085B-32A	32	129.56	135.9	12	0.6
085B-33A	33	133.60	139.9	12	0.6
085B-34A	34	137.64	143.9	12	0.6
085B-35A	35	141.68	148.0	12	0.6
085B-36A	36	145.72	152.0	15	0.65
085B-37A	37	149.76	156.1	15	0.8
085B-38A	38	153.80	160.1	15	0.8
085B-39A	39	157.83	164.1	15	0.8
085B-40A	40	161.87	168.2	15	0.8
085B-41A	41	165.91	172.7	15	0.9
085B-42A	42	169.95	176.7	15	0.9
085B-43A	43	173.99	180.8	15	0.9

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
085B-44A	44	178.03	184.8	15	1.0
085B-45A	45	182.07	188.9	15	1.1
085B-46A	46	186.10	192.9	20	1.1
085B-47A	47	190.14	196.9	20	1.3
085B-48A	48	194.18	201.0	20	1.5
085B-49A	49	198.22	205.0	20	1.5
085B-50A	50	202.26	209.1	20	1.5
085B-51A	51	206.30	213.1	20	1.54
085B-52A	52	210.34	217.1	20	1.6
085B-53A	53	214.37	221.2	20	1.6
085B-54A	54	218.43	225.2	20	1.6
085B-55A	55	222.46	229.3	20	1.62
085B-56A	56	226.50	233.3	20	1.62
085B-57A	57	230.54	237.3	20	1.7
085B-58A	58	234.58	241.4	20	1.7
085B-59A	59	238.62	245.4	20	1.8
085B-60A	60	242.66	249.5	20	1.8
085B-62A	62	250.75	257.5	20	1.8
085B-64A	64	258.82	265.6	20	1.9
085B-65A	65	262.86	269.7	20	1.9
085B-66A	66	266.90	273.7	25	2.0
085B-68A	68	274.99	281.8	25	2.5
085B-70A	70	283.07	289.9	25	2.7
085B-72A	72	291.16	298.0	25	2.8
085B-75A	75	303.27	310.1	25	3.0
085B-76A	76	307.33	314.1	25	3.0
085B-78A	78	315.40	322.2	25	3.1
085B-80A	80	323.48	330.3	25	3.2
085B-85A	85	343.69	350.5	25	3.5
085B-90A	90	363.90	370.7	25	3.5
085B-95A	95	384.11	390.9	25	4.0
085B-100A	100	404.31	411.1	25	4.0
085B-110A	110	444.74	451.5	25	4.5
085B-114A	114	460.90	467.7	25	4.5
085B-120A	120	485.16	492.0	25	5.0
085B-125A	125	505.37	512.2	25	5.0

Metric Sprockets

Taper Bushed Type TL

ISO 08B, DIN 8187 - ISO/R 606

Single, Double, Triple

Standard and Hardened Teeth

Material: Steel C45 E

Drawing Dimensions	Sprocket Size
	08B
h1	7.2
h2	21
h3	34.9
L	7

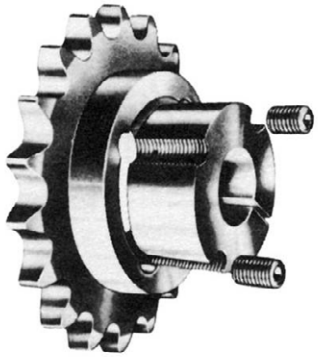
Part No: 08B-20HTL-1610

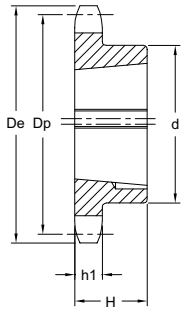
08B = Chain Size

20 = Number of Teeth

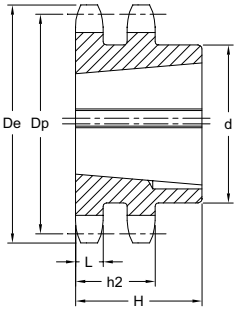
H = Hardened Teeth

TL-1610 =TL Bushing Size

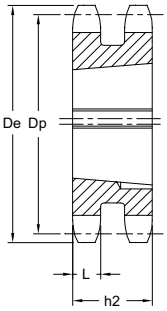




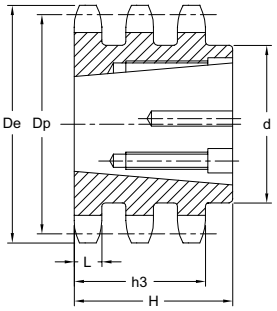
Type 1



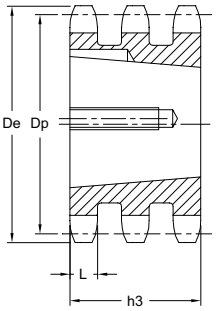
Type 2



Type 3



Type 4



Type 5

Dimensions in **mm**

Chain Size 1/2" x 5/16"	Teeth	D_e	D_p	Single				Double				Triple			
				Part No.	Type	d	H	Part No.	Type	d	H	Part No.	Type	d	H
08B	15	65.5	61.90	08B-15HTL-1008	1	45	22	08B-2-15TL-1008	2	46	22	08B-3-15TL-1008	5	-	34.9
	16	69.5	65.10	08B-16TL-1108	1	50	22	08B-2-16TL-1108	2	50	22	-	-	-	-
	17	73.6	69.11	08B-17HTL-1210	1	60	25	08B-2-17TL-1210	2	56	25	08B-3-17TL-1210	5	-	34.9
	18	77.8	73.14	08B-18TL-1210	1	60	25	08B-2-18TL-1210	2	60	25	-	-	-	-
	19	81.7	77.16	08B-19HTL-1210	1	63	25	08B-2-19TL-1210	2	62	25	08B-3-19TL-1210	5	-	34.9
	20	85.8	81.19	08B-20TL-1610	1	71	25	08B-2-20TL-1610	2	66	25	-	-	-	-
	21	89.7	85.22	08B-21HTL-1610	1	71	25	08B-2-21TL-1610	2	70	25	08B-3-21TL-1610	5	-	34.9
	22	93.8	89.24	08B-22TL-1610	1	71	25	08B-2-22TL-1610	2	76	25	-	-	-	-
	23	98.2	93.27	08B-23HTL-1610	1	76	25	08B-2-23TL-1610	2	79	25	08B-3-23TL-1610	5	-	34.9
	24	101.8	97.29	08B-24TL-1610	1	76	25	08B-2-24TL-1610	2	84	25	-	-	-	-
	25	105.8	101.33	08B-25HTL-1610	1	76	25	08B-2-25TL-2012	2	87	32	08B-3-25TL-2012	5	-	34.9
	26	110.0	105.36	08B-26TL-1610	1	76	25	08B-2-26TL-2012	2	87	32	-	-	-	-
	27	114.4	109.40	08B-27HTL-1610	1	76	25	08B-2-27TL-2012	2	87	32	08B-3-27TL-2012	5	-	34.9
	28	118.0	113.42	08B-28TL-2012	1	90	32	08B-2-28TL-2012	2	87	32	-	-	-	-
	30	126.1	121.50	08B-30HTL-2012	1	90	32	08B-2-30TL-2012	2	87	32	08B-3-30TL-2012	5	-	34.9
	38	158.6	153.80	08B-38TL-2012	1	90	32	08B-2-38TL-2012	2	100	32	08B-3-38TL-2012	5	-	34.9
	45	188.0	182.07	08B-45TL-2012	1	100	32	08B-2-45TL-2012	2	100	32	-	-	-	-
	57	236.4	230.54	08B-57TL-2012	1	100	32	08B-2-57TL-2012	2	100	32	-	-	-	-
	76	313.3	307.33	08B-76TL-2012	1	100	32	08B-2-76TL-2012	2	100	32	-	-	-	-
	95	390.1	304.11	08B-95TL-2012	1	100	32	08B-2-95TL-2012	2	100	32	-	-	-	-
	114	466.9	460.90	08B-114TL-2517	1	110	45	08B-2-114TL-2517	2	110	45	-	-	-	-

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

Metric Sprockets

Standard, Hardened Teeth and Stainless Steel

ISO 08B Hub Type B

DIN 8187/ISO R 606

Chain Size: **08B-1 (1/2" x 5/16")**
Pitch: 12.7 mm
Roller Width: 7.75 mm
Roller Dia.: 8.51 mm
Spkt. Width: 7.2 mm (bf_1)
Material: Standard Steel C45
Material: Stainless Steel 304L



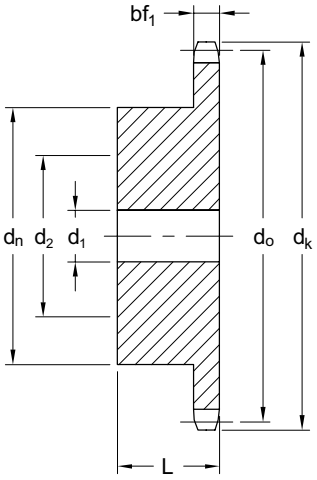
Standard



Hardened Teeth



Stainless Steel



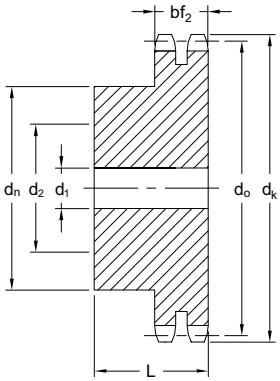
Part No. Standard	Part No. Hardened Teeth	Part No. Stainless Steel	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
08B-8B	—	—	8	33.18	37.2	20	10	12	25	0.07
08B-9B	—	—	9	37.13	41.0	24	10	14	25	0.08
08B-10B	—	—	10	41.10	45.2	26	10	16	25	0.10
08B-11B	—	—	11	45.07	48.7	29	10	18	25	0.15
08B-12B	08B-12BH	08B-12BSS	12	49.07	53.0	33	10	21	28	0.20
08B-13B	08B-13BH	08B-13BSS	13	53.06	57.4	37	10	23	28	0.25
08B-14B	08B-14BH	08B-14BSS	14	57.07	61.8	41	10	26	28	0.32
08B-15B	08B-15BH	08B-15BSS	15	61.09	65.5	45	10	28	28	0.40
08B-16B	08B-16BH	08B-16BSS	16	65.10	69.5	50	12	31	28	0.45
08B-17B	08B-17BH	08B-17BSS	17	69.11	73.6	52	12	31	28	0.50
08B-18B	08B-18BH	08B-18BSS	18	73.14	77.8	56	12	35	28	0.59
08B-19B	08B-19BH	08B-19BSS	19	77.16	81.7	60	12	38	28	0.65
08B-20B	08B-20BH	08B-20BSS	20	81.19	85.8	64	12	40	28	0.75
08B-21B	08B-21BH	08B-21BSS	21	85.22	89.7	68	12	42	28	0.85
08B-22B	08B-22BH	08B-22BSS	22	89.24	93.8	70	12	44	28	0.93
08B-23B	08B-23BH	08B-23BSS	23	93.27	98.2	70	14	44	28	0.95
08B-24B	08B-24BH	08B-24BSS	24	97.29	101.8	70	14	44	28	0.97
08B-25B	08B-25BH	08B-25BSS	25	101.33	105.8	70	14	44	28	1.00
08B-26B	—	08B-26BSS	26	105.36	110.0	70	16	44	30	1.10
08B-27B	—	—	27	109.40	114.0	70	16	44	30	1.13
08B-28B	—	—	28	113.42	118.0	70	16	44	30	1.15
08B-29B	—	—	29	117.46	122.0	80	16	50	30	1.40
08B-30B	08B-30BH	08B-30BSS	30	121.50	126.1	80	16	50	30	1.45
08B-31B	—	—	31	125.54	130.2	90	16	56	30	1.51
08B-32B	—	—	32	129.56	134.3	90	16	56	30	1.80
08B-33B	—	—	33	133.60	138.4	90	16	56	30	1.85
08B-34B	—	—	34	137.64	142.6	90	16	56	30	1.90
08B-35B	—	—	35	141.68	146.7	90	16	56	30	1.95
08B-36B	—	—	36	145.72	151.0	90	20	56	35	2.20
08B-37B	—	—	37	149.76	154.6	90	20	56	35	2.25
08B-38B	—	—	38	153.80	158.6	90	20	56	35	2.30
08B-39B	—	—	39	157.83	162.7	90	20	56	35	2.35
08B-40B	—	—	40	161.87	166.8	90	20	56	35	2.45

Note: All sizes can be Induction Hardened. Finish Bore and Keyway available on request. Other Stainless sizes available on request.

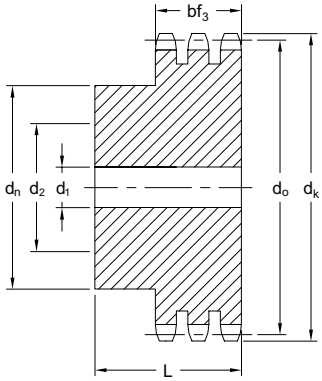
Metric Sprockets

ISO 08B-2 and 08B-3 Hub Type B









Chain Size: 08B-2 (1/2" x 5/16")
Spkt Width: 21mm (bf_2)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
08B-2-8B	8	33.18	37.2	20	10	12	32	0.07
08B-2-9B	9	37.13	41.0	24	10	14	32	0.10
08B-2-10B	10	41.10	45.2	28	10	16	32	0.15
08B-2-11B	11	45.70	48.7	32	12	18	35	0.22
08B-2-12B	12	49.07	53.0	35	12	20	35	0.29
08B-2-13B	13	53.06	57.4	38	12	23	35	0.35
08B-2-14B	14	57.07	61.8	42	12	26	35	0.43
08B-2-15B	15	61.09	65.5	46	12	28	35	0.50
08B-2-16B	16	65.10	69.5	50	14	31	35	0.60
08B-2-17B	17	69.11	73.6	54	14	34	35	0.74
08B-2-18B	18	73.14	77.8	58	14	36	35	0.79
08B-2-19B	19	77.16	81.7	62	14	39	35	0.90
08B-2-20B	20	81.19	85.8	66	14	41	35	1.10
08B-2-21B	21	85.22	89.7	70	16	44	40	1.30
08B-2-22B	22	89.24	93.8	70	16	44	40	1.34
08B-2-23B	23	93.27	98.2	70	16	44	40	1.45
08B-2-24B	24	97.29	101.8	75	16	47	40	1.59
08B-2-25B	25	101.33	105.8	80	16	50	40	1.80
08B-2-26B	26	105.36	110.0	85	20	53	40	1.95
08B-2-27B	27	109.40	114.0	85	20	53	40	2.05
08B-2-28B	28	113.42	118.0	90	20	56	40	2.26
08B-2-29B	29	117.46	112.0	95	20	60	40	2.46
08B-2-30B	30	121.50	126.1	100	20	63	40	2.65
08B-2-31B	31	125.54	130.2	100	20	63	40	2.83
08B-2-32B	32	129.56	134.3	100	20	63	40	3.00
08B-2-33B	33	133.60	138.4	100	20	63	40	3.10
08B-2-34B	34	137.64	142.6	100	20	63	40	3.25
08B-2-35B	35	141.68	146.7	100	20	63	40	3.35
08B-2-36B	36	145.72	151.0	110	20	70	40	3.50
08B-2-37B	37	149.76	154.6	110	20	70	40	3.65
08B-2-38B	38	153.80	158.6	110	20	70	40	3.75
08B-2-39B	39	157.83	162.7	110	20	70	40	4.00
08B-2-40B	40	161.87	166.8	110	20	70	40	4.25

Chain Size: 08B-3 (1/2" x 5/16")
Spkt Width: 34.9mm (bf_3)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
08B-3-8B	8	33.18	37.2	20	10	12	46	0.17
08B-3-9B	9	37.13	41.0	24	12	14	46	0.20
08B-3-10B	10	41.10	45.2	28	12	16	46	0.24
08B-3-11B	11	45.07	48.7	32	14	18	50	0.38
08B-3-12B	12	49.07	53.0	35	14	20	50	0.39
08B-3-13B	13	53.06	57.4	38	14	24	50	0.47
08B-3-14B	14	57.07	61.8	41	14	25	50	0.60
08B-3-15B	15	61.09	65.5	46	14	28	50	0.70
08B-3-16B	16	65.10	69.5	50	16	31	50	0.85
08B-3-17B	17	69.11	73.6	54	16	32	50	0.98
08B-3-18B	18	73.14	77.8	58	16	36	50	1.15
08B-3-19B	19	77.16	81.7	62	16	40	50	1.30
08B-3-20B	20	81.19	85.8	66	16	41	50	1.45
08B-3-21B	21	85.22	89.7	70	20	44	55	1.70
08B-3-22B	22	89.24	93.8	70	20	44	55	1.85
08B-3-23B	23	93.27	98.2	70	20	44	55	2.00
08B-3-24B	24	97.29	101.8	75	20	47	55	2.25
08B-3-25B	25	101.33	105.8	80	20	50	55	2.50
08B-3-26B	26	105.36	110.0	85	20	53	55	2.78
08B-3-27B	27	109.40	114.0	85	20	53	55	2.95
08B-3-28B	28	113.42	118.0	90	20	56	55	3.23
08B-3-29B	29	117.46	122.0	95	20	60	55	3.50
08B-3-30B	30	121.50	126.1	100	20	63	55	3.80
08B-3-31B	31	125.54	130.2	110	20	70	55	4.30
08B-3-32B	32	129.56	134.3	110	20	70	55	4.50
08B-3-33B	33	133.60	138.4	110	20	70	55	4.72
08B-3-34B	34	137.64	142.6	110	20	70	55	4.95
08B-3-35B	35	141.68	146.7	110	20	70	55	5.15
08B-3-36B	36	145.72	151.0	120	25	76	55	5.62
08B-3-37B	37	149.76	154.6	120	25	76	55	5.85
08B-3-38B	38	153.80	158.6	120	25	76	55	6.15
08B-3-39B	39	157.83	162.7	120	25	76	55	6.38
08B-3-40B	40	161.87	166.8	120	25	76	55	6.60

*Note: Approximate max bore, consult PTI for larger sizes.

Metric Sprockets

ISO 08B Plate Type A

DIN 8187/ISO R 606

Chain Size: 08B-1 (1/2" x 5/16")

Pitch: 12.7 mm

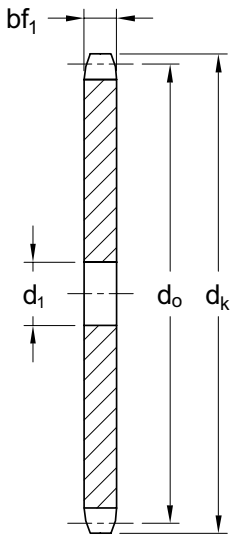
Roller Width: 7.75 mm

Roller Dia.: 8.51 mm

Spkt. Width: 7.2 mm (bf_1)

Material: Steel C 45





Note:
Double and triple sprockets including stainless steel available on request.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Weight kg
08B-8A	8	37.0	33.2	8	0.02
08B-9A	9	41.0	37.1	8	0.02
08B-10A	10	41.1	45	8	0.05
08B-11A	11	45.1	49	10	0.07
08B-12A	12	49.1	53	10	0.08
08B-13A	13	53.6	58	10	0.10
08B-14A	14	57.7	62	10	0.11
08B-15A	15	61.1	66	10	0.13
08B-16A	16	65.1	70	10	0.16
08B-17A	17	69.1	74	10	0.18
08B-18A	18	73.1	78	10	0.20
08B-19A	19	77.2	82	10	0.23
08B-20A	20	81.2	86	10	0.25
08B-21A	21	85.5	90	12	0.28
08B-22A	22	89.2	94	12	0.30
08B-23A	23	93.3	99	12	0.33
08B-24A	24	97.3	102	12	0.37
08B-25A	25	101.3	106	12	0.40
08B-26A	26	105.4	110	16	0.43
08B-27A	27	109.4	115	16	0.47
08B-28A	28	113.4	118	16	0.50
08B-29A	29	117.5	122	16	0.55
08B-30A	30	121.5	127	16	0.58
08B-31A	31	125.54	130.2	16	0.61
08B-32A	32	129.6	135	16	0.66
08B-33A	33	133.6	138.4	16	0.71
08B-34A	34	137.6	143	16	0.75
08B-35A	35	141.7	147	16	0.79
08B-36A	36	145.7	151	16	0.84
08B-37A	37	149.76	154.6	16	0.92
08B-38A	38	153.8	159	16	0.94
08B-40A	40	161.9	167	16	1.04
08B-42A	42	170.0	176	20	1.15
08B-44A	44	178.0	184	20	1.25
08B-45A	45	182.1	188	20	1.30
08B-46A	46	186.1	192	20	1.36
08B-47A	47	190.14	196.2	20	1.38
08B-48A	48	194.2	203	20	1.50
08B-49A	49	198.2	205	20	1.55
08B-50A	50	202.3	209	20	1.66
08B-54A	54	218.4	224	20	1.88
08B-57A	57	230.5	237	20	2.10
08B-60A	60	242.7	249	20	2.36
08B-65A	65	262.9	269	25	2.75
08B-70A	70	283.1	289	25	3.22
08B-76A	76	307.33	314	25	3.86
08B-80A	80	323.5	330	25	4.26
08B-90A	90	363.9	370	25	5.43
08B-95A	95	384.1	390	25	6.07
08B-100A	100	404.3	411	25	6.72
08B-114A	114	460.9	467	25	8.85
08B-125A	125	505.4	511	25	10.50

Metric Sprockets

Taper Bushed Type TL

ISO 10B, DIN 8187 - ISO/R 606
Single, Double, Triple
Standard and Hardened Teeth
Material: Steel C45 E

Drawing Dimensions	Sprocket Size
	10B
h1	9.1
h2	25.5
h3	42.1
L	9

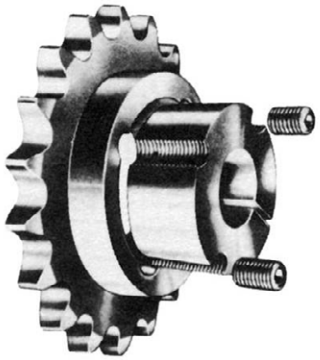
Part No: 10B-21HTL-1610

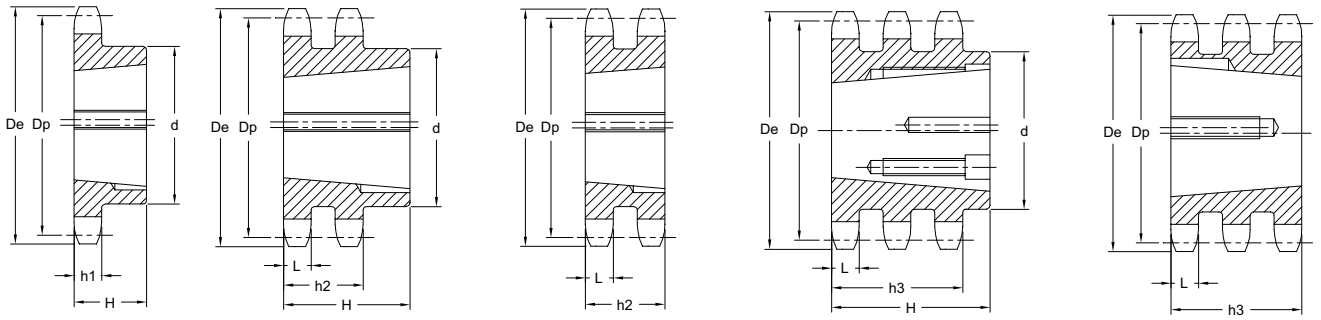
10B = Chain Size

21 = Number of Teeth

H = Hardened Teeth

TL-1610 =TL Bushing Size





Type 1 Type 2 Type 3 Type 4 Type 5

Dimensions in **mm**

Chain Size 5/8" x 3/8"	Teeth	D_e	D_p	Single				Double				Triple			
				Part No.	Type	d	H	Part No.	Type	d	H	Part No.	Type	d	H
10B	13	73.0	66.32	10B-13HTL-1008	1	47	22	10B-2-13TL-1210	3	—	25.5	—	—	—	—
	14	78.0	71.34	10B-14TL-1108	1	52	22	—	—	—	—	—	—	—	—
	15	83.0	76.36	10B-15HTL-1210	1	60	25	10B-2-15TL-1210	3	—	25.5	10B-3-15TL-1210	5	—	42.1
	16	88.0	81.37	10B-16TL-1610	1	70	25	—	—	—	—	—	—	—	—
	17	93.0	86.36	10B-17HTL-1610	1	71	25	10B-2-17TL-1610	3	—	25.5	10B-3-17TL-1210	5	—	42.1
	18	98.3	91.42	10B-18TL-1610	1	75	25	—	—	—	—	—	—	—	—
	19	103.3	96.45	10B-19HTL-1610	1	75	25	10B-2-19TL-1610	3	—	25.5	10B-3-19TL-1615	5	—	42.1
	20	108.4	101.49	10B-20TL-1610	1	75	25	10B-2-20TL-1610	3	—	25.5	—	—	—	—
	21	113.4	106.52	10B-21HTL-1610	1	76	25	10B-2-21TL-1610	3	—	25.5	10B-3-21TL-1615	5	—	42.1
	22	118.0	111.25	10B-22TL-1610	1	76	25	10B-2-22TL-1610	3	—	25.5	—	—	—	—
	23	123.4	116.58	10B-23HTL-1610	1	76	25	10B-2-23TL-1610	3	—	25.5	10B-3-23TL-2012	5	—	42.1
	24	128.3	121.62	10B-24TL-2012	1	90	32	—	—	—	—	—	—	—	—
	25	134.0	126.66	10B-25HTL-2012	1	90	32	10B-2-25TL-2012	2	90	32.0	10B-3-25TL-2517	4	105	45.0
	26	139.0	131.70	10B-26TL-2012	1	90	32	—	—	—	—	—	—	—	—
	27	144.0	136.75	10B-27HTL-2012	1	90	32	10B-2-27TL-2012	2	90	32.0	10B-3-27TL-2517	4	110	45.0
	28	148.7	141.78	10B-28TL-2012	1	90	32	—	—	—	—	—	—	—	—
	30	158.8	151.87	10B-30HTL-2012	1	90	32	10B-2-30TL-2012	2	90	32.0	10B-3-30TL-2517	4	120	45.0
	38	199.2	192.24	10B-38TL-2012	1	100	32	10B-2-38TL-2517	2	108	45.0	—	—	—	—
	45	235.0	227.58	10B-45TL-2012	1	100	32	—	—	—	—	—	—	—	—
	57	296.0	288.18	10B-57TL-2012	1	100	32	—	—	—	—	—	—	—	—
	76	392.1	384.16	10B-76TL-2012	1	100	32	—	—	—	—	—	—	—	—
	95	488.5	480.14	10B-95TL-2517	1	110	45	—	—	—	—	—	—	—	—
	114	584.1	576.13	10B-114TL-2517	1	110	45	—	—	—	—	—	—	—	—

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

Metric Sprockets

Standard, Hardened Teeth and Stainless Steel

ISO 10B Hub Type B

DIN 8187/ISO R 606

Chain Size: **10B-1 (5/8" x 3/8")**
Pitch: 15.875 mm
Roller Width: 9.65 mm
Roller Dia.: 10.16 mm
Spkt. Width: 9.1 mm (bf_1)
Material: Standard Steel C45
Material: Stainless Steel 304L



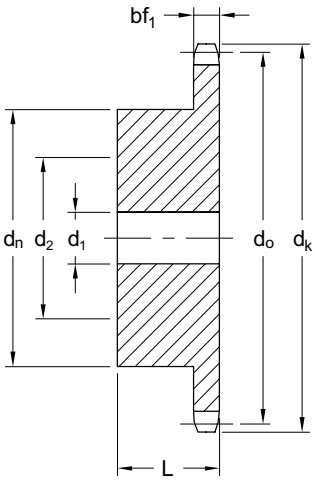
Standard



Hardened Teeth



Stainless Steel



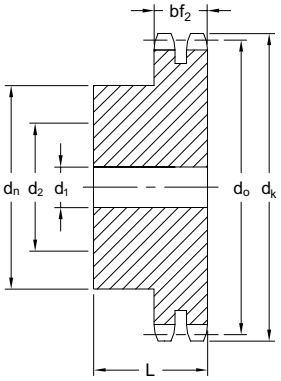
Part No. Standard	Part No. Hardened Teeth	Part No. Stainless Steel	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
10B-8B	—	—	8	41.48	47.0	25	10	16	25	0.23
10B-9B	—	—	9	46.42	52.6	30	10	18	25	0.25
10B-10B	—	—	10	51.37	57.5	35	10	20	25	0.27
10B-11B	—	—	11	56.34	63.0	37	12	23	30	0.30
10B-12B	10B-12BH	10B-12BSS	12	61.34	68.0	42	12	26	30	0.35
10B-13B	10B-13BH	10B-13BSS	13	66.32	73.0	47	12	29	30	0.47
10B-14B	10B-14BH	10B-14BSS	14	71.34	78.0	52	12	32	30	0.55
10B-15B	10B-15BH	10B-15BSS	15	76.36	83.0	57	12	35	30	0.65
10B-16B	10B-16BH	10B-16BSS	16	81.37	88.0	60	12	38	30	0.77
10B-17B	10B-17BH	10B-17BSS	17	86.39	93.0	60	12	38	30	0.80
10B-18B	10B-18BH	10B-18BSS	18	91.42	98.3	70	14	44	30	1.03
10B-19B	10B-19BH	10B-19BSS	19	96.45	103.3	70	14	44	30	1.17
10B-20B	10B-20BH	10B-20BSS	20	101.49	108.4	75	14	47	30	1.22
10B-21B	10B-21BH	10B-21BSS	21	106.52	113.4	75	16	47	30	1.30
10B-22B	10B-22BH	10B-22BSS	22	111.55	118.0	80	16	50	30	1.41
10B-23B	10B-23BH	10B-23BSS	23	116.58	123.4	80	16	50	30	1.47
10B-24B	10B-24BH	10B-24BSS	24	121.62	128.3	80	16	50	30	1.53
10B-25B	10B-25BH	10B-25BSS	25	126.66	134.0	80	16	50	30	1.60
10B-26B	—	—	26	131.70	139.0	85	20	53	35	1.97
10B-27B	—	—	27	136.75	144.0	85	20	53	35	2.05
10B-28B	—	—	28	141.78	148.7	90	20	56	35	2.30
10B-29B	—	—	29	146.83	153.8	90	20	56	35	2.35
10B-30B	10B-30BH	10B-30BSS	30	151.87	158.8	90	20	56	35	2.43
10B-31B	—	—	31	156.92	163.9	95	20	60	35	2.63
10B-32B	—	—	32	161.95	168.9	95	20	60	35	2.75
10B-33B	—	—	33	167.00	174.5	95	20	60	35	2.85
10B-34B	—	—	34	172.05	179.0	95	20	60	35	3.00
10B-35B	—	—	35	177.10	184.1	95	20	60	35	3.05
10B-36B	—	—	36	182.15	189.1	100	20	63	35	3.15
10B-37B	—	—	37	187.20	194.2	100	20	63	35	3.40
10B-38B	—	—	38	192.24	199.2	100	20	63	35	3.48
10B-39B	—	—	39	197.29	204.2	100	20	63	35	3.60
10B-40B	—	—	40	202.34	209.3	100	20	63	35	3.71

Note: All sizes can be Induction Hardened. Finish Bore and Keyway available on request. Other Stainless sizes available on request.

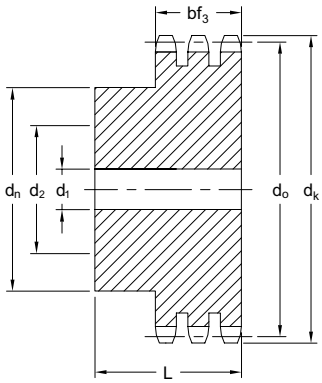
Metric Sprockets

ISO 10B-2 and 10B-3 Hub Type B









Chain Size: 10B-2 (5/8" x 3/8")
Spkt Width: 25.5mm (bf_2)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
10B-2-8B	8	41.48	47.0	25	12	16	40	0.21
10B-2-9B	9	46.42	52.6	30	12	18	40	0.27
10B-2-10B	10	51.37	57.5	35	12	20	40	0.35
10B-2-11B	11	56.34	63.0	39	14	23	40	0.45
10B-2-12B	12	61.34	68.0	44	14	26	40	0.55
10B-2-13B	13	66.32	73.0	49	14	30	40	0.68
10B-2-14B	14	71.34	78.0	54	14	34	40	0.84
10B-2-15B	15	76.36	83.0	59	14	37	40	0.95
10B-2-16B	16	81.37	88.0	64	16	40	45	1.25
10B-2-17B	17	86.39	93.0	69	16	43	45	1.45
10B-2-18B	18	91.42	98.3	74	16	46	45	1.65
10B-2-19B	19	96.45	103.3	79	16	49	45	1.90
10B-2-20B	20	101.49	108.4	84	16	52	45	2.10
10B-2-21B	21	106.52	113.4	85	16	53	45	2.27
10B-2-22B	22	111.55	118.0	90	16	46	45	2.58
10B-2-23B	23	116.58	123.4	95	16	60	45	2.80
10B-2-24B	24	121.62	128.3	100	16	63	45	3.12
10B-2-25B	25	126.66	134.0	105	16	66	45	3.40
10B-2-26B	26	131.70	139.0	110	20	70	45	3.70
10B-2-27B	27	136.75	144.0	110	20	70	45	3.90
10B-2-28B	28	141.78	148.7	115	20	73	45	4.25
10B-2-29B	29	146.83	153.8	115	20	73	45	4.50
10B-2-30B	30	151.87	158.8	120	20	76	45	4.85
10B-2-31B	31	156.92	163.9	120	20	76	45	4.95
10B-2-32B	32	161.95	168.9	120	20	76	45	5.10
10B-2-33B	33	167.00	174.5	120	20	76	45	5.20
10B-2-34B	34	172.05	179.0	120	20	76	45	5.30
10B-2-35B	35	177.10	184.1	120	20	76	45	5.45
10B-2-36B	36	182.15	189.1	120	20	76	45	5.60
10B-2-37B	37	187.20	194.2	120	20	76	45	6.30
10B-2-38B	38	192.24	199.2	120	20	76	45	7.00
10B-2-39B	39	197.29	204.2	120	20	76	45	7.30
10B-2-40B	40	202.34	209.3	120	20	76	45	7.52

Chain Size: 10B-3 (5/8" x 3/8")
Spkt Width: 42.1mm (bf_3)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
10B-3-8B	8	41.48	47.0	25	12	16	55	0.28
10B-3-9B	9	46.42	52.6	30	12	18	55	0.38
10B-3-10B	10	51.37	57.5	35	16	20	55	0.50
10B-3-11B	11	56.34	63.0	39	16	23	55	0.62
10B-3-12B	12	61.34	68.0	44	16	26	55	0.77
10B-3-13B	13	66.32	73.0	49	16	30	55	0.97
10B-3-14B	14	71.34	78.0	54	16	34	55	1.16
10B-3-15B	15	76.36	83.0	59	16	37	55	1.35
10B-3-16B	16	81.37	88.0	64	16	40	60	1.65
10B-3-17B	17	86.39	93.0	69	16	43	60	1.96
10B-3-18B	18	91.42	98.3	74	16	46	60	2.25
10B-3-19B	19	96.45	103.3	79	16	49	60	2.50
10B-3-20B	20	101.49	108.4	84	16	52	60	2.90
10B-3-21B	21	106.52	113.4	85	20	53	60	3.10
10B-3-22B	22	111.55	118.0	90	20	46	60	3.44
10B-3-23B	23	116.58	123.4	95	20	60	60	4.05
10B-3-24B	24	121.62	128.3	100	20	63	60	4.33
10B-3-25B	25	126.66	134.0	105	20	66	60	4.60
10B-3-26B	26	131.70	139.0	110	20	70	45	5.00
10B-3-27B	27	136.75	144.0	110	20	70	60	5.40
10B-3-28B	28	141.78	148.7	115	20	73	60	5.80
10B-3-29B	29	146.83	153.8	115	20	73	60	6.18
10B-3-30B	30	151.87	158.8	120	20	76	60	6.69
10B-3-31B	31	156.92	163.9	120	20	76	60	7.20
10B-3-32B	32	161.95	168.9	120	20	76	60	7.50
10B-3-33B	33	167.00	174.5	120	20	76	60	8.00
10B-3-34B	34	172.05	179.0	120	20	76	60	8.57
10B-3-35B	35	177.10	184.1	120	20	76	60	8.80
10B-3-36B	36	182.15	189.1	120	25	76	60	9.30
10B-3-37B	37	187.20	194.2	120	25	76	60	9.78
10B-3-38B	38	192.24	199.2	120	25	76	60	9.90
10B-3-39B	39	197.29	204.2	120	25	76	60	10.30
10B-3-40B	40	202.34	209.3	120	25	76	60	10.80

*Note: Approximate max bore, consult PTI for larger sizes.

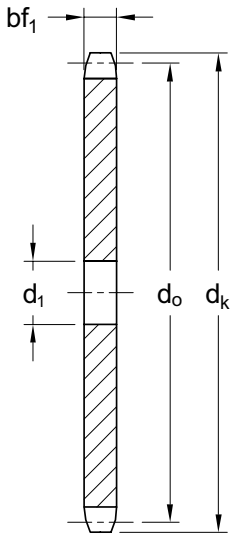
Metric Sprockets

ISO 10B Plate Type A

DIN 8187/ISO R 606

Chain Size: 10B-1 (5/8" x 3/8")
Pitch: 15.875 mm
Roller Width: 9.65 mm
Roller Dia.: 10.16 mm
Spkt. Width: 9.1 mm (bf_1)
Material: Steel C 45





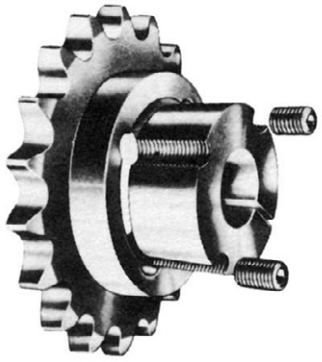
Note:
Double and triple sprockets including stainless steel available on request.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Weight kg
10B-8A	8	41.48	47.0	10	0.10
10B-9A	9	46.42	52.6	10	0.10
10B-10A	10	51.37	57.5	10	0.11
10B-11A	11	56.30	63	10	0.14
10B-12A	12	61.30	68	10	0.17
10B-13A	13	66.30	73	10	0.20
10B-14A	14	71.30	78	10	0.23
10B-15A	15	76.40	83	10	0.27
10B-16A	16	81.40	88	12	0.31
10B-17A	17	86.40	93	12	0.35
10B-18A	18	91.40	98	12	0.39
10B-19A	19	96.50	103	12	0.44
10B-20A	20	101.50	108	12	0.49
10B-21A	21	106.50	113	12	0.55
10B-22A	22	111.60	118	12	0.61
10B-23A	23	116.60	123	12	0.67
10B-24A	24	121.60	128	12	0.73
10B-25A	25	126.70	134	12	0.79
10B-26A	26	131.70	139	16	0.84
10B-27A	27	136.70	144	16	0.91
10B-28A	28	141.80	149	16	1.00
10B-29A	29	146.80	154	16	1.07
10B-30A	30	151.90	159	16	1.14
10B-31A	31	156.92	164	16	1.10
10B-32A	32	162.00	169	16	1.30
10B-33A	33	167.00	174	16	1.39
10B-34A	34	172.10	179	16	1.48
10B-35A	35	177.10	184	16	1.55
10B-36A	36	182.10	190	20	1.63
10B-37A	37	187.20	194	20	1.74
10B-38A	38	192.20	200	20	1.83
10B-39A	39	197.30	204	20	1.91
10B-40A	40	202.30	210	20	2.04
10B-42A	42	212.40	220	20	2.28
10B-43A	43	217.50	225	20	2.35
10B-44A	44	222.50	230	20	2.49
10B-45A	45	227.60	235	20	2.58
10B-46A	46	232.60	240	20	2.70
10B-47A	47	237.70	245	20	2.81
10B-48A	48	242.70	250	20	2.90
10B-49A	49	247.80	255	20	3.09
10B-50A	50	252.80	261	20	3.18
10B-54A	54	273.10	280.5	20	3.20
10B-57A	57	288.20	296	25	4.24
10B-60A	60	303.30	311	25	4.70
10B-65A	65	328.60	336.5	25	5.50
10B-70A	70	353.80	362	25	6.30
10B-76A	76	384.20	392	25	7.46
10B-80A	80	404.40	412	25	8.28
10B-90A	90	454.90	463	30	10.75
10B-95A	95	480.14	488.5	30	11.88

Metric Sprockets

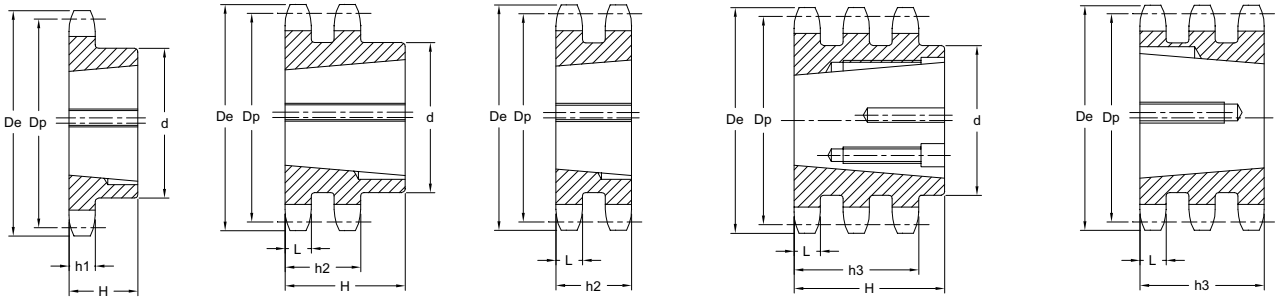
Taper Lock Bushed Type TL

ISO 12B, DIN 8187 - ISO/R 606
Single, Double, Triple
Standard and Hardened Teeth
Material: Steel C45 E



Drawing Dimensions	Sprocket Sizes
	12B
h1	11.1
h2	30.3
h3	49.8
L	10.8

Part No: 12B-21HTL-2517
12B = Chain Size
21 = Number of Teeth
H = Hardened Teeth
TL-2517 =TL Bushing Size



Type 1 Type 2 Type 3 Type 4 Type 5

Dimensions in **mm**

Chain Size 3/4" x 7/16"	Teeth	D_e	D_p	Single				Double				Triple			
				Part No.	Type	d	H	Part No.	Type	d	H	Part No.	Type	d	H
12B	13	87.5	79.59	12B-13HTL-1210	1	60	25	—	—	—	—	—	—	—	—
	14	93.6	85.61	12B-14TL-1610	1	70	25	—	—	—	—	—	—	—	—
	15	99.8	91.63	12B-15HTL-1610	1	70	25	12B-2-15TL-1610	3	—	30.3	12B-3-15TL-1615	5	—	49.8
	16	105.5	97.65	12B-16TL-1610	1	75	25	12B-2-16TL-1610	3	—	30.3	—	—	—	—
	17	111.5	103.67	12B-17HTL-1610	1	76	25	12B-2-17TL-1610	3	—	30.3	12B-3-17TL-2012	5	—	49.8
	18	118.0	109.71	12B-18TL-2012	1	90	32	12B-2-18TL-2012	2	90	32	—	—	—	—
	19	124.2	115.75	12B-19HTL-2012	1	90	32	12B-2-19TL-2012	2	90	32	12B-3-19TL-2012	5	—	49.8
	20	129.7	121.78	12B-20TL-2012	1	90	32	12B-2-20TL-2517	2	108	45	—	—	—	—
	21	136.0	127.82	12B-21HTL-2517	1	102	45	12B-2-21TL-2517	2	108	45	12B-3-21TL-2517	5	—	49.8
	22	141.8	133.86	12B-22TL-2517	1	102	45	12B-2-22TL-2517	2	108	45	—	—	—	—
	23	149.0	139.90	12B-23HTL-2517	1	108	45	12B-2-23TL-2517	2	108	45	12B-3-23TL-2517	5	—	49.8
	24	153.9	145.94	12B-24TL-2517	1	108	45	12B-2-24TL-2517	2	108	45	—	—	—	—
	25	160.0	152.00	12B-25HTL-2517	1	108	45	12B-2-25TL-2517	2	108	45	12B-3-25TL-2517	5	—	49.8
	26	165.9	158.04	12B-26TL-2517	1	108	45	12B-2-26TL-2517	2	108	45	—	—	—	—
	27	172.3	164.00	12B-27HTL-2517	1	108	45	12B-2-27TL-2517	2	108	45	12B-3-27TL-3020	4	140	51
	28	178.0	170.13	12B-28TL-2517	1	108	45	12B-2-28TL-2517	2	108	45	—	—	—	—
	30	190.5	182.25	12B-30HTL-2517	1	108	45	12B-2-30TL-2517	2	108	45	12B-3-30TL-3020	4	140	51
	38	239.0	230.69	12B-38TL-2517	1	108	45	12B-2-38TL-3020	2	140	51	12B-3-38TL-3020	4	140	51
	45	282.5	273.10	12B-45TL-2517	1	108	45	12B-2-45TL-3020	2	140	51	12B-3-45TL-3020	4	140	51
	57	355.4	345.81	12B-57TL-2517	1	108	45	12B-2-57TL-3020	2	140	51	12B-3-57TL-3020	4	140	51
	76	469.9	460.99	12B-76TL-2517	1	108	45	12B-2-76TL-3020	2	140	51	12B-3-76TL-3020	4	140	51
	95	585.1	576.17	12B-95TL-2517	1	108	45	12B-2-95TL3020	2	140	51	—	—	—	—
	114	700.6	691.36	12B-114TL-2525	1	108	64	—	—	—	—	—	—	—	—

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

Metric Sprockets

Standard, Hardened Teeth and Stainless Steel

ISO 12B Hub Type B

DIN 8187/ISO R 606

Chain Size: **12B-1 (3/4" x 7/16")**
Pitch: 19.05 mm
Roller Width: 11.68 mm
Roller Dia.: 12.07 mm
Spkt. Width: 11.1 mm (bf_1)
Material: Standard Steel C45
Material: Stainless Steel 304L



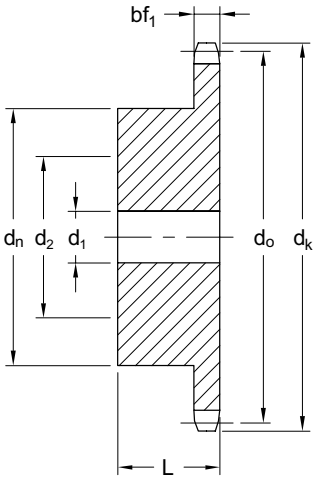
Standard



Hardened Teeth



Stainless Steel



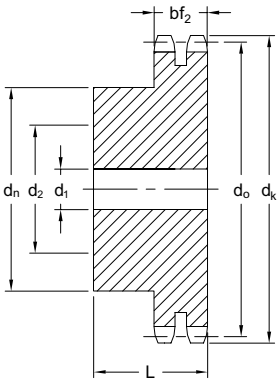
Part No. Standard	Part No. Hardened Teeth	Part No. Stainless Steel	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
12B-8B	—	—	8	49.78	57.6	31	12	20	30	0.22
12B-9B	—	—	9	55.70	62.0	37	12	22	30	0.30
12B-10B	—	—	10	61.64	69.0	42	12	26	30	0.40
12B-11B	—	—	11	67.61	75.0	46	14	28	35	0.52
12B-12B	12B-12BH	12B-12BSS	12	73.60	81.5	52	14	32	35	0.67
12B-13B	12B-13BH	12B-13BSS	13	79.59	87.5	58	14	36	35	0.83
12B-14B	12B-14BH	12B-14BSS	14	85.61	93.6	64	14	41	35	1.00
12B-15B	12B-15BH	12B-15BSS	15	91.63	99.8	70	14	44	35	1.17
12B-16B	12B-16BH	12B-16BSS	16	97.65	105.5	75	16	47	35	1.36
12B-17B	12B-17BH	12B-17BSS	17	103.67	111.5	80	16	50	35	1.54
12B-18B	12B-18BH	12B-18BSS	18	109.71	118.0	80	16	50	35	1.65
12B-19B	12B-19BH	12B-19BSS	19	115.75	124.2	80	16	50	35	1.71
12B-20B	12B-20BH	12B-20BSS	20	121.78	129.7	80	16	50	35	1.82
12B-21B	12B-21BH	12B-21BSS	21	127.82	136.0	90	20	56	40	2.37
12B-22B	12B-22BH	12B-22BSS	22	133.86	141.8	90	20	56	40	2.45
12B-23B	12B-23BH	12B-23BSS	23	139.90	149.0	90	20	56	40	2.60
12B-24B	12B-24BH	12B-24BSS	24	145.94	153.9	90	20	56	40	2.73
12B-25B	12B-25BH	12B-25BSS	25	152.00	160.0	90	20	56	40	2.80
12B-26B	—	—	26	158.04	165.9	95	20	60	40	3.09
12B-27B	—	—	27	164.09	172.3	95	20	60	40	3.30
12B-28B	—	—	28	170.13	178.0	95	20	60	40	3.40
12B-29B	—	—	29	176.19	184.1	95	20	60	40	3.50
12B-30B	12B-30BH	12B-30BSS	30	182.25	190.5	95	20	60	40	3.65
12B-31B	—	—	31	188.31	196.3	100	20	63	40	3.85
12B-32B	—	—	32	194.35	203.3	100	20	63	40	4.00
12B-33B	—	—	33	200.40	209.3	100	20	63	40	4.10
12B-34B	—	—	34	206.46	214.6	100	20	63	40	4.35
12B-35B	—	—	35	212.52	221.0	100	20	63	40	4.60
12B-36B	—	—	36	218.58	226.8	100	20	63	40	4.85
12B-37B	—	—	37	224.64	232.9	100	20	63	40	4.95
12B-38B	—	—	38	230.69	239.0	100	20	63	40	5.10
12B-39B	—	—	39	236.75	245.1	100	20	63	40	5.27
12B-40B	—	—	40	242.81	251.3	100	20	63	40	5.50

Note: All sizes can be Induction Hardened. Finish Bore and Key-way available on request. Other Stainless sizes available on request.

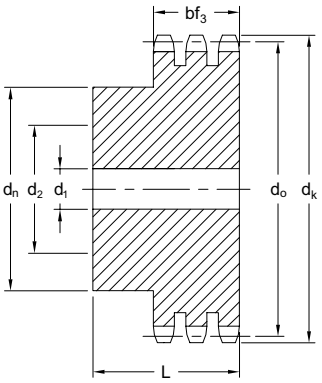
Metric Sprockets

ISO 12B-2 and 12B-3 Hub Type B









Chain Size: 12B-2 (3/4" x 7/16")
Spkt Width: 30.3mm (bf_2)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
12B-2-8B	8	49.78	57.6	31	12	20	45	0.32
12B-2-9B	9	55.70	62.0	37	12	22	45	0.45
12B-2-10B	10	61.64	69.0	42	12	26	45	0.65
12B-2-11B	11	67.61	75.0	47	16	29	50	0.80
12B-2-12B	12	73.60	81.5	53	16	32	50	1.03
12B-2-13B	13	79.59	87.5	59	16	36	50	1.25
12B-2-14B	14	85.61	93.6	65	16	40	50	1.50
12B-2-15B	15	91.63	99.8	71	16	44	50	1.78
12B-2-16B	16	97.65	105.5	77	20	48	50	2.05
12B-2-17B	17	103.67	111.5	83	20	51	50	2.40
12B-2-18B	18	109.71	118.0	89	20	54	50	2.70
12B-2-19B	19	115.75	124.2	95	20	60	50	3.10
12B-2-20B	20	121.78	129.7	100	20	63	50	3.43
12B-2-21B	21	127.82	136.0	100	20	63	50	3.70
12B-2-22B	22	133.86	141.8	100	20	63	50	3.40
12B-2-23B	23	139.90	149.0	110	20	70	50	4.55
12B-2-24B	24	145.94	153.9	110	20	70	50	4.85
12B-2-25B	25	152.00	160.0	120	20	76	50	5.45
12B-2-26B	26	158.04	165.9	120	20	76	50	5.74
12B-2-27B	27	164.09	172.3	120	20	76	50	6.15
12B-2-28B	28	170.13	178.0	120	20	76	50	6.45
12B-2-29B	29	176.19	184.1	120	20	76	50	6.83
12B-2-30B	30	182.25	190.5	120	20	76	50	7.20
12B-2-31B	31	188.31	196.3	130	20	80	50	7.25
12B-2-32B	32	194.35	203.3	130	20	80	50	7.30
12B-2-33B	33	200.40	209.3	130	20	80	50	8.15
12B-2-34B	34	206.46	214.6	130	20	80	50	8.40
12B-2-35B	35	212.52	221.0	130	20	80	50	8.75
12B-2-36B	36	218.58	226.8	130	25	80	50	9.10
12B-2-37B	37	224.64	232.9	130	25	80	50	9.70
12B-2-38B	38	230.69	239.0	130	25	80	50	10.30
12B-2-39B	39	236.75	245.1	130	25	80	50	10.35
12B-2-40B	40	242.81	251.3	130	25	80	50	10.40

Chain Size: 12B-3 (3/4" x 7/16")
Spkt Width: 49.8mm (bf_3)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
12B-3-8B	8	49.78	57.6	31	16	20	65	0.50
12B-3-9B	9	55.70	62.0	37	16	22	65	0.50
12B-3-10B	10	61.64	69.0	42	16	26	65	0.90
12B-3-11B	11	67.61	75.0	47	20	29	70	1.10
12B-3-12B	12	73.60	81.5	53	20	32	70	1.37
12B-3-13B	13	79.59	87.5	59	20	36	70	1.75
12B-3-14B	14	85.61	93.6	65	20	40	70	2.11
12B-3-15B	15	91.63	99.8	71	20	44	70	2.47
12B-3-16B	16	97.65	105.5	77	20	48	70	2.90
12B-3-17B	17	103.67	111.5	83	20	51	70	3.26
12B-3-18B	18	109.71	118.0	89	20	54	70	3.81
12B-3-19B	19	115.75	124.2	95	20	60	70	4.35
12B-3-20B	20	121.78	129.7	100	20	63	70	4.85
12B-3-21B	21	127.82	136.0	100	20	63	70	5.25
12B-3-22B	22	133.86	141.8	100	20	63	70	5.88
12B-3-23B	23	139.90	149.0	110	20	70	70	6.50
12B-3-24B	24	145.94	153.9	110	20	70	70	6.93
12B-3-25B	25	152.00	160.0	120	20	76	70	7.65
12B-3-26B	26	158.04	165.9	120	20	76	70	8.20
12B-3-27B	27	164.09	172.3	120	20	76	70	8.85
12B-3-28B	28	170.13	178.0	120	20	76	70	9.30
12B-3-29B	29	176.19	184.1	120	20	76	70	9.95
12B-3-30B	30	182.25	190.5	120	20	76	70	10.60
12B-3-31B	31	188.31	196.3	130	25	80	70	11.40
12B-3-32B	32	194.35	203.3	130	25	80	70	15.40
12B-3-33B	33	200.40	209.3	130	25	80	70	12.50
12B-3-34B	34	206.46	214.6	130	25	80	70	13.50
12B-3-35B	35	212.52	221.0	130	25	80	70	14.50
12B-3-36B	36	218.58	226.8	130	25	80	70	15.00
12B-3-37B	37	224.64	232.9	130	25	80	70	15.50
12B-3-38B	38	230.69	239.0	130	25	80	70	16.15
12B-3-39B	39	236.75	245.1	130	25	80	70	17.20
12B-3-40B	40	242.81	251.3	130	25	80	70	18.20

*Note: Approximate max bore, consult PTI for larger sizes.

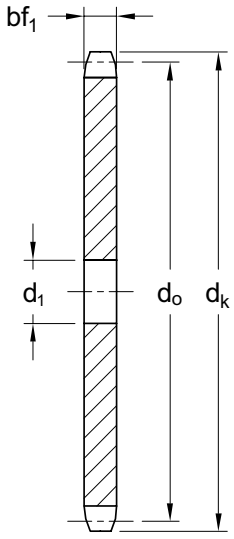
Metric Sprockets

ISO 12B Plate Type A

DIN 8187/ISO R 606

Chain Size: 12B-1 (3/4" x 7/16")
Pitch: 19.05 mm
Roller Width: 11.68 mm
Roller Dia.: 12.07 mm
Spkt. Width: 11.1 mm (bf_1)
Material: Steel C 45





Note: Double and triple sprockets including stainless steel available on request.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Weight kg
12B-8A	8	49.8	57.6	12	0.15
12B-9A	9	55.7	62.0	12	0.15
12B-10A	10	61.6	69	12	0.20
12B-11A	11	67.6	75	14	0.24
12B-12A	12	73.6	82	14	0.29
12B-13A	13	79.6	88	14	0.35
12B-14A	14	85.6	94	14	0.41
12B-15A	15	91.6	100	14	0.47
12B-16A	16	97.6	105	14	0.54
12B-17A	17	103.7	112	14	0.62
12B-18A	18	109.7	118	14	0.70
12B-19A	19	115.7	124	14	0.78
12B-20A	20	121.8	130	14	0.87
12B-21A	21	127.8	136	16	0.95
12B-22A	22	133.9	142	16	1.05
12B-23A	23	139.9	149	16	1.15
12B-24A	24	145.9	154	16	1.26
12B-25A	25	152.0	160	16	1.37
12B-26A	26	158.0	166	16	1.50
12B-27A	27	164.1	173	16	1.64
12B-28A	28	170.1	179	16	1.78
12B-29A	29	176.2	184	16	1.88
12B-30A	30	182.3	191	16	1.99
12B-31A	31	188.3	196	20	2.12
12B-32A	32	194.4	204	20	2.26
12B-33A	33	200.4	209	20	2.38
12B-34A	34	206.5	215	20	2.56
12B-35A	35	212.5	221	20	2.70
12B-36A	36	218.6	227	20	2.84
12B-37A	37	224.6	233	20	3.38
12B-38A	38	230.7	239	20	3.21
12B-39A	39	236.7	245	20	3.40
12B-40A	40	242.8	252	20	3.58
12B-41A	41	248.8	257.5	25	3.72
12B-42A	42	254.9	264	25	3.93
12B-43A	43	261.0	270.5	25	3.98
12B-44A	44	267.0	276.5	25	4.40
12B-45A	45	273.1	283	25	4.60
12B-46A	46	279.2	288	25	4.93
12B-48A	48	291.3	301	25	5.13
12B-49A	49	297.3	306	25	5.40
12B-50A	50	303.4	313	25	5.64
12B-54A	54	327.6	337	25	6.62
12B-57A	57	345.8	355	25	7.56
12B-60A	60	364.0	373	25	8.20
12B-65A	65	394.3	404	25	9.60
12B-70A	70	424.6	434	30	11.25
12B-76A	76	461.0	471	30	13.08
12B-80A	80	485.2	494	30	15.19
12B-90A	90	545.8	555	30	18.89
12B-95A	95	576.2	585	30	21.12

Metric Sprockets

Taper Bushed Type TL

ISO 16B, DIN 8187 - ISO/R 606

Single, Double, Triple

Standard and Hardened Teeth

Material: C45 E

Drawing Dimensions	Sprocket Sizes
	16B
h1	16.2
h2	47.7
h3	79.6
L	15.8

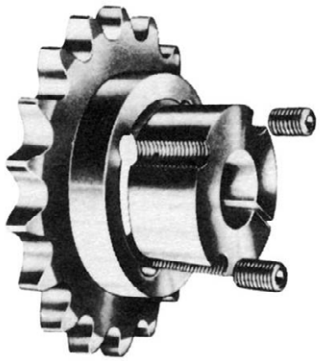
Part No: 16B-21HTL-2517

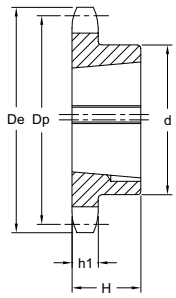
16B = Chain Size

21 = Number of Teeth

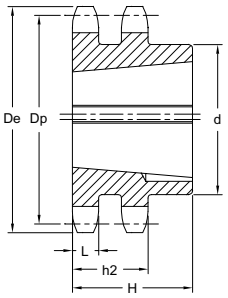
H = Hardened Teeth

TL-2517 =TL Bushing Size

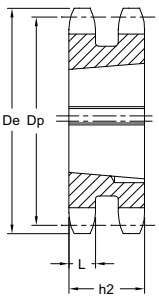




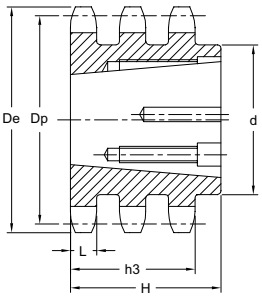
Type 1



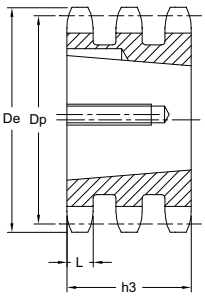
Type 2



Type 3



Type 4



Type 5

Dimensions in **mm**

Chain Size 1"x 17.02mm	Teeth	D_e	D_p	Single				Double				Triple			
				Part No.	Type	d	H	Part No.	Type	d	H	Part No.	Type	d	H
16B	13	117.0	106.12	16B-13TL-1610	1	73	25	16B-2-13TL-2012	3	—	47.7	—	—	—	—
	14	125.0	114.15	16B-14TL-1610	1	76	25	—	—	—	—	—	—	—	—
	15	133.0	122.17	16B-15HTL-1610	1	76	25	16B-2-15TL-2012	3	—	47.7	—	—	—	—
	16	141.0	130.20	16B-16TL-2012	1	90	32	—	—	—	—	—	—	—	—
	17	149.0	138.22	16B-17HTL-2012	1	90	32	16B-2-17TL-2012	3	—	47.7	16B-3-17TL-2517	5	—	79.6
	18	157.0	146.28	16B-18TL-2517	1	108	45	—	—	—	—	—	—	—	—
	19	165.2	154.33	16B-19HTL-2517	1	108	45	16B-2-19TL-2517	3	—	47.7	16B-3-19TL-3020	5	—	79.6
	20	173.2	162.38	16B-20TL-2517	1	108	45	—	—	—	—	—	—	—	—
	21	181.2	170.43	16B-21HTL-2517	1	110	45	16B-2-21TL-2517	2	140	51	16B-3-21TL-3030	5	—	79.6
	22	184.3	178.48	16B-22TL-2517	1	110	45	—	—	—	—	—	—	—	—
	23	197.5	186.53	16B-23HTL-2517	1	110	45	16B-2-23TL-3020	2	140	51	16B-3-23TL-3525	5	—	79.6
	24	205.5	194.59	16B-24TL-2517	1	110	45	—	—	—	—	—	—	—	—
	25	213.5	202.66	16B-25HTL-2517	1	110	45	16B-2-25TL-3020	2	140	51	16B-3-25TL-3525	5	—	79.6
	26	221.6	210.72	16B-26TL-2517	1	110	45	—	—	—	—	—	—	—	—
	27	229.6	218.79	16B-27HTL-2517	1	110	45	16B-2-27TL-3020	2	140	51	16B-3-27TL-3525	5	—	79.6
	28	237.7	226.85	16B-28TL-2517	1	110	45	—	—	—	—	—	—	—	—
	30	254.0	243.00	16B-30HTL-3020	1	140	51	16B-2-30TL-3020	2	140	51	16B-3-30TL-3525	5	—	79.6
	38	320.7	307.59	16B-38TL-3020	1	140	51	16B-2-38TL-3020	2	140	51	16B-3-38TL-3525	5	—	79.6
	45	377.1	364.13	16B-45TL-3020	1	140	51	16B-2-45TL-3020	2	140	51	16B-3-45TL-4030	4	216	79.6
	57	474.0	461.07	16B-57TL-3020	1	140	51	16B-2-57TL-3525	2	175	65	16B-3-57TL-4030	4	216	79.6
	76	627.0	614.65	16B-76TL-3020	1	140	51	16B-2-76TL-3525	2	175	65	16B-3-76TL-4030	4	216	79.6
	95	781.1	768.22	16B-95TL-3020	1	140	51	16B-2-95TL-3525	2	215	65	16B-3-95TL-4030	4	240	79.6
	114	943.3	921.81	16B-114TL-3030	1	140	76	16B-2-114TL-4040	2	215	102	—	—	—	—

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

Metric Sprockets
Standard, Hardened Teeth and Stainless Steel
ISO 16B Hub Type B
Din 8187/ISO R 606



Standard

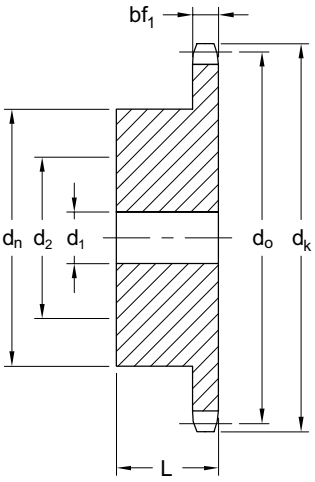


Hardened Teeth



Stainless Steel

Chain Size: **16B-1 (1" x 17.02 mm)**
Pitch: 25.4 mm
Roller Width: 17.02 mm
Roller Dia.: 15.88 mm
Spkt. Width: 16.2 mm (bf_1)
Material: Standard Steel C45
Material: Stainless Steel 304L



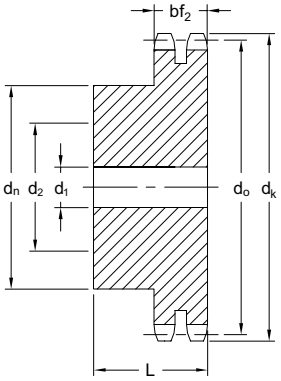
Part No. Standard	Part No. Hardened Teeth	Part No. Stainless Steel	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
16B-8B	—	—	8	66.37	77.0	42	16	26	35	0.50
16B-9B	—	—	9	74.27	85.0	50	16	31	35	0.70
16B-10B	—	—	10	82.19	93.0	55	16	35	35	0.85
16B-11B	—	—	11	90.14	99.5	61	16	40	40	1.16
16B-12B	16B-12BH	16B-12BSS	12	98.14	109.0	69	16	43	40	1.50
16B-13B	16B-13BH	16B-13BSS	13	106.12	117.0	78	16	49	40	1.81
16B-14B	16B-14BH	16B-14BSS	14	114.15	125.0	84	16	52	40	2.10
16B-15B	16B-15BH	16B-15BSS	15	122.17	133.0	92	16	58	40	2.53
16B-16B	16B-16BH	16B-16BSS	16	130.20	141.0	100	20	63	45	3.20
16B-17B	16B-17BH	16B-17BSS	17	138.22	149.0	100	20	63	45	3.42
16B-18B	16B-18BH	16B-18BSS	18	146.28	157.0	100	20	63	45	3.62
16B-19B	16B-19BH	16B-19BSS	19	154.33	165.2	100	20	63	45	3.80
16B-20B	16B-20BH	16B-20BSS	20	162.38	173.2	100	20	63	45	4.15
16B-21B	16B-21BH	16B-21BSS	21	170.43	181.2	110	20	70	50	5.10
16B-22B	16B-22BH	16B-22BSS	22	178.48	189.3	110	20	70	50	5.40
16B-23B	16B-23BH	16B-23BSS	23	186.53	197.5	110	20	70	50	5.65
16B-24B	16B-24BH	16B-24BSS	24	194.59	205.5	110	20	70	50	5.90
16B-25B	16B-25BH	16B-25BSS	25	202.66	213.5	110	20	70	50	6.30
16B-26B	—	—	26	210.72	221.6	120	20	76	50	7.00
16B-27B	—	—	27	218.79	229.6	120	20	76	50	7.35
16B-28B	—	—	28	226.85	237.7	120	20	76	50	7.70
16B-29B	—	—	29	234.92	245.8	120	20	76	50	8.10
16B-30B	16B-30BH	16B-30BSS	30	243.00	254.0	120	25	76	50	8.40
16B-31B	—	—	31	251.08	262.0	120	25	76	50	9.50
16B-32B	—	—	32	259.13	270.0	120	25	76	50	9.09
16B-33B	—	—	33	267.21	278.5	120	25	76	50	9.50
16B-34B	—	—	34	275.28	287.0	120	25	76	50	11.40
16B-35B	—	—	35	283.36	296.2	120	25	76	50	11.80
16B-36B	—	—	36	291.44	304.6	120	25	76	50	12.10
16B-37B	—	—	37	299.51	312.6	120	25	76	50	12.40
16B-38B	—	—	38	307.59	320.7	120	25	76	50	13.15
16B-39B	—	—	39	315.67	328.8	120	25	76	50	13.80
16B-40B	—	—	40	323.73	336.9	120	25	76	50	14.05

Note: All sizes can be Induction Hardened. Finish Bore and Key-way available on request. Other Stainless sizes available on request.

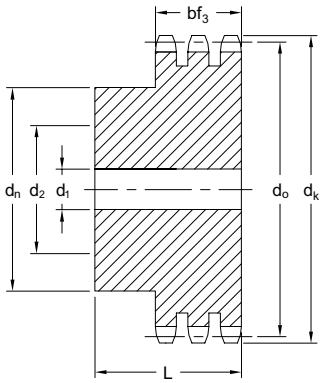
Metric Sprockets

ISO 16B-2 and 16B-3 Hub Type B









Chain Size: 16B-2 (1" x 17.02mm)
Spkt Width: 47.7mm (bf_2)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
16B-2-8B	8	66.37	77.0	42	16	26	65	0.90
16B-2-9B	9	74.27	85.0	50	16	31	65	1.20
16B-2-10B	10	82.19	93.0	56	16	35	65	1.63
16B-2-11B	11	90.14	99.5	64	20	40	70	2.10
16B-2-12B	12	98.14	109.0	72	20	45	70	2.68
16B-2-13B	13	106.12	117.0	80	20	50	70	3.20
16B-2-14B	14	114.15	125.0	88	20	53	70	3.89
16B-2-15B	15	122.17	133.0	96	20	61	70	4.50
16B-2-16B	16	130.20	141.0	104	20	65	70	5.30
16B-2-17B	17	138.22	149.0	112	20	72	70	5.80
16B-2-18B	18	146.28	157.0	120	20	76	70	6.75
16B-2-19B	19	154.33	165.2	128	20	78	70	8.00
16B-2-20B	20	162.38	173.2	130	20	80	70	8.50
16B-2-21B	21	170.43	181.2	130	25	80	70	9.50
16B-2-22B	22	178.48	189.3	130	25	80	70	9.80
16B-2-23B	23	186.53	197.5	130	25	80	70	10.05
16B-2-24B	24	194.59	205.5	130	25	80	70	11.50
16B-2-25B	25	202.66	213.5	130	25	80	70	11.70
16B-2-26B	26	210.72	221.6	130	25	80	70	11.90
16B-2-27B	27	218.79	229.6	130	25	80	70	12.15
16B-2-28B	28	226.85	237.7	130	25	80	70	12.30
16B-2-29B	29	234.92	245.8	130	25	80	70	16.50
16B-2-30B	30	243.00	254.0	130	25	80	70	17.50
16B-2-31B	31	251.08	262.0	140	25	85	70	19.00
16B-2-32B	32	259.13	270.0	140	25	85	70	20.00
16B-2-33B	33	267.21	278.5	140	25	85	70	21.00
16B-2-34B	34	275.28	287.0	140	25	85	70	23.00
16B-2-35B	35	283.36	296.2	140	25	85	70	24.50
16B-2-36B	36	291.44	304.6	140	25	85	70	25.00
16B-2-37B	37	299.51	312.6	140	25	85	70	26.60
16B-2-38B	38	307.59	320.7	140	25	85	70	27.50
16B-2-39B	39	315.67	328.8	140	25	85	70	30.00
16B-2-40B	40	323.73	366.9	140	25	85	70	30.70

Chain Size: 16B-3 (1" x 17.02mm)
Spkt Width: 79.6mm (bf_3)

Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2* mm	L mm	Weight kg
16B-3-8B	8	66.37	77.0	42	20	26	95	1.50
16B-3-9B	9	74.27	85.0	50	20	31	95	1.85
16B-3-10B	10	82.19	93.0	56	20	35	95	2.20
16B-3-11B	11	90.14	99.5	64	25	40	100	2.80
16B-3-12B	12	98.14	109.0	72	25	46	100	3.15
16B-3-13B	13	106.12	117.0	80	25	50	100	4.50
16B-3-14B	14	114.15	125.0	88	25	53	100	5.40
16B-3-15B	15	122.17	133.0	96	25	60	100	6.45
16B-3-16B	16	130.20	141.0	104	30	65	100	7.40
16B-3-17B	17	138.22	149.0	112	30	70	100	8.50
16B-3-18B	18	146.28	157.0	120	30	76	100	9.65
16B-3-19B	19	154.33	165.2	128	30	78	100	11.00
16B-3-20B	20	162.38	173.2	130	30	80	100	11.55
16B-3-21B	21	170.43	181.2	130	30	80	100	12.15
16B-3-22B	22	178.48	189.3	130	30	80	100	12.70
16B-3-23B	23	186.53	197.5	130	30	80	100	13.20
16B-3-24B	24	194.59	205.5	130	30	80	100	13.70
16B-3-25B	25	202.66	213.5	130	30	80	100	17.40
16B-3-26B	26	210.72	221.6	130	30	80	100	20.00
16B-3-27B	27	218.79	229.6	130	30	80	100	21.60
16B-3-28B	28	226.85	237.7	130	30	80	100	23.80
16B-3-29B	29	234.92	245.8	130	30	80	100	25.00
16B-3-30B	30	243.00	254.0	130	30	80	100	28.00
16B-3-31B	31	251.08	262.0	140	30	85	100	30.00
16B-3-32B	32	259.13	270.0	140	30	85	100	31.00
16B-3-33B	33	267.21	278.5	140	30	85	100	32.00
16B-3-34B	34	275.28	287.0	140	30	85	100	35.00
16B-3-35B	35	283.36	296.2	140	30	85	100	38.00
16B-3-36B	36	291.44	304.6	140	30	85	100	39.00
16B-3-37B	37	299.51	312.6	140	30	85	100	21.95
16B-3-38B	38	307.59	320.7	140	30	85	100	43.80
16B-3-39B	39	315.67	328.8	140	30	85	100	47.00
16B-3-40B	40	323.73	366.9	140	30	85	100	48.82

*Note: Approximate max bore, consult PTI for larger sizes.

Metric Sprockets

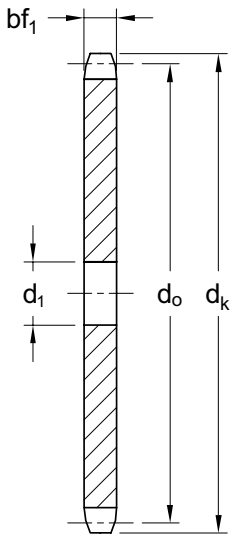
ISO 16B Plate Type A

DIN 8187/ISO R 606

Chain Size: 16B-1
(1" x 17.02 mm)

Pitch: 25.4 mm
Roller Width: 17.02 mm
Roller Dia.: 15.88 mm
Spkt. Width: 16.2 mm (bf_1)
Material: Steel C 45





Note: Double and triple sprockets including stainless steel available on request.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Weight kg
16B-8A	8	66.4	77.0	12	0.40
16B-9A	9	74.3	85.0	12	0.50
16B-10A	10	82.2	93	12	0.53
16B-11A	11	90.1	100	16	0.65
16B-12A	12	98.1	109	16	0.78
16B-13A	13	106.1	117	16	0.91
16B-14A	14	114.1	125	16	1.06
16B-15A	15	122.2	133	16	1.23
16B-16A	16	130.2	141	20	1.40
16B-17A	17	138.2	149	20	1.60
16B-18A	18	146.3	157	20	1.80
16B-19A	19	154.3	165	20	2.00
16B-20A	20	162.4	173	20	2.25
16B-21A	21	170.4	181	20	2.50
16B-22A	22	178.5	189	20	2.75
16B-23A	23	186.5	198	20	3.02
16B-24A	24	194.6	206	20	3.30
16B-25A	25	202.7	214	20	3.59
16B-26A	26	210.7	222	20	3.82
16B-27A	27	218.8	230	20	4.17
16B-28A	28	226.8	238	20	4.46
16B-29A	29	234.9	246	20	4.82
16B-30A	30	243.0	254	20	5.20
16B-31A	31	251.1	262	25	5.75
16B-32A	32	259.1	270	25	6.00
16B-33A	33	267.2	279	25	6.40
16B-34A	34	275.3	287	25	6.80
16B-35A	35	283.4	296	25	7.10
16B-36A	36	291.4	305	25	7.50
16B-37A	37	299.5	313	25	7.90
16B-38A	38	307.6	321	25	8.30
16B-39A	39	315.6	329	25	8.65
16B-40A	40	323.7	337	25	9.45
16B-41A	41	331.8	345	25	9.92
16B-42A	42	339.9	353	25	10.44
16B-43A	43	348.0	361	25	10.95
16B-44A	44	356.1	369	25	11.35
16B-45A	45	364.1	377	25	11.82
16B-46A	46	372.2	385	25	12.24
16B-47A	47	380.3	393	25	12.98
16B-48A	48	388.4	401	25	13.58
16B-49A	49	396.4	409	25	14.10
16B-50A	50	404.5	418	25	14.70
16B-54A	54	436.9	448	30	16.70
16B-57A	57	461.1	474	30	18.90
16B-60A	60	485.3	498	30	21.10
16B-65A	65	525.7	539	30	24.70
16B-70A	70	566.1	579	30	28.50
16B-76A	76	614.6	627	30	33.60
16B-80A	80	646.9	660	30	36.90
16B-90A	90	727.8	740	30	39.81
16B-95A	95	768.2	781	30	42.40

Metric Sprockets

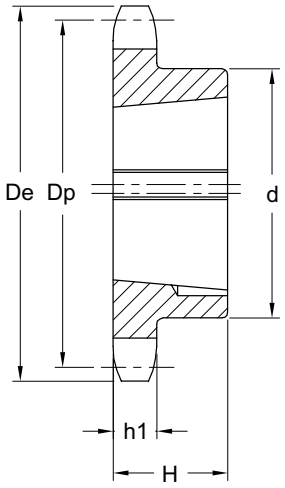
Taper Bushed Type TL

ISO 20B, DIN 8187 - ISO/R 60

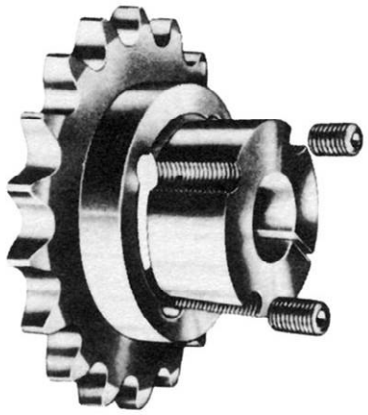
Standard and Hardened Teeth

Material: C45 E

Drawing Dimensions	Sprocket Sizes
	20B
h_1	18.5
h_2	54.6
h_3	91



Type 1



Part No: 20B-17HTL-2517

20B = Chain Size

17 = Number of Teeth

H = Hardened Teeth

TL-2517 = TL Bushing Size

Dimensions in **mm**

Chain Size 1-1/4" x 3/4"	Teeth	D_e	D_p	Single				Wt. kg
				Part No.	Type	d	H	
20B	13	147.8	132.65	20B-13TL-2012	1	90	32	1.4
	14	157.8	142.68	20B-14TL-2012	1	90	32	1.9
	15	167.9	152.72	20B-15HTL-2517	1	108	45	2.5
	16	177.9	162.75	20B-16TL-2517	1	108	45	2.8
	17	187.9	172.78	20B-17HTL-2517	1	108	45	3.3
	18	198.0	182.85	20B-18TL-2517	1	108	45	3.5
	19	208.1	192.91	20B-19HTL-2517	1	108	45	4.0
	20	218.1	202.98	20B-20TL-2517	1	108	45	4.3
	21	228.2	213.04	20B-21HTL-2517	1	108	45	5.0
	22	238.3	223.11	20B-22TL-2517	1	108	45	5.5
	23	248.3	233.17	20B-23HTL-2517	1	108	45	6.0
	24	258.4	243.23	20B-24TL-2517	1	108	45	6.5
	25	268.5	253.33	20B-25HTL-2517	1	108	45	7.2
	27	288.6	273.40	20B-27TL-3020	1	150	51	9.0
	30	318.9	303.75	20B-30TL-3020	1	150	51	11.0
	38	399.6	384.49	20B-38TL-3020	1	160	51	17.5
	45	470.3	455.17	20B-45TL-3020	1	160	51	24.5
	57	591.5	576.36	20B-57TL-3020	1	160	51	38.0
	76	783.5	768.32	20B-76TL-3020	1	160	51	67.0

Note: Shaded items with "H" in Part No. indicates Hardened Teeth.

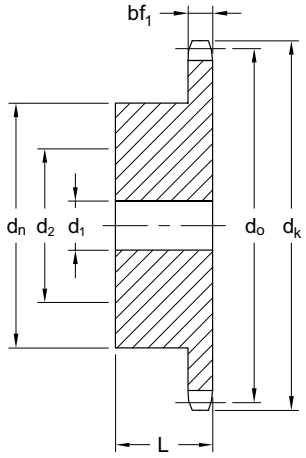
Metric Sprockets

ISO 20B Hub Type B

DIN 8187/ISO R 606

Chain Size: 20B-1 (1-1/4" x 3/4")
Pitch: 31.75 mm
Roller Width: 19.56 mm
Roller Dia.: 19.05 mm
Spkt. Width: 18.5 mm (bf_1)
Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
20B-8B	8	82.96	98.1	53	20	25	40	0.95
20B-9B	9	92.84	108.0	63	20	35	40	1.20
20B-10B	10	102.7	118	70	20	40	40	1.60
20B-11B	11	112.6	127.8	77	20	47	45	2.15
20B-12B	12	122.7	138	88	20	54	45	2.73
20B-13B	13	132.7	148	98	20	61	45	3.30
20B-14B	14	142.7	158	108	20	68	45	3.90
20B-15B	15	152.7	168	118	20	75	45	4.65
20B-16B	16	162.7	178	120	25	75	50	5.40
20B-17B	17	172.8	188	120	25	75	50	5.80
20B-18B	18	182.8	198	120	25	75	50	6.20
20B-19B	19	192.9	208	120	25	75	50	6.60
20B-20B	20	202.9	218	120	25	75	50	7.05
20B-21B	21	213.0	228	140	25	90	55	9.10
20B-22B	22	223.1	238	140	25	90	55	9.40
20B-23B	23	233.2	248	140	25	90	55	10.0
20B-24B	24	243.2	258	140	25	90	55	10.1
20B-25B	25	253.3	268	140	25	90	55	10.2
20B-26B	26	263.4	279	150*	25	100	55	10.3
20B-27B	27	273.5	289	150*	25	100	55	10.4
20B-28B	28	283.6	299	150*	25	100	55	10.5
20B-29B	29	293.7	309	150*	25	100	55	11.0
20B-30B	30	303.8	319	150*	25	100	55	12.0
20B-31B	31	313.9	329	150*	25	100	55	13.5
20B-32B	32	323.9	339	150*	25	100	55	14.0
20B-33B	33	334.0	349	150*	25	100	55	15.5
20B-34B	34	344.1	359	150*	25	100	55	16.8
20B-35B	35	354.2	369	150*	25	100	55	16.9
20B-36B	36	364.3	379	150*	25	100	55	17.0
20B-37B	37	374.4	389	150*	25	100	55	18.5
20B-38B	38	384.5	400	150*	25	100	55	19.3
20B-39B	39	394.6	410	150*	25	100	55	20.0
20B-40B	40	404.7	420	150*	25	100	55	20.2

Note: * Fabricated with welded hub.

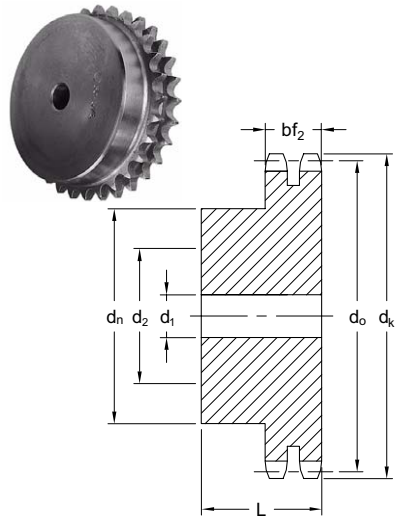
Metric Sprockets

ISO 20B-2, 20B-3 Hub Type B

DIN 8187/ISO R 606

Chain Size: 20B-2 (1-1/4" x 3/4")
Pitch: 31.75 mm (1-1/4")
Roller Width: 19.56 mm
Roller Dia.: 19.05 mm
Material: Steel C45

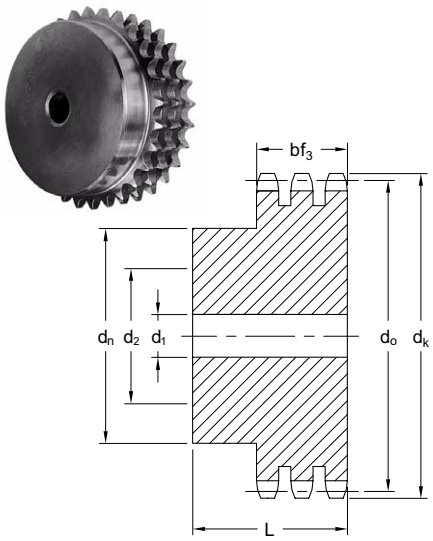
Chain Size: 20B-2
Spkt. Width: 54.6 mm (bf_2)



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
20B-2-10B	10	102.7	118	70	20	40	75	2.8
20B-2-11B	11	112.6	127.8	77	20	47	80	3.9
20B-2-12B	12	122.7	138	88	20	54	80	5.0
20B-2-13B	13	132.7	148	98	20	61	80	6.3
20B-2-14B	14	142.7	158	108	20	68	80	7.2
20B-2-15B	15	152.7	168	118	20	75	80	8.2
20B-2-16B	16	162.7	178	120	25	75	80	9.0
20B-2-17B	17	172.8	188	120	25	75	80	10.0
20B-2-18B	18	182.8	198	120	25	75	80	11.2
20B-2-19B	19	192.9	208	120	25	75	80	12.6
20B-2-20B	20	202.9	218	120	25	75	80	14.2

Larger sizes with welded hub on request.

Chain Size: 20B-3
Spkt. Width: 91 mm (bf_3)



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
20B-3-10B	10	102.7	118	70	20	40	110	4.6
20B-3-11B	11	112.6	127.8	77	20	47	115	6.0
20B-3-12B	12	122.7	138	88	20	54	115	7.4
20B-3-13B	13	132.7	148	98	20	61	115	8.9
20B-3-14B	14	142.7	158	108	20	68	115	10.5
20B-3-15B	15	152.7	168	118	20	75	115	12.4
20B-3-16B	16	162.7	178	120	25	75	115	13.9
20B-3-17B	17	172.8	188	120	25	75	115	15.1
20B-3-18B	18	182.8	198	120	25	75	115	16.8
20B-3-19B	19	192.9	208	120	25	75	115	19.1
20B-3-20B	20	202.9	218	120	25	75	115	22.4

Larger sizes with welded hub on request.

Metric Sprockets

ISO 20B Plate Type A

DIN 8187/ISO R 606

Chain Size: 20B-1 (1-1/4" x 3/4")

Pitch: 31.75 mm

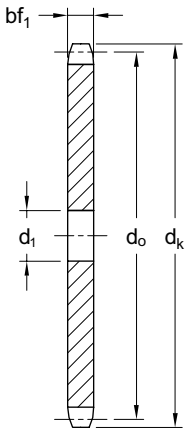
Roller Width: 19.56 mm

Roller Dia.: 19.05 mm

Spkt. Width: 18.5 mm (bf_1)

Material: Steel C45





Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
20B-8A	8	82.96	98.1	16	1.0
20B-9A	9	92.8	108.0	16	1.1
20B-10A	10	102.7	117.9	16	1.2
20B-11A	11	112.7	127.8	20	1.3
20B-12A	12	122.7	138	20	1.50
20B-13A	13	132.7	148	20	1.72
20B-14A	14	142.7	158	20	2.00
20B-15A	15	152.7	168	20	2.32
20B-16A	16	162.7	178	25	2.65
20B-17A	17	172.8	188	25	2.97
20B-18A	18	182.8	198	25	3.50
20B-19A	19	192.9	208	25	3.73
20B-20A	20	203.0	218	25	4.10
20B-21A	21	213.0	228	25	4.60
20B-22A	22	223.1	238	25	5.00
20B-23A	23	233.2	248	25	5.60
20B-24A	24	243.2	258	25	6.10
20B-25A	25	253.3	269	25	6.65
20B-27A	27	273.5	289	25	7.80
20B-30A	30	303.8	319	25	9.65
20B-32A	32	323.9	339	25	11.00
20B-35A	35	354.2	369	25	13.18
20B-38A	38	384.5	400	25	15.46
20B-40A	40	404.7	420	25	17.20
20B-45A	45	455.2	470	30	21.70
20B-48A	48	485.5	501	30	25.00
20B-57A	57	576.4	592	30	34.50
20B-65A	65	657.2	672	30	50.40
20B-76A	76	768.2	784	30	62.90

ISO 24B Plate Type A

DIN 8187/ISO R 606

Chain Size: 24B-1 (1-1/2" x 1")

Pitch: 38.1 mm

Roller Width: 25.4 mm

Roller Dia.: 25.4 mm

Spkt. Width: 24.1 mm (bf_1)

Material: Steel C45

Note:
Double and triple sprockets including stainless steel available on request. Larger sizes also available.

Part No.	Teeth	d_o mm	d_k mm	d_1 mm	Wt. kg
24B-8A	8	99.6	115.0	20	2.2
24B-9A	9	111.4	126.4	20	2.4
24B-10A	10	123.3	138.0	20	2.5
24B-11A	11	135.2	150.0	25	2.7
24B-12A	12	147.2	162	20	2.80
24B-13A	13	159.2	174	20	3.10
24B-14A	14	171.2	186	20	3.60
24B-15A	15	183.3	199	20	4.10
24B-16A	16	195.3	211	25	4.70
24B-17A	17	207.3	222	25	5.30
24B-18A	18	219.4	234	25	6.00
24B-19A	19	231.5	246.5	25	6.70
24B-20A	20	243.5	259	25	7.50
24B-21A	21	255.6	271	25	8.30
24B-22A	22	267.7	283	25	9.20
24B-23A	23	279.8	295	25	10.00
24B-24A	24	291.9	307	25	11.10
24B-25A	25	304.0	319	25	11.80
24B-27A	27	328.2	343	30	14.20
24B-30A	30	364.5	380	30	17.00
24B-32A	32	388.6	404	30	18.00
24B-35A	35	425.0	440	30	20.00
24B-38A	38	461.4	477	30	27.60
24B-40A	40	485.6	501	30	29.00
24B-45A	45	546.2	562	30	39.10
24B-48A	48	582.5	597	30	41.20
24B-56A	56	679.5	694	30	60.00
24B-57A	57	691.6	706	30	62.00
24B-76A	76	921.9	937	40	95.00

Metric Sprockets

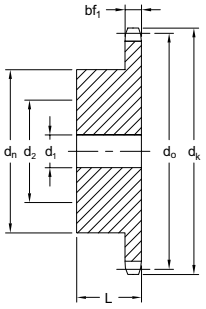
ISO 24B Hub Type B

DIN 8187/ISO R 606

Chain Size: 24B-1 (1-1/2" x 1")

Pitch: 38.1 mm
Roller Width: 25.4 mm
Roller Dia.: 25.4 mm
Spkt. Width: 24.1 mm (bf_1)
Material: Steel C45



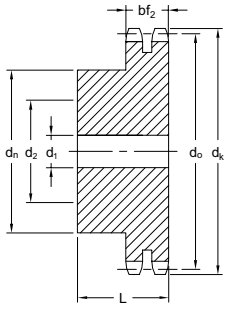


Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Weight kg
24B-10B	10	123.3	138	80	20	50	45	3.90
24B-11B	11	135.2	150	90	25	57	50	4.05
24B-12B	12	147.2	162	102	25	62	50	4.30
24B-13B	13	159.2	174	114	25	70	50	5.10
24B-14B	14	171.2	186	128	25	80	50	6.27
24B-15B	15	183.3	198	140	25	90	50	7.15
24B-16B	16	195.3	211	140	25	90	55	8.78
24B-17B	17	207.3	222	140	25	90	55	9.25
24B-18B	18	219.4	234	140	25	90	55	10.16
24B-19B	19	231.5	247	140	25	90	55	10.60
24B-20B	20	243.5	259	140	25	90	55	11.28
24B-21B	21	255.6	271	150	25	95	60	13.32
24B-22B	22	267.7	283	150	25	95	60	14.30
24B-23B	23	279.8	295	150	25	95	60	15.10
24B-24B	24	291.9	307	150	25	95	60	16.00
24B-25B	25	304.0	320	150	25	95	60	16.95

Chain Size: 24B-2

Spkt. Width: 72 mm (bf_2)



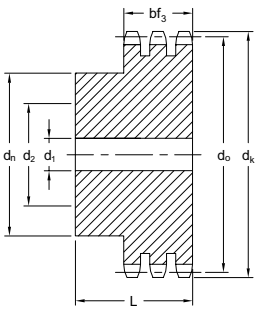


Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Weight kg
24B-2-10B	10	123.3	138	80	20	50	95	5.4
24B-2-11B	11	135.2	150	90	25	57	100	6.7
24B-2-12B	12	147.2	162	102	25	62	100	8.5
24B-2-13B	13	159.2	174	114	25	70	100	10.1
24B-2-14B	14	171.2	186	128	25	80	100	12.4
24B-2-15B	15	183.3	198	140	25	90	100	14.8
24B-2-16B	16	195.3	211	140	25	90	100	17.0
24B-2-17B	17	207.3	222	140	25	90	100	19.0
24B-2-18B	18	219.4	234	140	25	90	100	21.0
24B-2-19B	19	231.5	247	140	25	90	100	24.0
24B-2-20B	20	243.5	259	140	25	90	100	28.0

Chain Size: 24B-3

Spkt. Width: 120.3 mm (bf_3)





Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Weight kg
24B-3-10B	10	123.3	138	80	20	50	140	8.0
24B-3-11B	11	135.2	150	90	25	57	150	9.5
24B-3-12B	12	147.2	162	102	25	62	150	12.6
24B-3-13B	13	159.2	174	114	25	70	150	15.8
24B-3-14B	14	171.2	186	128	25	80	150	18.8
24B-3-15B	15	183.3	198	140	25	90	150	21.9
24B-3-16B	16	195.3	211	140	25	90	150	24.9
24B-3-17B	17	207.3	222	140	25	90	150	28.9
24B-3-18B	18	219.4	234	140	25	90	150	33.4
24B-3-19B	19	231.5	247	140	25	90	150	37.5
24B-3-20B	20	243.5	259	140	25	90	150	41.8

Larger sizes on request.

Metric Sprockets

ISO 28B Hub Type B

DIN 8187/ISO R 606

Chain Size: 28B-1 (1-3/4" x 1-1/4")

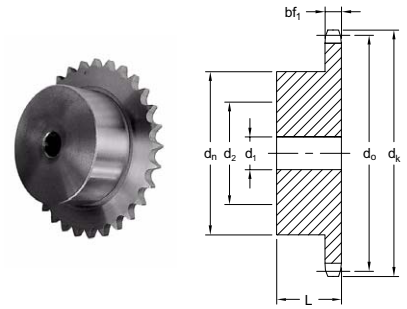
Pitch: 44.45 mm (1-3/4")

Roller Width: 30.99 mm

Roller Dia.: 27.94 mm

Spkt. Width: 28.0 mm (bf_1)

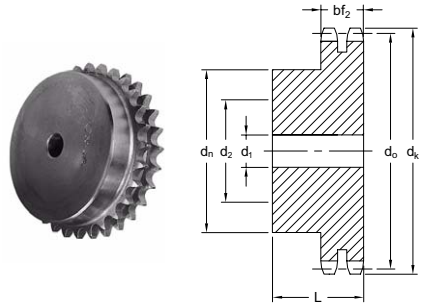
Material: Steel C45



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
28B-8B	8	116.2	132	74	25	45	70	1.9
28B-9B	9	129.9	148	88	25	55	70	2.1
28B-10B	10	143.9	162	100	25	60	70	5.5
28B-11B	11	157.8	176	112	25	70	70	7.0
28B-12B	12	171.7	186	125	25	90	70	8.0
28B-13B	13	185.8	204	130*	25	90	70	9.1
28B-14B	14	199.8	218	130*	25	90	70	10.35
28B-15B	15	213.8	232	145*	25	90	70	12.0
28B-16B	16	227.8	246	160*	30	100	75	7.5
28B-17B	17	241.9	260	160*	30	100	75	11.5
28B-18B	18	255.9	274	160*	30	100	75	17.5
28B-19B	19	270.0	289	160*	30	100	75	14.01
28B-20B	20	284.1	303	160*	30	100	75	20.0

Chain Size: 28B-2

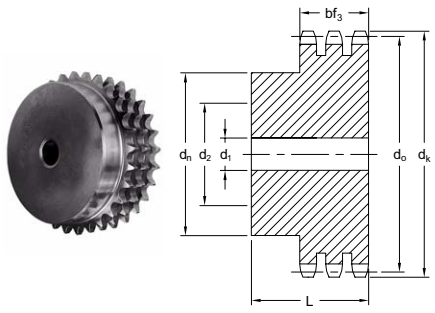
Spkt. Width: 87.5 mm (bf_2)



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
28B-2-8B	8	116.2	132	74	25	45	120	5.0
28B-2-9B	9	129.9	148	88	25	55	120	7.0
28B-2-10B	10	143.9	162	100	25	60	120	9.5
28B-2-11B	11	157.8	176	112	25	70	120	12.5
28B-2-12B	12	171.7	186	125	25	90	120	14.65
28B-2-13B	13	185.8	204	130*	25	90	120	16.9
28B-2-14B	14	199.8	218	130*	25	90	120	16.95
28B-2-15B	15	213.8	232	145*	25	90	120	17.0
28B-2-16B	16	227.8	246	160*	30	100	120	17.15
28B-2-17B	17	241.9	260	160*	30	100	120	17.35
28B-2-18B	18	255.9	274	160*	30	100	120	17.50
28B-2-19B	19	270.0	289	180*	30	100	120	19.25
28B-2-20B	20	284.1	303	180*	30	100	120	42.6

Chain Size: 28B-3

Spkt. Width: 147.0 mm (bf_3)



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
28B-3-8B	8	116.2	132	74	25	45	180	9.0
28B-3-9B	9	129.9	148	88	25	55	180	11.0
28B-3-10B	10	143.9	162	100	25	60	180	14.0
28B-3-11B	11	157.8	176	112	25	70	180	17.0
28B-3-12B	12	171.7	186	125	25	90	180	20.0
28B-3-13B	13	185.8	204	130*	25	90	180	25.3
28B-3-14B	14	199.8	218	130*	25	90	180	30.0
28B-3-15B	15	213.8	232	145*	25	90	180	35.0
28B-3-16B	16	227.8	246	160*	30	100	180	40.5
28B-3-17B	17	241.9	260	160*	30	100	180	46.0
28B-3-18B	18	255.9	274	160*	30	100	180	53.0
28B-3-19B	19	270.0	289	160*	30	100	180	59.0
28B-3-20B	20	284.1	303	160*	30	100	180	62.0

Note: * Fabricated with welded hub.

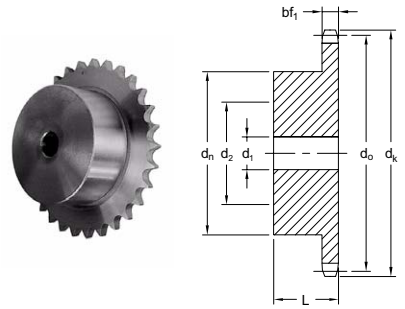
Metric Sprockets

ISO 32B Hub Type B

DIN 8187/ISO R 606

Chain Size: 32B-1 (2" x 1-1/4")

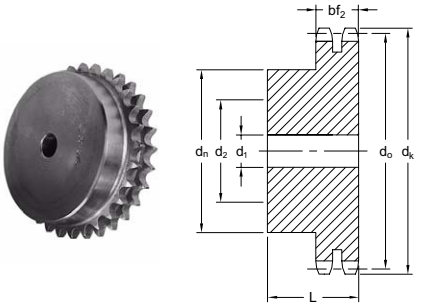
Pitch: 50.8 mm (2")
Roller Width: 30.99 mm
Roller Dia.: 29.21 mm
Spkt. Width: 29.4 mm (bf_1)
Material: Steel C45



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
32B-8B	8	132.7	153	82	25	50	80	6.00
32B-9B	9	148.5	169	88	25	55	80	5.55
32B-10B	10	164.4	185	104	25	60	80	8.00
32B-11B	11	180.3	200	120	30	75	80	8.70
32B-12B	12	196.3	217	133*	30	80	80	11.00
32B-13B	13	212.3	233	145*	30	90	80	9.00
32B-14B	14	228.3	249	160*	30	100	80	15.70
32B-15B	15	244.3	265	160*	30	100	80	18.00

Chain Size: 32B-2

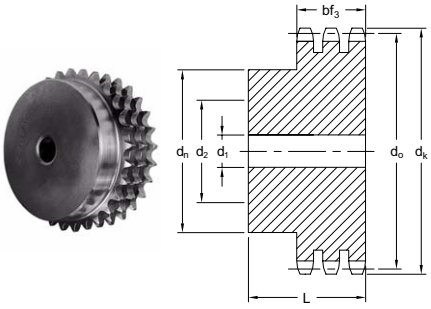
Spkt. Width: 87.4 mm (bf_2)



Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
32B-2-8B	8	132.7	153	82	25	50	120	10.0
32B-2-9B	9	148.5	169	88	25	55	120	12.0
32B-2-10B	10	164.4	185	104	25	60	120	14.5
32B-2-11B	11	180.3	200	120	30	75	120	16.0
32B-2-12B	12	196.3	217	133*	30	80	120	18.2
32B-2-13B	13	212.3	233	145*	30	90	120	21.5
32B-2-14B	14	228.3	249	160*	30	100	120	26.5
32B-2-15B	15	244.3	265	160*	30	100	120	31.0

Chain Size: 32B-3

Spkt. Width: 146.0 mm (bf_3)

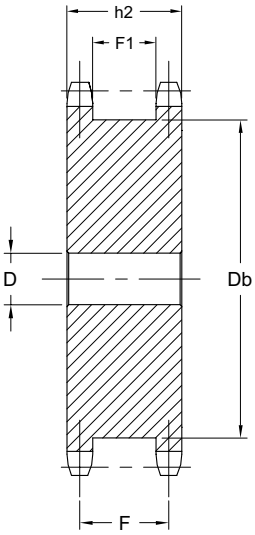


Part No.	Teeth	d_o mm	d_k mm	d_n mm	d_1 mm	d_2 mm	L mm	Wt. kg
32B-3-8B	8	132.7	153	82	25	50	180	21.0
32B-3-9B	9	148.5	169	88	25	55	180	23.0
32B-3-10B	10	164.4	185	104	25	60	180	25.0
32B-3-11B	11	180.3	200	120	30	75	180	27.0
32B-3-12B	12	196.3	217	133*	30	80	180	30.0
32B-3-13B	13	212.3	233	145*	30	90	180	33.9
32B-3-14B	14	228.3	249	160*	30	100	180	40.6
32B-3-15B	15	244.3	265	160*	30	100	180	46.0

Note: * Fabricated with welded hub.

Metric Double Single Sprocket

Material: C45 E Steel





For 06B-1 Roller Chain (3/8" x 7/32", Roller Diameter 6.35mm)						
Part No.	Teeth	h2	F	F1	Db	D
06B-13DS	13	24.3	19	13.7	28	10
06B-14DS	14	24.3	19	13.7	31	10
06B-15DS	15	24.3	19	13.7	34	10
06B-16DS	16	24.3	19	13.7	37	10
06B-17DS	17	24.3	19	13.7	40	10
06B-18DS	18	24.3	19	13.7	43	10
06B-19DS	19	24.3	19	13.7	46	10
06B-20DS	20	24.3	19	13.7	49	10
06B-21DS	21	24.3	19	13.7	52	12
06B-23DS	23	24.3	19	13.7	59	12
06B-25DS	25	24.3	19	13.7	65	12

For 08B-1 Roller Chain (1/2" x 5/16", Roller Diameter 8.51mm)						
Part No.	Teeth	h2	F	F1	Db	D
08B-12DS	12	31	23.8	16.6	33	10
08B-13DS	13	31	23.8	16.6	37	10
08B-14DS	14	31	23.8	16.6	42	10
08B-15DS	15	31	23.8	16.6	45	10
08B-16DS	16	31	23.8	16.6	49	10
08B-17DS	17	31	23.8	16.6	53	12
08B-18DS	18	31	23.8	16.6	57	12
08B-19DS	19	31	23.8	16.6	62	12
08B-20DS	20	31	23.8	16.6	66	12
08B-21DS	21	31	23.8	16.6	70	14
08B-23DS	23	31	23.8	16.6	78	14
08B-24DS	24	31	23.8	16.6	82	14
08B-25DS	25	31	23.8	16.6	86	14

For 10B-1 Roller Chain (5/8" x 3/8", Roller Diameter 10.16mm)						
Part No.	Teeth	h2	F	F1	Db	D
10B-12DS	12	36.5	27.3	18.1	45	12
10B-13DS	13	36.5	27.3	18.1	50	12
10B-14DS	14	36.5	27.3	18.1	55	12
10B-15DS	15	36.5	27.3	18.1	60	12
10B-16DS	16	36.5	27.3	18.1	73	14
10B-17DS	17	36.5	27.3	18.1	70	14
10B-18DS	18	36.5	27.3	18.1	75	14
10B-19DS	19	36.5	27.3	18.1	80	14
10B-20DS	20	36.5	27.3	18.1	85	14
10B-21DS	21	36.5	27.3	18.1	90	16
10B-22DS	22	36.5	27.3	18.1	95	16
10B-23DS	23	36.5	27.3	18.1	100	16
10B-25DS	25	36.5	27.3	18.1	110	16

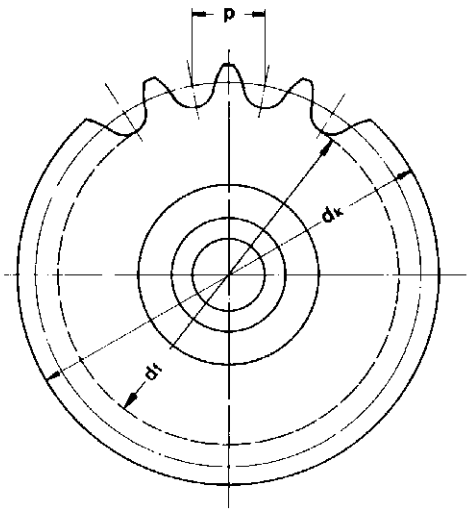
For 12B-1 Roller Chain (3/4" x 7/16", Roller Diameter 12.07mm)						
Part No.	Teeth	h2	F	F1	Db	D
12B-12DS	12	45	33.9	22.8	53	14
12B-13DS	13	45	33.9	22.8	59	14
12B-14DS	14	45	33.9	22.8	65	14
12B-15DS	15	45	33.9	22.8	71	14
12B-16DS	16	45	33.9	22.8	77	14
12B-17DS	17	45	33.9	22.8	83	16
12B-18DS	18	45	33.9	22.8	89	16
12B-19DS	19	45	33.9	22.8	95	16
12B-20DS	20	45	33.9	22.8	101	16
12B-21DS	21	45	33.9	22.8	107	20
12B-23DS	23	45	33.9	22.8	119	20
12B-25DS	25	45	33.9	22.8	131	20

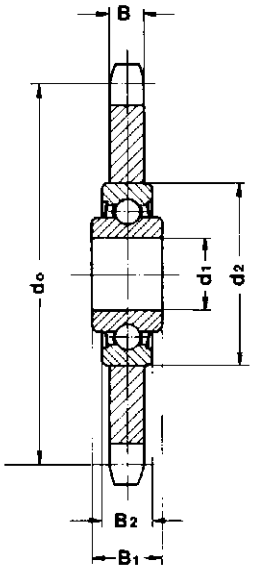
For 16B-1 Roller Chain (1" x 17.2", Roller Diameter 15.88mm)						
Part No.	Teeth	h2	F	F1	Db	D
16B-13DS	13	63.5	47.3	31.1	81	16
16B-14DS	14	63.5	47.3	31.1	89	16
16B-15DS	15	63.5	47.3	31.1	97	16
16B-16DS	16	63.5	47.3	31.1	105	20
16B-17DS	17	63.5	47.3	31.1	113	20
16B-18DS	18	63.5	47.3	31.1	121	20
16B-19DS	19	63.5	47.3	31.1	129	20
16B-20DS	20	63.5	47.3	31.1	137	20
16B-21DS	21	63.5	47.3	31.1	145	20
16B-23DS	23	63.5	47.3	31.1	161	20
16B-25DS	25	63.5	47.3	31.1	177	20

Note: TL Taper Bushed version available on request.
Finished Bore also available on request.

Metric Idler Sprockets







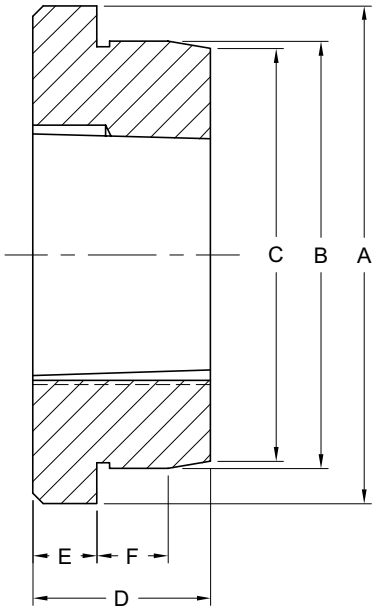
Part No.	Chain Size (ISO)	Pitch p mm	Teeth	d_o mm	d_k mm	B mm	d_1 mm *	d_2 mm	B_1 mm	B_2 mm	Wt. kg
S05B-1-23T	05B-1	8	23	58.75	62.0	7.0	16	40	18.3	12	0.14
S06B-1-21T	06B-1	9.525	21	63.9	68.0	5.3	16	40	18.3	12	0.15
S081B-1-18T	081B-1	12.7	18	73.1	78.9	7.0	16	40	18.3	12	0.20
S083B-1-16T	083B-1	12.7	16	65.1	70.9	7.0	16	40	18.3	12	0.20
S08B-1-16T	08B-1	12.7	16	65.1	69.5	7.2	16	40	18.3	12	0.20
S08B-1-18T	08B-1	12.7	18	73.1	78.0	7.2	16	40	18.3	12	0.20
S10B-1-15T	10B-1	15.875	15	86.4	93.0	9.1	16	40	18.3	12	0.20
S10B-1-17T	10B-1	15.875	17	86.4	93.0	9.1	16	40	18.3	12	0.30
S12B-1-15T	12B-1	19.05	15	91.6	100.0	11.1	16	40	18.3	12	0.40
S16B-1-12T	16B-1	25.4	12	98.1	109.0	16.2	20	47	17.7	14	0.65
S20B-1-13T	20B-1	31.75	13	132.7	148.0	18.5	25	52	25.4	15	0.73

Note: *Bore Tolerance + 0.26/+ 0.13mm

Weld-On Hubs

TL Bushing Type







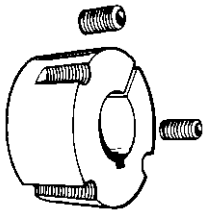
TL Bushing for Weld-On Hub

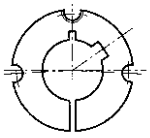
Part No	Bushing	Screw Size	A	B	C	D	E	F
WHTL1210	1210	3/8”-16TPI	73	60	58	25	9	10
WHTL1610	1610	3/8”-16TPI	83	70	68	25	9	10
WHTL1615	1615	3/8”-16TPI	83	70	68	38	16	11
WHTL2012	2012	7/16”-14TPI	96	90	88	32	10	12
WHTL2517	2517	1/2”-13TPI	127	110	108	45	19	13
WHTL2517-BSW	2517	1/2”-12TPI	127	110	108	45	19	13
WHTL3020	3020	5/8”-11TPI	152	130	125	51	24	18
WHTL3030	3030	5/8”-11TPI	152	130	125	76	25	19
WHTL3525-BSW	3525	1/2”-12TPI	184	155	151	65	25	25
WHTL3535	3535	1/2”-13TPI	184	155	151	89	32	25
WHTL3535-BSW	3535	1/2”-12TPI	184	155	151	89	32	25
WHTL4040	4040	5/8”-11TPI	225	195	187	102	32	35
WHTL4545	4545	3/4”-10TPI	254	220	213	114	38	40
WHTL5050	5050	7/8”-9TPI	276	242	228	127	38	40

Note: BSW Types are made to European specs and will accept 1/2”-12 threads per inch. Material: St-50

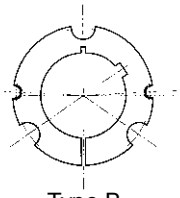
Taper Bushings & Keystock - Metric



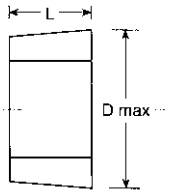


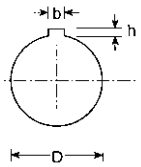


Type A
(1008 - 3030)



Type B
(3535 - 5050)





Part No. Example: 2012-25mm

Dimensions in mm

Size	D mm Bores Available	D max	Bushing Length	Set Screws		Torque Nm
				Whitworth	Length	
1008	10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 22, (24), (25)	35.0	22.3	1/4" x 20 TPI	13	5.7
1108	10, 11, 12, 14, 15, 16, 17, 18, 19, 20, 22, 24, 25, (28)	38.0	22.3	1/4" x 20 TPI	13	5.7
1210	11, 12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32	47.5	25.4	3/8" x 16 TPI	16	20
1215	14, 19, 20, 24, 25, 28	47.5	38.1	3/8" x 16 TPI	16	20
1310	12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, (35)	50.5	25.4	3/8" X 16TPI	16	20
1610	12, 14, 15, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, (42)	57.0	25.4	3/8" x 16 TPI	16	20
1615	14, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, (42)	57.0	38.1	3/8" x 16 TPI	16	20
2012	15, 16, 18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50	70.0	31.8	7/16" x 14 TPI	22	31
2517**	18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50, 55, 60, 65	85.5	44.5	1/2" x 12 TPI	25	49
2517 AS*	18, 19, 20, 22, 24, 25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50, 55, 60, 65	85.5	44.5	1/2" x 13 UNC*	25	49
3020	25, 28, 30, 32, 35, 38, 40, 42, 45, 48, 50, 55, 60, 65, 70, 75	108.0	50.8	5/8" x11 TPI	32	92
3030	35, 38, 40, 42, 45, 48, 50, 55, 60, 65, 70, 75	108.0	76.2	5/8" x 11 TPI	38	92
3525 3535**	35, 38, 40, 42, 45, 48, 50, 55, 60, 65, 70, 75, 80, 85, 90	127.0	88.9	1/2" x 12 TPI	44	115
3535 AS*	35, 38, 40, 42, 45, 50, 55, 60, 65, 70, 75, 80, 85, 90	127.0	88.9	1/2" x 13 UNC*	44	115
4040	40, 42, 45, 48, 50, 55, 60, 65, 70, 75, 80, 85, 90, 95, 100	146.0	101.6	5/8" x 11 TPI	51	172
4545	55, 60, 65, 70, 75, 80, 85, 90, 95, 100, 105, 110	162.0	114.3	3/4" x 10 TPI	57	195
5050	70, 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125	177.5	127.0	7/8" x 9 TPI	59	275

Keyway Dimensions (per DIN 6885)

Bore D	Keyway Width b	Keyway Depth h
10 to 12	4	1.8
13 to 17	5	2.3
18 to 22	6	2.8
23 to 30	8	3.3
31 to 38	10	3.3
39 to 44	12	3.3
45 to 50	14	3.8
51 to 58	16	4.3
59 to 65	18	4.4
66 to 75	20	4.9
76 to 85	22	5.4
86 to 95	25	5.4
96 to 110	28	6.4
111 to 130	32	7.4

Dimensions in mm. Bores in parentheses with Shallow Keyway.

*Denotes "AS" American Standard Thread Sizes - 1/2" x 13 UNC set screws for these sizes.

Shallow Keyway Dimensions

Bore D	Keyway Width b	Keyway Depth h
25	8	1.30
28	8	2.30
32	10	3.30
35	10	3.30
40	12	3.30
42	12	2.20

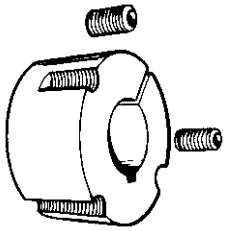
Metric Keystock (12" Length)

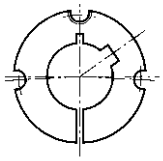
Part No.	Size	Part No.	Size
KS 4 x 4	4 mm	KS 8 x 8	8 mm
KS 5 x 5	5 mm	KS 10 x 10	10 mm
KS 6 x 6	6 mm	KS 12 x 12	12 mm
KS 7 x 7	7 mm		

**Bushing types 2517, 3525 and 3535 are made to "European" standards with 1/2" x 12tpi BSW set screws.

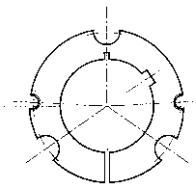
Taper Bushings & Keystock - Inch



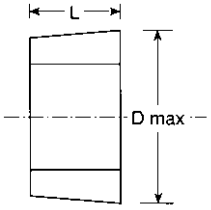


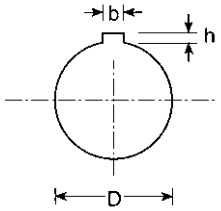


Type A
(1008 - 3030)



Type B
(3535 - 5050)





Part No. Example: 2012-3/4

Dimensions in inches

Size	D inch Bores Available	D max	Bushing Length	Set Screws		Torque Nm
				Whitworth	Length	
1008	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, (15/16), (1)	1.38	0.88	1/4 x 20 TPI	0.51	5.7
1108	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, (1-1/16), (1-1/8)	1.50	0.88	1/4 x 20 TPI	0.51	5.7
1210	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	1.87	1.00	3/8 x 16 TPI	0.63	20
1215	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4	1.87	1.50	3/8 x 16 TPI	0.63	20
1310	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8	1.99	1.00	3/8 x 16 TPI	0.63	20
1610	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, (1-5/8)	2.24	1.00	3/8 x 16 TPI	0.63	20
1615	1/2, 9/16, 5/8, 11/16, 3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, (1-5/8)	2.24	1.50	3/8 x 16 TPI	0.63	20
2012	3/4, 13/16, 7/8, 15/16, 1, 1-1/16, 1-1/8, 1-3/16, 1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, (1-15/16), (2)	2.76	1.25	7/16 x 14 TPI	0.87	31
2517**	1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, (2-3/8), (2-7/16), (2-1/2)	3.37	1.75	1/2 x 12 TPI	0.98	49
2517 AS*	1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, (2-3/8), (2-7/16), (2-1/2)	3.37	1.75	1/2 x 13 UNC*	0.98	49
3020	1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, (2-7/8), (2-15/16), (3)	4.25	2.00	5/8 x 11 TPI	1.26	92
3030	1-1/4, 1-5/16, 1-3/8, 1-7/16, 1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, (2-7/8), (2-15/16), (3)	4.25	3.00	5/8 x 11 TPI	1.50	92
3525 3535**	1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, 2-7/8, 2-15/16, 3, 3-1/8, 3-3/16, 3-1/4, (3-3/8), (3-7/16), (3-1/2)	5.00	3.50	1/2 x 12 TPI	1.73	115
3535 AS*	1-1/2, 1-5/8, 1-11/16, 1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, 2-7/8, 2-15/16, 3, 3-1/8, 3-3/16, 3-1/4, (3-3/8), (3-7/16), (3-1/2)	5.00	3.50	1/2 x 13 UNC*	1.73	115
4040	1-3/4, 1-7/8, 1-15/16, 2, 2-1/8, 2-3/16, 2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, 2-7/8, 2-15/16, 3, 3-1/8, 3-3/16, 3-1/4, 3-3/8, 3-7/16, 3-1/2	5.75	4.00	5/8 x 11 TPI	2.01	172
4545	2-1/4, 2-3/8, 2-7/16, 2-1/2, 2-5/8, 2-11/16, 2-3/4, 2-7/8, 2-15/16, 3, 3-1/8, 3-3/16, 3-1/4, 3-3/8, 3-7/16, 3-1/2, 3-3/4, 3-15/16, 4	6.38	4.50	3/4 x 10 TPI	2.24	195
5050	2-3/4, 2-7/8, 2-15/16, 3, 3-1/8, 3-3/16, 3-1/4, 3-3/8,3-7/16, 3-1/2, 3-3/4, 3-15/16, 4, 4-3/16, 4-1/4, 4-7/16, 4-1/2, 4-3/4, 4-15/16, 5	6.99	5.00	7/8 x 9 TPI	2.32	275

Keyway Dimensions (per DIN 6885)

Bore D	Keyway Width b	Keyway Depth h
1/2	1/8	1/16
5/8 to 7/8	3/16	3/32
15/16 to 1-1/4	1/4	1/8
1-5/16 to 1-3/8	5/16	5/32
1-7/16 to 1-3/4	3/8	3/16
1-13/16 to 2-1/4	1/2	1/4
2-5/16 to 2-3/4	5/8	5/16
2-13/16 to 3-1/4	3/4	3/8
3-5/16 to 3-3/4	7/8	7/16
3-7/8 to 4-1/2	1	1/2
4-7/8 to 5	1-1/4	5/8

Shallow Keyway Dimensions

Bore D	Keyway Width b	Keyway Depth h
15/16 to 1-1/8	1/4	1/16
1-9/16 to 1-5/8	3/8	1/8
1-15/16 to 2	1/2	3/16
2-5/16 to 2-1/2	5/8	1/4
2-7/8 to 3	3/4	1/4
3-3/8 to 3-1/2	7/8	3/8

Inch Keystock (12" Length)

Part No.	Size	Part No.	Size
KS 1/8 x 1/8	1/8	KS 3/8 x 3/8	3/8
KS 3/16 x 3/16	3/16	KS 7/16 x 7/16	7/16
KS 1/4 x 1/4	1/4	KS 1/2 x 1/2	1/2
KS 5/16 x 5/16	5/16		

Dimensions in **mm** except for Bores and Keyway. Bores in parentheses with Shallow Keyway.

**Bushing types 2517, 3525 and 3535 are made to "European" standards with 1/2" x 12tpi BSW set screws.

To order, specify: 1008 - xx, where xx denotes bore size.

*Denotes "AS" American Standard Thread Sizes - 1/2" x 13 UNC set screw for these sizes.

Metric Spur Gears & Racks

Module Sizes 1-8



Hub Type



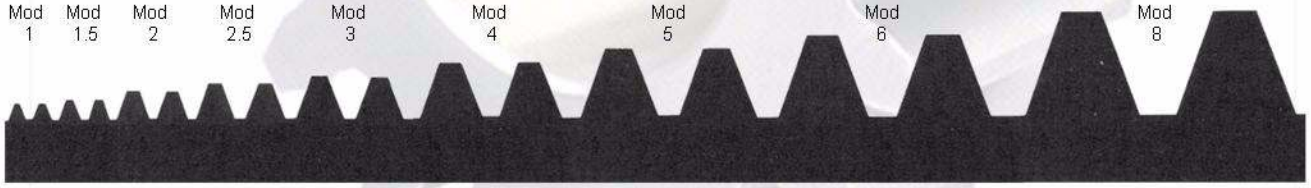
Plate Type





Gear Rack

Gear Rack Module Sizes



Bore Types & Options



Pilot Bore

Bored to Size with keyway & set screw

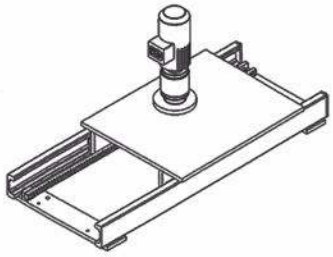
Interference fit

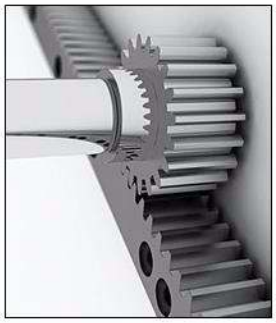
Keyless locking device

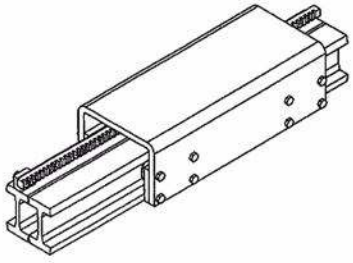
Weld-On Hub & Tapered Bushing

Bolt on Hub for Bushing

Applications - Linear Motion Control









Spur Gear and Gear Rack Basics

There are a wide range of parameters that influence the selection of gears. Strength of the gear tooth is one of the most important factors. This is also known as the bending strength of the tooth as allowed by the stress at the tooth root under load from the mating gear. Surface durability is another, which can be described as the allowable tangential force transmitted safely at the pitch circle. Proper lubrication of the gears will also enhance the life of the working gears and extend service life. Selecting the proper lubricant and ensuring adequate re-lubrication is also an important consideration.

Surface speed of the mating gears is another factor to consider. Unlike enclosed gears that are typically flooded in a lubricant, open gears are more subject to contamination and less lubricant. Other factors that influence selection include operating temperature, moisture, gear alignment, duty cycle and application shock loads.



As speeds increase, whether on mating circular gears for rotational motion or for gear racks and pinion gears that create linear motion, higher speeds may require ground gears for more precise and quiet movement. Minimizing the backlash, which is the space between the non-contact side of mating gear teeth, may require gears sets with a precision fit.

Experience also plays an important role especially when evaluating design improvements. Consider existing applications and results, concerning life and tooth wear can be a good guide to improve similar applications. Gear life is generally extended with hardened teeth, when contamination has been minimized and when proper lubrication has been maintained. Therefore, no one selection criteria can yield the ideal size, so considering all the possible application conditions will yield the best product choice. The following selection criteria will discuss typical gear tooth physical parameters and terms. These are industry standard terms, and intended to form a basis for gear selection. Gears transmit torque and can maintain a rotational or linear speed. Hence they are very popular and an inexpensive choice for power transmission or for controlling linear motion.



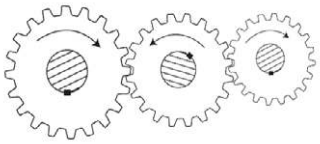
Hub Type



Plate Type

The gears in this catalog are 20° pressure angle and are metric by design. They are available with and without a hub and can fit onto the shaft by a variety of ways. The formulas and selection criteria will be the same regardless of whether inch or metric parameters. Metric gears are necessary for proper part replacement on European equipment and suggested for use on machinery destined for global end use markets where metric replacements may be found easier.

Typical applications include Machine Tools, Heavy Machinery, Packaging Equipment, Lifts, Positioning Equipment, Robotics, Linear Control Equipment and more.



So whether controlling rotational motion, or converting rotational to linear motion, or even clockwise to counter clockwise movement, spur gears offer an economical means for controlling, converting and managing motion efficiently and effectively.

Gear Terms

Addendum: The height of the tooth measured above the pitch cicle.

Backlash: The play (distance) between mating teeth at the pitch cicle.

Center Distance: The distance between centers of mating gears.

Circular Pitch: Arc length of the pitch circle between the centers of other corresponding points of adjacent teeth. Circular Pitch = 3.14159 / Diametral Pitch.

Clearance: The radial distance or separation between the top of one tooth and the bottom of the mating tooth space.

Crown: The face of each gear tooth having a slight outward bulge and thinner on each end. This feature helps accommodate slight misalignments of gear teeth or shafts on which they are mounted.

Dedendum: The depth of the tooth measured below the pitch circle.

Diametral Pitch: The ratio of the number of teeth to the number of inches of pitch diameter. Diametral Pitch = 3.14159 / Circular Pitch.



External Gears: Gears with teeth cut on the outside.

Face Width: The axial tooth length.

Tooth Flank: The surface between the pitch circle and the bottom of the tooth space.

Flank: The working, or contacting, side of the gear tooth.

Gear Center: The center of the pitch circle of the gear.

Gear Ratio: The ratio of the number of teeth in mating gear sets. Usually it is the number of teeth in the driven gear divided by the number of teeth in driving gear.

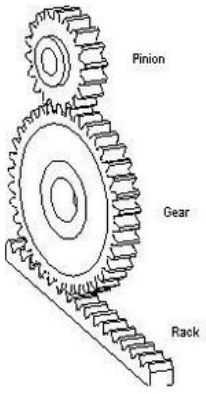
Line of Centers: Connects the centers of the pitch circles of two mating gears

Outside Diameter: (External gears) The distance from the top of one tooth to the top of a tooth opposite measured through the axis of the gear. Outside Diameter = Number of Teeth + 2 / Diametral Pitch.

Pitch: The distance between similar, equally spaced tooth surfaces along a given line or curve.

Pitch Circle: Circle where mating gear contact occurs. Pitch circles are tangent in mating gears.

Pitch Diameter: The diameter of the pitch circle. Pitch Diameter = Number of Teeth / Diametral Pitch.



Point of Contact: Any point at which two tooth profiles touch each other.

Pressure Angle: The angle between a tangent to the tooth profile and a line perpendicular to the pitch surface. Standard gears are either 14-1/2ø or 20ø degree.

Root Diameter: The distance from the bottom of one tooth to the bottom of a tooth opposite measured through the axis of the gear.

Tooth Thickness: The thickness of a tooth at the pitch circle.

Tooth Surface Area: The contact sides or faces of a gear tooth, or the area including the tooth face and the tooth flank.

Shaft Angle: The angle between the axis of two non-parallel gear shafts. This is often referred to as misalignment.

Spur Gears: Gears with straight teeth are always parallel to the axis of rotation.

Spur Gear Selection

Formulas & Criteria

The following criteria will provide a guide to gear selection. Steel spur gears in this catalog are from C45 (C1045) material not hardened. Know there can be many factors in selecting the right and exact gear to match expectations, requirements and criteria. There may be many parameters that impact the selection of gears. Below are some of the basic parameters that will begin to help select the right gear. For a loading guide, the rolling stress load on the tooth σ = 589 N/mm^2 and allowable bending stress σ = 200 N/mm^2.

Gear Strength: Choose the spur gear based on gear strength. The permissible bending strength of a gear is referred to as the allowable tangential force at the pitch circle and relates to the allowable load on the tooth and resulting bending stress in the root of the tooth under load.

Surface Durability is the safe force on the tooth without any occurrence of surface failures. Lubrication will be an important consideration for the teeth that mesh to keep working surfaces lubricated. Speed of the gears in mesh will also play a role as will the type of lubrication.

Selection: The next step is to make an estimated selection based on the torque load. Allowable torque for each gear is listed in the catalog pages for each gear. Different manufacturers may use different loading criteria based on service factors and material stress levels. These published Torque ratings are intended as a guide.

Gear Size is generally proportional to the load capacity. A hardened gear will have more load capacity, but may have less flexibility for absorbing or allowing shock loads or other application requirements. Ground gears will also improve positioning accuracy.

Load or Service Factors for external dynamic loads will also influence the operation and life of the gear. The following service factors that can be applied to the load will help extend service life.

Lubrication: For peripheral speeds less than 0.5 m/s grease will suffice, for peripheral speeds above 0.5 m/s oil should be considered. Safety Factors should be considered for safe working loads.

Speeds: C45 Spur Gears that are milled (un-ground) can be applied at rim speeds up to 12 m/s. As a comparison, ground gears can be applied to 25 m/s. Hardened gears that are milled usually have max limits of 8 m/s due to tooth distortion from the tooth hardening process. Consider multiple stages of gear sets for high reductions.

Noise considerations: milled gears are quietest when held to 5 m/s rim speed. Ground gears would be suggested for more continuous operation primarily for minimizing noise. Also low speed applications, manual drives, pinions with 8-12 teeth can be used. For gears with higher demands, 25 teeth or more should be used.

Selection Formulas (Metric & Inch Units)

Description	Formula	Dimension (Units)
Number of Teeth	$z = Dp / m$	—
Module	$m = p / \pi = Dp / z$	—
Pitch Diameter	$Dp = z \cdot m$	mm
Tooth Pitch	p	mm
Face Width	h	
Addendum Dia.	$D_e = (z + 2) \cdot m$	mm
Pressure Angle	α	degree
Gear Ratio	$r = z_2 / z_1 = n_1 / n_2$	
Center Distance	$c = (Dp_1 + Dp_2) / 2 = (z_1 + z_2) \cdot m / 2$	mm
Torque	$T = 9950 \cdot P / n$	Nm
Power	P	kw
Speed	n	rpm
Rim Speed	$v = (Z_1 \cdot m \cdot n_1) /19100$ $= \pi \cdot D_e \cdot n / 60{,}000$	m/sec
Pi	$\pi = 3.1415$	
E-modulus	$2.1 \cdot 10^5$	N/mm^2
Horsepower	$HP = (T_1 \times n) / 63025$	HP
Torque	T_1	in - lbs
Troque	$T_1 = F \times R$	in - lbs
Radius or moment arm	R	in
Force	F	lbs
Inch		
Linear Motion (Rack & Pinion) Formulas		
Acceleration	$a = V / t$	m/sec^2
Time	t	sec
Tangential Acceleration Force (for lifting axis)	$F_T = (m \cdot g) + (m \cdot a)$	lb
Tangential Acceleration Force (for driving axis)	$F_T = (m \cdot g \cdot \mu) + (m \cdot a)$	lb
Coeffieient of Friction of axis	μ	—
Mass	m	lb • sec^2 / in
Acceleration due to gravity	g	386 in / sec^2

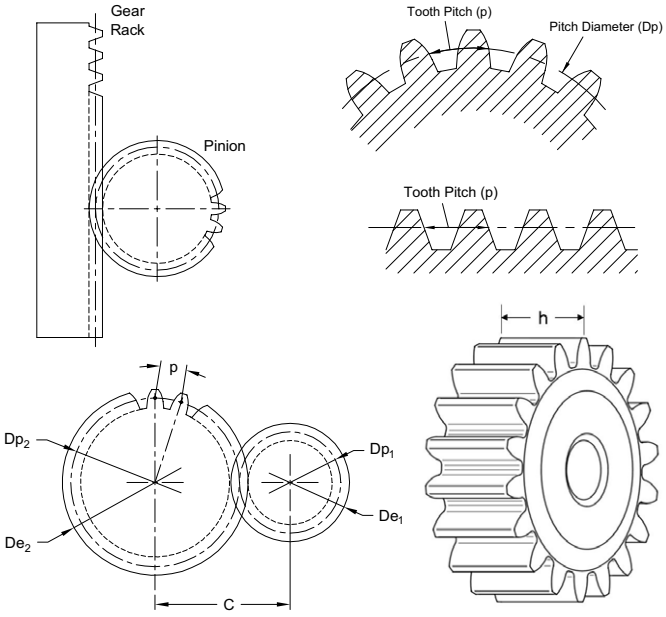
Note: Metric gear ratings are in metric units. Standard Gear formulas and HP-Torque formulas are to the left and formula conversion factors are given below. Care should be taken to insure unit conversions are accurate.

Service Factors

Drive	Uniform Load Factor	Medium Shock Load Factor	Heavy Shock Load Factor
Uniform	1.0	1.25	1.75
Light Shock	1.25	1.5	2.0
Medium Shock	1.5	1.75	2.25

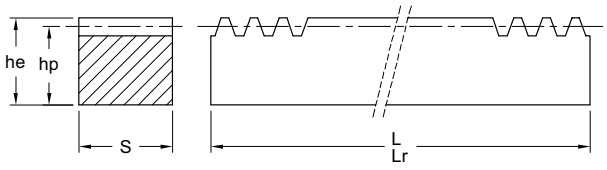
Conversion Factors:

1 Newton N = 0.2248 lbs
1 Newton N = 0.102 Kg
1 Kilogram kg = 2.2 lbs
1 HP = 0.746 Kikowatt (kw)
1 meter m = 3.28 Ft = 39.4 inches
1 inch = 25.4mm



Metric Gear Racks for Spur Gears

Features:
Tolerance on Single Pitch +/- 20µm
Tolerance on Sum of Pitches +/- 30µmm on 500mm
The Quality Grade of the Teeth is from 8 to 9 at DIN 3962/63/67
20° Pressure Angle
Material C 45 E UNI EN 10083-1
Suitable for Continuous Mounting



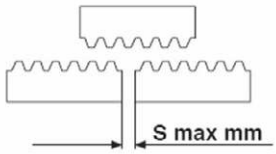


Gear Rack and Spur Gear with Hub

Racks

Module	hp mm	he x S mm	L							
			500 mm		1000 mm		2000 mm		3000 mm	
			Part No.	kg	Part No.	kg	Part No.	kg	Part No.	kg
1	14	15 x 15	M1 x 500	0.82	M1 x 1000	1.50	M1 x 2000	3.10	M1 x 3000	4.90
1.5	15.5	17 x 17	M1.5 x 500	1.00	M1.5 x 1000	2.00	M1.5 x 2000	4.00	M1.5 x 3000	6.10
2	18	20 x 20	M2 x 500	1.40	M2 x 1000	2.70	M2 x 2000	5.40	M2 x 3000	8.40
2.5	22.5	25 x 25	M2.5 x 500	2.10	M2.5 x 1000	4.30	M2.5 x 2000	8.60	M2.5 x 3000	11.90
3	27	30 x 30	M3 x 500	3.10	M3 x 1000	6.30	M3 x 2000	12.50	M3 x 3000	18.60
4 x 25	21	25 x 25	M4 x 25 x 500	1.80	M4 x 25 x 1000	3.65	M4 x 25 x 2000	7.30	M4 x 25 x 3000	10.90
4 x 30	26	30 x 30	M4 x 30 x 500	3.05	M4 x 30 x 1000	6.00	M4 x 30 x 2000	11.90	M4 x 30 x 3000	18.10
4 x 40	36	40 x 40	M4 x 40 x 500	5.50	M4 x 40 x 1000	11.10	M4 x 40 x 2000	22.00	M4 x 40 x 3000	31.30
5	45	50 x 50	M5 x 500	8.30	M5 x 1000	17.50	M5 x 2000	34.60	M5 x 3000	45.30
6	54	60 x 60	M6 x 500	12.65	M6 x 1000	25.00	M6 x 2000	51.00	—	—
8	72	80 x 80	M8 x 500	22.40	M8 x 1000	45.00	M8 x 2000	90.00	—	—

Part No. M2 x 1000
Where: M2 = Module Size
1000 = Length in mm



System Mounting
Top Fit Rack
For fit & Alignment

Technical Specification

Module	Pitch mm	S mm	L (Lr = Actual Length)							
			500 mm		1000 mm		2000 mm		3000 mm	
			Teeth	Lr	Teeth	Lr	Teeth	Lr	Teeth	Lr
1	3.1416	0.5	159	499.51	319	1002.17	637	2001.20	955	3000.23
1.5	4.7124	0.6	106	499.51	213	1003.74	425	2002.77	637	3001.80
2	6.2832	0.6	80	502.66	160	1005.31	319	2004.34	478	3003.37
2.5	7.8540	0.7	64	502.66	128	1005.31	255	2002.77	382	3000.23
3	9.4248	0.8	53	499.51	107	1008.45	213	2007.48	319	3006.51
4	12.5664	0.8	40	502.66	80	1005.31	160	2010.62	239	3003.37
5	15.7080	1.0	32	502.66	64	1005.31	128	2010.62	191	3000.23
6	18.8496	1.0	27	508.94	54	1017.88	107	2016.91	—	—
8	25.1328	1.0	20	502.66	40	1005.31	80	2010.62	—	—

Note: Stainless Rack available on request.

Metric Spur Gear

Module 1
20° Pressure Angle
Straight Tooth

Hub Type



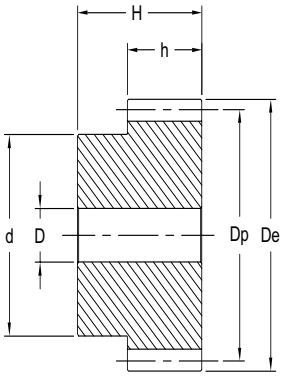
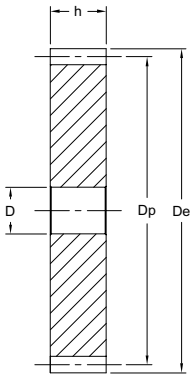


Plate Type





Part No: M1B27

M1 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: FInished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 1							
	Part No.		De mm	Dp mm	d mm	D mm	Max Torque Ncm	Wt g
	Hub Type	Plate Type						
12	M1B12	—	14	12	9	5	35	10
13	M1B13	—	15	13	10	5	40	20
14	M1B14	—	16	14	10	5	45	20
15	M1B15	—	17	15	12	6	49	20
16	M1B16	—	18	16	13	6	53	30
17	M1B17	—	19	17	14	8	55	30
18	M1B18	—	20	18	15	8	62	30
19	M1B19	—	21	19	15	8	72	40
20	M1B20	—	22	20	16	8	81	40
21	M1B21	—	23	21	16	8	91	50
22	M1B22	—	24	22	18	8	101	50
23	M1B23	—	25	23	18	8	112	60
24	M1B24	—	26	24	20	8	125	60
25	M1B25	—	27	25	20	8	136	70
26	M1B26	—	28	26	20	8	150	70
27	M1B27	—	29	27	20	8	164	80
28	M1B28	—	30	28	20	8	177	80
29	M1B29	—	31	29	20	8	195	90
30	M1B30	—	32	30	20	8	209	90
31	M1B31	—	33	31	25	10	224	110
32	M1B32	—	34	32	25	10	243	120
33	M1B33	—	35	33	25	10	262	120
34	M1B34	—	36	34	25	10	279	130
35	M1B35	—	37	35	25	10	299	140
36	M1B36	—	38	36	25	10	318	140
37	M1B37	—	39	37	25	10	329	150
38	M1B38	—	40	38	25	10	364	160
39	M1B39	—	41	39	25	10	385	160
40	M1B40	—	42	40	25	10	409	170
41	M1B41	—	43	41	30	10	436	190
42	M1B42	—	44	42	30	10	459	200
43	M1B43	—	45	43	30	10	486	210
44	M1B44	—	46	44	30	10	511	220
45	M1B45	—	47	45	30	10	538	230
46	M1B46	—	48	46	30	10	566	230
47	M1B47	—	49	47	30	10	602	240
48	M1B48	—	50	48	30	10	642	250
49	M1B49	—	51	49	30	10	682	260
50	M1B50	—	52	50	30	12	725	260
51	M1B51	—	53	51	40	12	769	320
52	M1B52	—	54	52	40	12	818	330
53	M1B53	—	55	53	40	12	843	330
54	M1B54	—	56	54	40	12	893	340
55	M1B55	—	57	55	40	12	934	360
56	M1B56	—	58	56	40	12	972	370
57	M1B57	—	59	57	40	12	1013	380
58	M1B58	—	60	58	40	12	1054	390
59	M1B59	—	61	59	40	12	1101	400
60	M1B60	M1A60	62	60	40	12	1146	410
61	M1B61	—	63	61	50	12	1196	470
62	M1B62	—	64	62	50	12	1265	490
63	M1B63	—	65	63	50	12	1330	500
64	M1B64	—	66	64	50	12	1395	510
65	M1B65	—	67	65	50	12	1459	520
66	M1B66	—	68	66	50	12	1503	530
67	M1B67	—	69	67	50	12	1548	550
68	M1B68	—	70	68	50	12	1592	560
69	M1B69	—	71	69	50	12	1630	570
70	M1B70	M1A70	72	70	50	12	1665	580
72	M1B72	M1A72	74	72	50	12	1729	650
75	M1B75	M1A75	77	75	50	12	1838	730
76	M1B76	M1A76	78	76	50	12	1872	750
80	M1B80	M1A80	82	80	50	12	2030	800
85	—	M1A85	87	85	—	12	2230	730
90	M1B90	M1A90	92	90	50	12	2450	850
95	—	M1A95	97	95	—	12	2660	820
100	M1B100	M1A100	102	100	60	12	2890	900
110	—	M1A110	112	110	—	12	3710	910
114	—	M1A114	116	114	—	12	3820	1000
120	—	M1A120	122	120	—	12	4000	1320
127	—	M1A127	129	127	—	12	4200	1470

Metric Spur Gear with Hub

Module 1.5
20° Pressure Angle
Straight Tooth



Hub Type

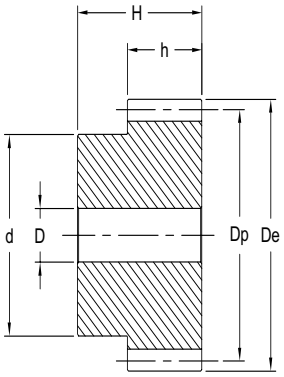
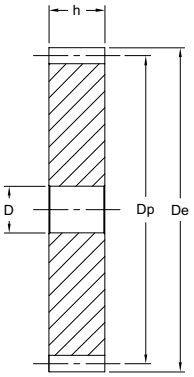




Plate Type



Part No: M1.5B27

M1.5 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 1.5							
	Part No.		De	Dp	d	D	Max Torque	Wt.
	Hub Type	Plate type	mm	mm	mm	mm	Ncm	kg
12	M1.5B12	—	21.0	18.0	14	8	114	40
13	M1.5B13	—	22.5	19.5	14	8	130	50
14	M1.5B14	—	24.0	21.0	18	8	146	60
15	M1.5B15	—	25.5	22.5	18	8	158	70
16	M1.5B16	—	27.0	24.0	20	8	171	80
17	M1.5B17	—	28.5	25.5	20	8	179	90
18	M1.5B18	—	30.0	27.0	20	8	199	100
19	M1.5B19	—	31.5	28.5	20	8	231	100
20	M1.5B20	—	33.0	30.0	25	8	260	130
21	M1.5B21	—	34.5	31.5	25	10	292	130
22	M1.5B22	—	36.0	33.0	25	10	325	140
23	M1.5B23	—	37.5	34.5	25	10	361	160
24	M1.5B24	—	39.0	36.0	25	10	402	170
25	M1.5B25	—	40.5	37.5	25	10	438	180
26	M1.5B26	—	42.0	39.0	30	12	483	200
27	M1.5B27	—	43.5	40.5	30	12	528	220
28	M1.5B28	—	45.0	42.0	30	12	572	230
29	M1.5B29	—	46.5	43.5	30	12	629	240
30	M1.5B30	—	48.0	45.0	30	12	674	260
31	M1.5B31	—	49.5	46.5	35	12	723	300
32	M1.5B32	—	51.0	48.0	35	12	784	310
33	M1.5B33	—	52.5	49.5	35	12	844	330
34	M1.5B34	—	54.0	51.0	35	12	901	340
35	M1.5B35	—	55.5	52.5	35	12	966	360
36	M1.5B36	—	57.0	54.0	35	12	1027	370
37	M1.5B37	—	58.5	55.5	40	12	1060	420
38	M1.5B38	—	60.0	57.0	40	12	1173	440
39	M1.5B39	—	61.5	58.5	40	12	1242	460
40	M1.5B40	—	63.0	60.0	40	12	1320	480
41	M1.5B41	—	64.5	61.5	50	14	1405	500
42	M1.5B42	—	66.0	63.0	50	14	1482	590
43	M1.5B43	—	67.5	64.5	50	14	1567	610
44	M1.5B44	—	69.0	66.0	50	14	1648	630
45	M1.5B45	—	70.5	67.5	50	14	1734	650
46	M1.5B46	—	72.0	69.0	50	14	1827	660
47	M1.5B47	—	73.5	70.5	50	14	1941	700
48	M1.5B48	—	75.0	72.0	50	14	2071	700
49	M1.5B49	—	76.5	73.5	50	14	2200	730
50	M1.5B50	—	78.0	75.0	50	14	2339	760
51	M1.5B51	—	79.5	76.5	60	15	2480	860
52	M1.5B52	—	81.0	78.0	60	15	2640	890
53	M1.5B53	—	82.5	79.5	60	15	2720	910
54	M1.5B54	—	84.0	81.0	60	15	2882	940
55	M1.5B55	—	85.5	82.5	60	15	3014	960
56	M1.5B56	—	87.0	84.0	60	15	3135	980
57	M1.5B57	—	88.5	85.5	60	15	3267	1000
58	M1.5B58	—	90.0	87.0	60	15	3399	1030
59	M1.5B59	—	91.5	88.5	60	15	3551	1060
60	M1.5B60	—	93.0	90.0	60	15	3696	1090
61	M1.5B61	—	94.5	91.5	70	20	3858	1220
62	M1.5B62	—	96.0	93.0	70	20	4081	1250
63	M1.5B63	—	97.5	94.5	70	20	4290	1280
64	M1.5B64	—	99.0	96.0	70	20	4499	1310
65	M1.5B65	—	100.5	97.5	70	20	4708	1340
66	M1.5B66	—	102.0	99.0	70	20	4848	1370
67	M1.5B67	—	103.5	100.5	70	20	4993	1400
68	M1.5B68	—	105.0	102.0	70	20	5137	1430
69	M1.5B69	—	106.5	103.5	70	20	5257	1460
70	M1.5B70	—	108.0	105.0	70	20	5370	1500
72	M1.5B72	M1.5A72	111.0	108.0	80	20	5577	1190
75	—	M1.5A75	115.5	112.5	—	20	5929	1300
76	—	M1.5A76	117.0	114.0	—	20	6039	1330
80	—	M1.5A80	123.0	120.0	—	20	6512	1480
85	—	M1.5A85	130.5	127.5	—	20	8063	1670
90	—	M1.5A90	138.0	135.0	—	20	8481	1880
95	—	M1.5A95	145.5	142.5	—	20	8888	2090
100	—	M1.5A100	153.0	150.0	—	20	9218	2320
110	—	M1.5A110	168.0	165.0	—	20	9416	2820
114	—	M1.5A114	174.0	171.0	—	20	9620	3030
120	—	M1.5A120	183.0	180.0	—	20	10076	3360
127	—	M1.5A127	193.5	190.5	—	20	10705	3770

Metric Spur Gear with Hub

Module 2
20° Pressure Angle
Straight Tooth



Hub Type

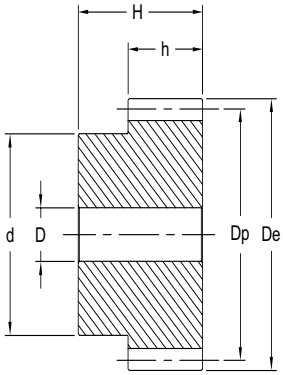
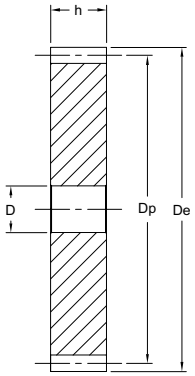




Plate Type



Part No: M2B27

M2 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 2							
	Part No.		De	Dp	d	D	Max Torque	Wt.
	Hub Type	Plate Type	mm	mm	mm	mm	Nm	g
12	M2B12	—	28	24	18	10	2.8	80
13	M2B13	—	30	26	19	10	3.2	100
14	M2B14	—	32	28	20	10	3.6	120
15	M2B15	—	34	30	22	10	3.9	140
16	M2B16	—	36	32	24	10	4.2	160
17	M2B17	—	38	34	25	10	4.4	180
18	M2B18	—	40	36	25	10	4.9	190
19	M2B19	—	42	38	25	10	5.7	210
20	M2B20	—	44	40	30	10	6.4	260
21	M2B21	—	46	42	30	10	7.2	270
22	M2B22	—	48	44	30	12	8.0	290
23	M2B23	—	50	46	30	12	8.9	310
24	M2B24	—	52	48	35	12	9.9	360
25	M2B25	—	54	50	35	12	10.8	390
26	M2B26	—	56	52	40	12	11.9	450
27	M2B27	—	58	54	40	12	13.0	470
28	M2B28	—	60	56	40	12	14.1	500
29	M2B29	—	62	58	40	14	15.5	520
30	M2B30	—	64	60	40	14	16.6	550
31	M2B31	—	66	62	45	14	17.8	610
32	M2B32	—	68	64	45	14	19.3	650
33	M2B33	—	70	66	45	14	20.8	680
34	M2B34	—	72	68	45	14	22.2	710
35	M2B35	—	74	70	45	14	23.8	740
36	M2B36	—	76	72	45	14	25.3	780
37	M2B37	—	78	74	50	14	26.1	860
38	M2B38	—	80	76	50	14	28.9	900
39	M2B39	—	82	78	50	14	30.6	930
40	M2B40	—	84	80	50	14	32.5	970
41	M2B41	—	86	82	60	16	34.6	1050
42	M2B42	—	88	84	60	16	36.5	1090
43	M2B43	—	90	86	60	16	38.6	1130
44	M2B44	—	92	88	60	16	40.6	1230
45	M2B45	—	94	90	60	16	42.7	1270
46	M2B46	—	96	92	60	16	45.0	1310
47	M2B47	—	98	94	70	16	47.8	1480
48	M2B48	—	100	96	70	16	51.0	1530
49	M2B49	—	102	98	70	16	54.2	1570
50	M2B50	—	104	100	70	16	57.6	1620
51	M2B51	—	106	102	70	20	61.1	1670
52	M2B52	—	108	104	70	20	64.8	1720
53	M2B53	—	110	106	70	20	68.5	1780
54	M2B54	—	112	108	70	20	72.4	1830
55	M2B55	—	114	110	70	20	76.3	1880
56	M2B56	—	116	112	70	20	80.5	1940
57	M2B57	—	118	114	70	20	84.7	1990
58	M2B58	—	120	116	70	20	89.0	2050
59	M2B59	—	122	118	70	20	93.1	2110
60	M2B60	—	124	120	70	20	97.3	2160
61	M2B61	—	126	122	80	20	102.0	2360
62	M2B62	—	128	124	80	20	107.0	2420
63	M2B63	—	130	126	80	20	111.0	2480
64	M2B64	—	132	128	80	20	114.0	2550
65	M2B65	—	134	130	80	20	117.0	2610
66	M2B66	—	136	132	80	20	120.0	2670
67	M2B67	—	138	134	80	20	122.0	2740
68	M2B68	—	140	136	80	20	125.0	2810
69	M2B69	—	142	138	80	20	127.0	2870
70	M2B70	—	144	140	80	20	130.0	2940
72	M2B72	M2A72	148	144	80	20	135.0	2500
75	—	M2A75	148	144	—	20	166.0	2710
76	—	M2A76	154	150	—	20	168.0	2790
80	—	M2A80	156	152	—	20	175.0	3090
85	—	M2A85	164	160	—	20	179.0	3500
90	—	M2A90	174	170	—	20	180.0	3930
95	—	M2A95	184	180	—	20	181.0	4390
100	—	M2A100	194	190	—	20	185.0	4870
110	—	M2A110	204	200	—	20	201.0	5900
114	—	M2A114	224	220	—	20	208.0	6340
120	—	M2A120	232	228	—	20	217.0	7030
127	—	M2A127	244	240	—	20	235.0	7890

Metric Spur Gear with Hub

Module 2.5
20° Pressure Angle
Straight Tooth



Hub Type

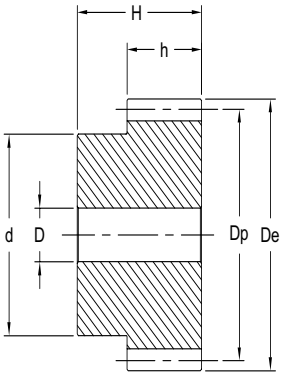
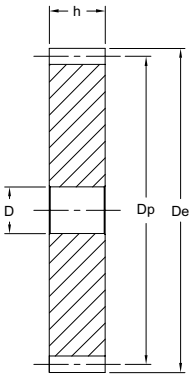




Plate Type



Part No: M2.5B27

M2.5 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 2.5							
	Part No.		De mm	Dp mm	d mm	D mm	Max Torque Nm	Wt. kg
	Hub Type	Plate Type						
12	M2.5B12	—	35.0	30.0	22	10	5.9	0.17
13	M2.5B13	—	37.5	32.5	25	10	6.7	0.21
14	M2.5B14	—	40.0	35.0	28	10	7.6	0.25
15	M2.5B15	—	42.5	37.5	30	10	8.3	0.30
16	M2.5B16	—	45.0	40.0	32	12	8.9	0.33
17	M2.5B17	—	47.5	42.5	35	12	9.2	0.38
18	M2.5B18	—	50.0	45.0	35	12	10.4	0.42
19	M2.5B19	—	52.5	47.5	35	12	11.9	0.45
20	M2.5B20	—	55.0	50.0	40	14	13..4	0.54
21	M2.5B21	—	57.5	52.5	40	14	15.1	0.56
22	M2.5B22	—	60.0	55.0	45	14	16.9	0.66
23	M2.5B23	—	62.5	57.5	45	14	18.7	0.70
24	M2.5B24	—	65.0	60.0	45	14	20.8	0.74
25	M2.5B25	—	67.5	62.5	50	14	22.8	0.85
26	M2.5B26	—	70.0	65.0	50	14	25.0	0.90
27	M2.5B27	—	72.5	67.5	50	14	27.3	0.95
28	M2.5B28	—	75.0	70.0	50	14	29.6	1.00
29	M2.5B29	—	77.5	72.5	50	14	32.7	1.06
30	M2.5B30	—	80.0	75.0	55	16	34.9	1.18
31	M2.5B31	—	82.5	77.5	55	16	37.5	1.22
32	M2.5B32	—	85.0	80.0	55	16	40.6	1.28
33	M2.5B33	—	87.5	82.5	55	16	43.8	1.34
34	M2.5B34	—	90.0	85.0	55	16	46.7	1.41
35	M2.5B35	—	92.5	87.5	60	16	50.2	1.54
36	M2.5B36	—	95.0	90.0	60	16	53.3	1.61
37	M2.5B37	—	97.5	92.5	60	16	54.9	1.68
38	M2.5B38	—	100.0	95.0	60	16	60.8	1.75
39	M2.5B39	—	102.5	97.5	60	16	65.3	1.83
40	M2.5B40	—	105.0	100.0	70	20	71.2	2.06
41	M2.5B41	—	107.5	102.5	70	20	77.4	2.14
42	M2.5B42	—	110.0	105.0	70	20	82.2	2.22
43	M2.5B43	—	112.5	107.5	70	20	92.4	2.30
44	M2.5B44	—	115.0	110.0	70	20	96.6	2.38
45	M2.5B45	—	117.5	112.5	70	20	100.0	2.47
46	M2.5B46	—	120.0	115.0	70	20	107.0	2.52
47	M2.5B47	—	122.5	117.5	80	20	114.0	2.80
48	M2.5B48	—	125.0	120.0	80	20	120.0	2.88
49	M2.5B49	—	127.5	122.5	80	20	128.0	2.98
50	M2.5B50	—	130.0	125.0	80	20	135.0	3.07
51	M2.5B51	—	132.5	127.5	80	20	143.0	3.17
52	M2.5B52	—	135.0	130.0	90	20	149.0	3.48
53	M2.5B53	—	137.5	132.5	90	20	156.0	3.58
54	M2.5B54	—	140.0	135.0	90	20	165.0	3.68
55	M2.5B55	—	142.5	137.5	90	20	173.0	3.78
56	M2.5B56	—	145.0	140.0	100	20	181.0	4.13
57	M2.5B57	—	147.5	142.5	100	20	190.0	4.23
58	M2.5B58	—	150.0	145.0	100	20	199.0	4.34
59	M2.5B59	—	152.5	147.5	100	20	208.0	4.46
60	M2.5B60	—	155.0	150.0	100	20	217.0	4.57
62	M2.5B62	—	160.0	155.0	100	20	240.0	4.59
63	M2.5B63	—	162.5	157.5	100	20	260.0	4.60
65	M2.5B65	M2.5A65	167.5	162.5	100	20	286.0	3.99
67	M2.5B67	—	172.5	167.5	100	20	295.0	4.61
70	M2.5B70	M2.5A70	180.0	175.0	100	20	324.0	4.64
72	—	M2.5A72	185.0	180.0	—	20	332.0	4.91
75	—	M2.5A75	192.5	187.5	—	20	338.0	5.33
76	—	M2.5A76	195.0	190.0	—	20	340.0	5.48
80	—	M2.5A80	205.0	200.0	—	25	342.0	6.04
85	—	M2.5A85	217.5	212.5	—	25	346.0	6.84
90	—	M2.5A90	230.0	225.0	—	25	348.0	7.68
95	—	M2.5A95	242.5	237.5	—	25	361.0	8.57
100	—	M2.5A100	255.0	250.0	—	25	378.0	9.51
110	—	M2.5A110	280.0	275.0	—	25	408.0	11.53
114	—	M2.5A114	290.0	285.0	—	25	419.0	12.39
120	—	M2.5A120	305.0	300.0	—	25	438.0	13.74
127	—	M2.5A127	322.2	317.5	—	25	453.0	15.40

Metric Spur Gear with Hub

Module 3
20° Pressure Angle
Straight Tooth



Hub Type

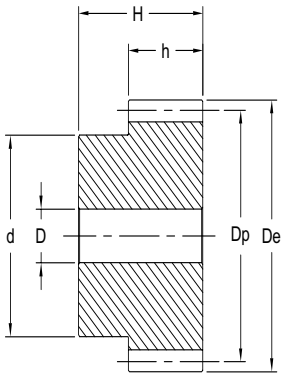
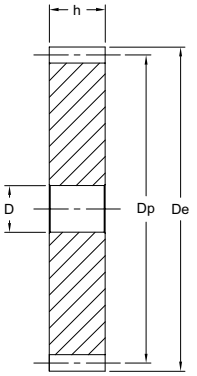




Plate Type



Part No: M3B27

M3 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 3							
	Part No.		De mm	Dp mm	d mm	D mm	Max Torque Nm	Wt. Kg
	Hub Type	Plate Type						
12	M3B12	—	42	36	25	12	10.7	0.28
13	M3B13	—	45	39	25	12	12.1	0.34
14	M3B14	—	48	42	30	12	13.6	0.41
15	M3B15	—	51	45	35	12	15.0	0.47
16	M3B16	—	54	48	38	15	16.1	0.54
17	M3B17	—	57	51	42	15	17.0	0.63
18	M3B18	—	60	54	45	15	19.0	0.72
19	M3B19	—	63	57	45	15	21.6	0.78
20	M3B20	—	66	60	45	15	24.5	0.84
21	M3B21	—	69	63	45	15	27.5	0.89
22	M3B22	—	72	66	50	15	30.7	1.02
23	M3B23	—	75	69	50	15	34.0	1.10
24	M3B24	—	78	72	50	16	37.6	1.18
25	M3B25	—	81	75	60	16	41.4	1.39
26	M3B26	—	84	78	60	16	45.4	1.48
27	M3B27	—	87	81	60	16	49.7	1.56
28	M3B28	—	90	84	60	16	54.1	1.66
29	M3B29	—	93	87	60	16	59.2	1.75
30	M3B30	—	96	90	60	16	63.5	1.85
31	M3B31	—	99	93	70	20	69.2	1.95
32	M3B32	—	102	96	70	20	74.6	2.21
33	M3B33	—	105	99	70	20	82.8	2.32
34	M3B34	—	108	102	70	20	88.6	2.43
35	M3B35	—	111	105	70	20	97.8	2.55
36	M3B36	—	114	108	70	20	106.0	2.62
37	M3B37	—	117	111	80	20	115.0	2.74
38	M3B38	—	120	114	80	20	124.0	3.05
39	M3B39	—	123	117	80	20	135.0	3.18
40	M3B40	—	126	120	80	20	143.0	3.31
41	M3B41	—	129	123	90	20	155.0	3.44
42	M3B42	—	132	126	90	20	164.0	3.58
43	M3B43	—	135	129	90	20	175.0	3.72
44	M3B44	—	138	132	90	20	186.0	4.07
45	M3B45	—	141	135	90	20	196.0	4.22
46	M3B46	—	144	138	90	20	207.0	4.37
47	M3B47	—	147	141	90	20	220.0	4.76
48	M3B48	M3A48	150	144	100	20	232.0	4.92
49	M3B49	—	153	147	100	20	240.0	5.10
50	M3B50	M3A50	156	150	100	20	258.0	5.20
52	—	M3A52	162	156	100	25	286.0	4.40
54	M3B54	—	168	162	100	20	310.0	5.25
55	M3B55	M3A55	171	165	100	20	331.0	5.60
56	M3B56	—	174	168	100	20	348.0	6.10
57	M3B57	M3A57	177	171	100	20	364.0	6.30
60	M3B60	M3A60	186	180	100	20	437.0	6.75
62	M3B62	—	192	186	100	20	480.0	7.50
65	M3B65	M3A65	201	195	100	20	531.0	6.92
70	—	M3A70	216	210	—	25	552.0	8.00
72	—	M3A72	222	216	—	25	554.0	8.47
75	—	M3A75	231	225	—	25	557.0	9.21
76	—	M3A76	234	228	—	25	559.0	9.46
80	—	M3A80	246	240	—	25	564.0	10.49
85	—	M3A85	261	255	—	25	580.0	11.86
90	—	M3A90	276	270	—	25	610.0	13.32
95	—	M3A95	291	285	—	25	640.0	14.86
100	—	M3A100	306	300	—	25	667.0	16.48
110	—	M3A110	336	330	—	25	705.0	19.97
114	—	M3A114	348	342	—	30	740.0	21.40
120	—	M3A120	366	360	—	30	774.0	23.74
127	—	M3A127	387	381	—	30	800.0	26.61

Metric Spur Gear with Hub

Module 4
20° Pressure Angle
Straight Tooth

Hub Type



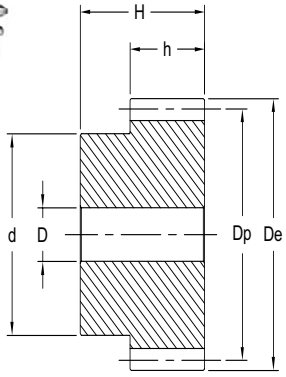
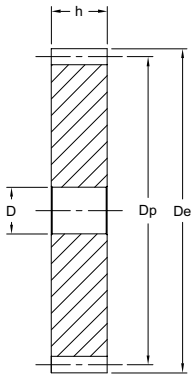


Plate Type





Part No: M4B27

M4 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Teeth	Module 4							
	Part No.		De mm	Dp mm	d mm	D mm	Max Torque Nm	Wt. kg
	Hub Type	Plate Type						
12	M4B12	—	56	48	35	14	26	0.63
13	M4B13	—	60	52	40	14	30	0.78
14	M4B14	—	64	56	45	14	34	0.93
15	M4B15	—	68	60	45	14	38	1.05
16	M4B16	—	72	64	50	15	40	1.20
17	M4B17	—	76	68	50	15	43	1.33
18	M4B18	—	80	72	50	15	48	1.47
19	M4B19	—	84	76	60	15	54	1.75
20	M4B20	—	88	80	60	15	61	1.90
21	M4B21	—	92	84	70	20	69	2.22
22	M4B22	—	96	88	70	20	78	2.39
23	M4B23	—	100	92	75	20	86	2.60
24	M4B24	—	104	96	75	20	95	2.79
25	M4B25	—	108	100	75	20	109	2.98
26	M4B26	—	112	104	75	20	121	3.18
27	M4B27	—	116	108	75	20	136	3.39
28	M4B28	—	120	112	75	20	153	3.60
29	M4B29	—	124	116	75	20	171	3.83
30	M4B30	—	128	120	75	20	185	4.06
31	M4B31	—	132	124	80	20	205	4.39
32	M4B32	—	136	128	80	20	220	4.64
33	M4B33	—	140	132	80	20	248	4.90
34	M4B34	—	144	136	80	20	264	5.16
35	M4B35	—	148	140	80	20	278	5.43
36	M4B36	—	152	144	80	20	299	5.63
37	M4B37	—	156	148	80	20	320	5.80
38	M4B38	M4A38	160	152	80	25	344	5.85
39	M4B39	—	164	156	80	25	370	5.90
40	M4B40	M4A40	168	160	80	25	394	6.11
45	M4B45	M4A45	188	180	80	25	536	7.78
48	M4B48	M4A48	200	192	80	25	638	8.87
50	M4B50	M4A50	208	200	80	25	710	9.65
52	—	M4A52	216	208	—	25	795	10.45
55	—	M4A55	228	220	—	25	913	11.71
57	—	M4A57	236	228	—	25	1020	12.59
60	M4B60	M4A60	248	240	100	25	1131	13.97
65	M4B65	M4A65	268	260	100	25	1220	16.43
70	—	M4A70	288	280	—	25	1231	19.09
75	—	M4A75	308	300	—	25	1288	21.94
76	—	M4A76	312	304	—	25	1303	22.47
80	—	M4A80	328	320	—	25	1354	24.93
85	—	M4A85	348	340	—	25	1430	28.18
90	—	M4A90	368	360	—	25	1500	31.62
95	—	M4A95	388	380	—	25	1580	35.26
100	—	M4A100	408	400	—	25	1650	39.11
110	—	M4A110	448	440	—	25	1744	47.38
114	—	M4A114	464	456	—	25	1830	50.91

Note: Finished bores on request. All Dimensions in mm.
Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Metric Spur Gear with Hub

Module 5
20° Pressure Angle
Straight Tooth



Hub Type

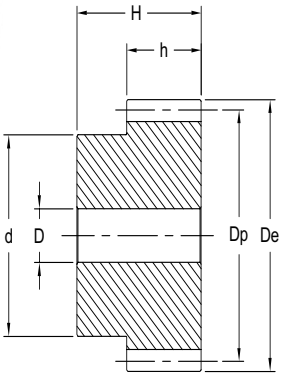
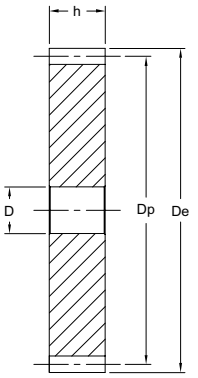




Plate Type



Part No: M5B27

M5 = Module Size

B = Hub Type or A = Plate Type

27 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

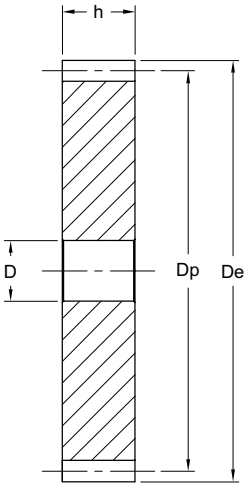
Teeth	Module 5							
	Part No.		De mm	Dp mm	d mm	D mm	Max Torque Nm	Wt. kg
	Hub Type	Plate Type						
12	M5B12	—	70	60	45	16	58	1.21
13	M5B13	—	75	65	50	16	64	1.47
14	M5B14	—	80	70	55	20	71	1.76
15	M5B15	—	85	75	60	20	79	2.07
16	M5B16	—	90	80	65	20	86	2.40
17	M5B17	—	95	85	70	20	88	2.75
18	M5B18	—	100	90	70	20	100	3.02
19	M5B19	—	105	95	70	20	115	3.30
20	M5B20	—	110	100	80	20	134	3.83
21	M5B21	—	115	105	80	20	157	4.15
22	M5B22	—	120	110	80	25	181	4.48
23	M5B23	—	125	115	90	25	206	5.08
24	M5B24	—	130	120	90	25	232	5.44
25	M5B25	—	135	125	90	25	261	5.82
26	M5B26	—	140	130	100	25	288	6.50
27	M5B27	—	145	135	100	25	318	6.91
28	M5B28	—	150	140	100	25	349	7.22
29	M5B29	—	155	145	100	25	385	7.98
30	M5B30	—	160	150	100	25	418	8.44
32	M5B32	M5A32	170	160	110	25	495	7.62
35	—	M5A35	185	175	—	25	626	9.16
36	M5B36	—	190	180	110	25	700	10.00
38	M5B38	M5A38	200	190	110	30	781	10.84
40	M5B40	M5A40	210	200	110	30	893	12.04
42	M5B42	—	220	210	120	25	1050	14.00
45	—	M5A45	235	225	—	30	1202	15.30
48	—	M5A48	250	240	—	30	1411	17.44
50	—	M5A50	260	250	—	30	1561	18.86
52	—	M5A52	270	260	—	30	1721	20.43
55	M5B55	M5A55	285	275	120	30	1978	22.89
57	—	M5A57	295	285	—	30	2030	24.62
60	M5B60	M5A60	310	300	120	30	2202	27.31
65	—	M5A65	335	325	—	30	2324	32.12
70	—	M5A70	360	350	—	30	2482	37.31
75	—	M5A75	385	375	—	30	2576	42.88
76	—	M5A76	390	380	—	30	2606	44.04
80	—	M5A80	410	400	—	30	2708	48.84
85	—	M5A85	435	425	—	30	2860	55.19
90	—	M5A90	460	450	—	30	3000	61.92
95	—	M5A95	485	475	—	30	3160	69.03
100	—	M5A100	510	500	—	30	3300	76.53
110	—	M5A110	560	550	—	30	3450	92.69
114	—	M5A114	580	570	—	30	3600	99.59

Metric Spur Gear with Hub

Module 6 & 8
20° Pressure Angle
Straight Tooth

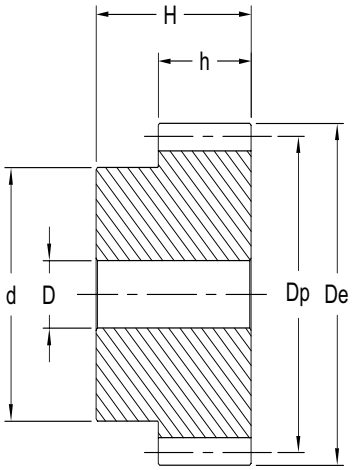
Plate Type





Hub Type





Part No: M6B20

M6 = Module Size

B = Hub Type or A = Plate Type

20 = Number of Teeth

Material: C45 E Steel

Module	h (mm)	H (mm)
1	15	25
1.5	17	30
2	20	35
2.5	25	40
3	30	50
4	40	60
5	50	75
6	60	80
8	65	95

Teeth	Module 6							
	Part No.		De mm	Dp mm	d mm	D	Max Torque Nm	Wt. kg
	Hub Type	Plate Type						
12	M6B12	—	84	72	54	20	110	1.82
14	M6B14	—	96	84	65	20	129	2.20
15	M6B15	—	102	90	70	20	161	3.01
16	M6B16	—	108	96	75	20	167	3.46
18	M6B18	—	120	108	80	20	201	4.33
20	M6B20	—	132	120	90	20	277	5.43
23	M6B23	—	150	138	110	25	310	6.00
24	M6B24	—	156	144	110	25	450	7.88
25	M6B25	—	162	150	110	25	500	8.42
30	M6B30	M6A30	192	180	110	25	808	9.69
32	—	M6A32	204	192	—	25	960	11.05
38	—	M6A38	240	220	—	25	1470	15.69
40	M6B40	M6A40	252	240	120	25	1680	17.42

Part No: M8B20

M8 = Module Size

B = Hub Type

20 = Number of Teeth

Material: C45 E Steel

Note: Finished bores on request. All Dimensions in mm. Torque Ratings based on Permissable Fatigue Strength and Flank Pressure.

Teeth	Module 8						
	Part No. Hub Type	De mm	Dp mm	d mm	D	Max Torque Nm	Wt. kg
12	M8B12	96	112	70	25	240	4.2
15	M8B15	120	136	80	25	370	6.5
18	M8B18	144	160	80	25	495	9.0
20	M8B20	160	176	100	30	655	11.5
24	M8B24	192	208	120	30	1045	16.9
25	M8B25	200	216	120	30	1160	18.1
30	M8B30	240	256	150	30	1834	26.6
36	M8B36	288	304	160	40	2900	36.9
40	M8B40**	320	336	180	40	3790	46.0

Note: ** Welded Hub

Belt Drive Products

Metric Sheaves & Timing Pulleys

Metric V-Belt TL SP Sheaves

PTI offers a full line of these widely used Metric V-Belt Sheaves from stock. These European standard sheaves, (commonly known as V-pulleys in Europe) utilize standard TL Tapered Bushing for mounting. The TL Bushing is available in both inch and metric shaft sizes. The SPZ, SPA, SPB and SPC Sheaves relate to the 4 different belt sections (i.e. Z, A, B and C) which is the standard European metric V-belt drive. The standard sheave will accommodate both standard or cogged belts. These friction drive sheaves are stocked up to 1250mm pitch diameter and thru 6 or 8 grooves on most sizes. 10 grooves and more are a normal MTO request. Bored to size and pilot bore sheaves are also available on request. These sheaves are versatile, smooth running and transfer significant power very economically.



Metric Variable Pitch TL Pulleys



Available in single and double grooves, these variable pitch friction drive pulleys have adjustable pitch diameters that allow for speed adjustment of the driven shaft. Available in Z, A and B belt sections, all mount with the standard TL Tapered Bushings. The pitch diameter is easily adjusted by turning the external face of the pulley by 1/4 turn increments until the desired speed of the driven shaft is achieved.

HTD TL Timing Pulleys

HTD (High Torque Drives) is a positive belt drive and significantly more efficient than traditional Chain or V-Belt drives. The curvilinear shaped tooth is designed to improve torque capacity over traditional Timing and V-belt systems. HTD pulleys utilize metric dimensions and nomenclature. Sizes and designs are standard around the globe. Pulleys are available in tooth pitches of 5mm, 8mm and 14mm and stocked in several standard widths for the popular HTD belts. Wider belts handle increased torque. All stock pulleys are for the global standard TL Tapered Bushing. TL Bushings are available from stock for inch or metric bores. Mounting the HTD TL pulley requires only an Allen wrench and the installed result is a concentric grip on the shaft for vibration free operation. The resulting tight concentric fit to the shaft accommodates high speeds and high torque while eliminating shaft fretting which generally occurs with bored to size pulleys. In addition, these synchronous pulleys are ideal for positioning drives. HTD is a registered trademark of Gates Corporation.



TL Tapered Bushings



TL Tapered bushings are the preferred mounting method for all Metric Drive products, especially on equipment from Europe. PTI stocks both inch and metric bores.

Super Torque TL Timing Pulleys



The Super Torque profile is a metric, rounded shaped standard tooth form in 8mm or 14mm pitch sizes and respective belt widths up to 170mm. These pulleys mount to the shaft using the TL Tapered Bushing. They are suitable for high precision, smooth and quiet operation and have a resistance to abrasion. The length stability of polyurethane belts combine to provide a long service life and maintenance free operation.

XL, L & H Synchronous TL Timing Pulleys

Synchronous Pulleys are a very popular, economical trapezoidal profile timing belt drive, and often replace chain drives. These light weight pulleys are ideal for timed or positioning applications. They are low backlash drivers that transmit a constant linear velocity very efficiently (~98%). They are available in 3 pitch sizes: XL (1/5" pitch), L (3/8" pitch) & H (1/2" pitch) and stocked in a variety of standard belt widths up to 3 inches. The smallest XL sizes are available in aluminum and can be bored to size. The L and H sizes are all stocked for TL tapered bushings. The TL Bushing is available with inch and metric bores.





T-Series & AT-Series Metric Timing Pulleys

These light weight aluminum, positive drive timing pulleys are suitable for moderate power/torque transmission and have reduced rotational inertia. The non-corrosive aluminum provides moderate chemical and corrosion resistance. Ideal for timed applications or for drives in clean environments. They are stocked with pilot bores and can be provided bored to size or with custom bores with face mounting holes. Polyurethane and Neoprene belts, typically steel reinforced, virtually eliminate belt stretch and offer long maintenance free operation. The T profile is a trapezoidal tooth form available in 3 popular sizes: 2.5, 5 and 10 mm. The AT tooth form is a curvilinear tooth available in 5 or 10mm pitch.



Custom Pulleys

Metric pitch timing bars, duplex pulley combinations and custom bores are all possible. Provide a drawing or your technical requirements to our sales department. We will be happy to provide you with options or parts to your specifications.



Synchronous Pulleys - Pilot Bore, Bushed

XL - Series - 1/5” Pitch x 3/8” Belt Width

Part No: 20XL037N

20 = No. of Teeth
XL = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
037 = Width of Belt (.375”)
N = Pilot Bore



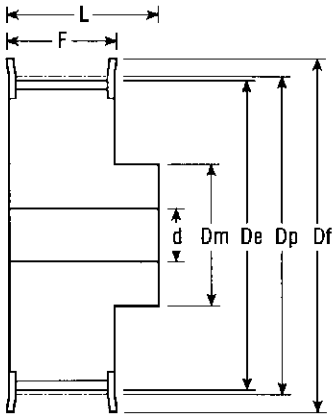


Fig 6F

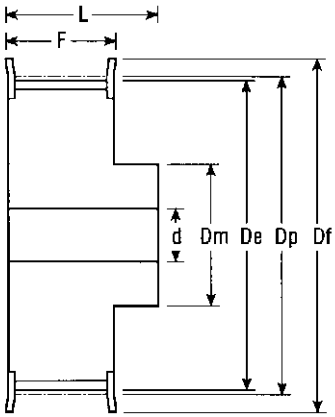


Fig 6

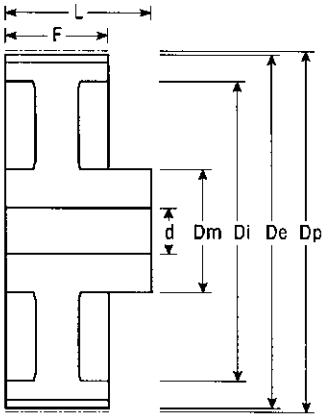


Fig 6W

Dimensions in **inches**

Part No.	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	F	L	Pilot Bore	Max Bore	Wt. kg
10XL037N	**10**	0.375	ST	6F	0.637	0.62	0.91	0.37	0.56	0.78	0.20	0.25	0.02
11XL037N	**11**	0.375	ST	6F	0.700	0.68	0.91	0.37	0.56	0.78	0.20	0.25	0.02
12XL037N	**12**	0.375	ST	6F	0.764	074	0.98	0.50	0.56	0.78	0.20	0.32	0.03
14XL037N	**14**	0.375	ST	6F	0.891	0.87	1.10	0.56	0.56	0.78	0.24	0.37	0.04
15XL037N	**15**	0.375	ST	6F	0.955	0.94	1.10	0.63	0.56	0.78	0.24	0.44	0.04
16XL037N	**16**	0.375	ST	6F	1.019	1.00	1.26	0.69	0.56	0.78	0.24	0.50	0.05
18XL037N	**18**	0.375	ST	6F	1.146	1.13	1.42	0.81	0.56	0.78	0.24	0.56	0.06
20XL037N	**20**	0.375	ST	6F	1.273	1.25	1.50	0.94	0.56	0.87	0.24	0.69	0.08
21XL037N	**21**	0.375	ST	6F	1.337	1.32	1.50	0.94	0.56	0.87	0.24	0.69	0.09
22XL037N	**22**	0.375	ST	6F	1.400	1.38	1.65	1.00	0.56	0.87	0.24	0.75	0.10
24XL037N	**24**	0.375	ST	6F	1.528	1.51	1.73	1.06	0.56	0.87	0.24	0.81	0.10
26XL037N	**26**	0.375	ST	6F	1.655	1.64	1.89	1.18	0.56	0.87	0.24	0.91	0.10
28XL037N	**28**	0.375	ST	6F	1.783	1.76	2.01	1.19	0.56	0.87	0.24	0.91	0.20
30XL037N	**30**	0.375	ST	6F	1.910	1.89	2.13	1.37	0.56	0.87	0.24	0.91	0.20
32XL037N	**32**	0.375	AL	6	2.037	2.02	—	1.50	0.56	1.00	0.31	0.91	0.10
36XL037N	**36**	0.375	AL	6	2.292	2.27	—	1.50	0.56	1.00	0.31	0.91	0.10
40XL037N	**40**	0.375	AL	6	2.546	2.53	—	1.50	0.56	1.00	0.31	0.91	0.20
42XL037N	**42**	0.375	AL	6W	2.674	2.65	—	1.50	0.56	1.00	0.31	0.91	0.10
44XL037N	**44**	0.375	AL	6W	2.801	2.78	—	1.50	0.56	1.00	0.31	0.91	0.20
48XL037N	**48**	0.375	AL	6W	3.056	3.04	—	1.50	0.56	1.00	0.31	0.91	0.20
60XL037N	**60**	0.375	AL	6W	3.820	3.80	—	1.50	0.56	1.00	0.31	0.91	0.20
72XL037N	**72**	0.375	AL	6W	4.584	4.56	—	1.50	0.56	1.00	0.31	0.91	0.20

Note: ST = Steel, AL = Aluminum.

Synchronous Pulleys - Pilot Bore, Bushed

L - Series - 3/8” Pitch x 1/2”, 3/4” and 1” Belt Widths



Part No: 20L075T

20 = No. of Teeth
L = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
075 = Width of Belt (3/4”)
T = Taper Bore, N = Pilot Bore

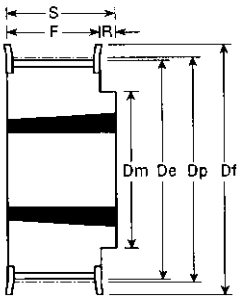


Fig 8F

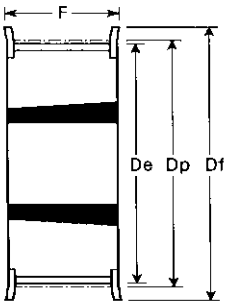


Fig 3F

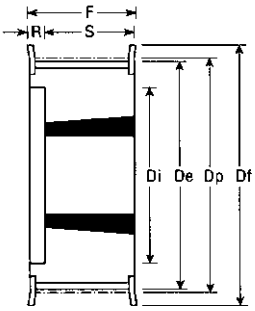


Fig 5F

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	R	S	Wt. kg
18L050T	1108	18	0.50	ST	8F	2.149	2.12	2.36	1.69	—	0.75	0.12	0.87	0.2
18L075T	1108		0.75	ST	3F	2.149	2.12	2.36	—	—	0.98	—	0.98	0.2
18L100T	1108		1.00	ST	5F	2.149	2.12	2.36	—	1.50	1.22	0.35	0.87	0.2
19L050T	1108	19	0.50	ST	8F	2.268	2.24	2.36	1.69	—	0.75	0.12	0.87	0.2
19L075T	1108		0.75	ST	3F	2.268	2.24	2.36	—	—	0.98	—	0.48	0.3
19L100T	1108		1.00	ST	5F	2.268	2.24	2.36	—	1.50	1.22	0.35	0.87	0.3
20L050T	1108	20	0.50	ST	8F	2.387	2.36	2.60	1.89	—	0.75	0.12	0.87	0.2
20L075T	1108		0.75	ST	3F	2.387	2.36	2.60	—	—	0.98	—	0.98	0.3
20L100T	1108		1.00	ST	5F	2.387	2.36	2.60	—	1.77	1.22	0.35	0.87	0.4
21L050T	1108	21	0.50	ST	8F	2.507	2.48	2.80	1.89	—	0.75	0.12	0.87	0.3
21L075T	1108		0.75	ST	3F	2.507	2.48	2.80	—	—	0.98	—	0.98	0.4
21L100T	1108		1.00	ST	5F	2.507	2.48	2.80	—	1.85	1.22	0.35	0.87	0.4
22L050T	1108	22	0.50	ST	8F	2.626	2.60	2.95	2.01	—	0.75	0.12	0.87	0.3
22L075T	1108		0.75	ST	3F	2.626	2.60	2.95	—	—	0.98	—	0.98	0.4
22L100T	1108		1.00	ST	5F	2.626	2.60	2.95	—	2.01	1.22	0.35	0.87	0.4
23L050T	1108	23	0.50	GG	8F	2.745	2.72	3.11	2.13	—	0.75	0.12	0.87	0.4
23L075T	1108		0.75	GG	3F	2.745	2.72	3.11	—	—	0.98	—	0.98	0.4
23L100T	1108		1.00	GG	5F	2.745	2.72	3.11	—	2.13	1.26	0.39	0.87	0.5
24L050T	1108	24	0.50	GG	8F	2.865	2.83	3.11	2.13	—	0.75	0.12	0.87	0.4
24L075T	1108		0.75	GG	3F	2.865	2.83	3.11	—	—	0.98	—	0.98	0.5
24L100T	1108		1.00	GG	5F	2.865	2.83	3.11	—	2.13	1.26	0.39	0.87	0.6
25L050T	1108	25	0.50	GG	8F	2.984	2.95	3.27	2.20	—	0.75	0.12	0.87	0.5
25L075T	1108		0.75	GG	3F	2.984	2.95	3.27	—	—	0.98	—	0.98	0.6
25L100T	1108		1.00	GG	5F	2.984	2.95	3.27	—	2.20	1.26	0.39	0.87	0.6
26L050T	1108	26	0.50	GG	8F	3.104	3.07	3.43	2.36	—	0.75	0.12	0.87	0.5
26L075T	1108		0.75	GG	3F	3.104	3.07	3.43	—	—	0.98	—	0.98	0.6
26L100T	1108		1.00	GG	5F	3.104	3.07	3.43	—	2.36	1.26	0.39	0.87	0.7
27L050T	1108	27	0.50	GG	8F	3.223	3.19	3.43	2.56	—	0.75	0.12	0.87	0.6
27L075T	1108		0.75	GG	3F	3.223	3.19	3.43	—	—	0.98	—	0.98	0.7
27L100T	1108		1.00	GG	5F	3.223	3.19	3.43	—	2.44	1.26	0.39	0.87	0.8

Note: ST = Steel, GG = Cast Iron. Pilot Bore available on request.

Synchronous Pulleys - Taper Bushed

L - Series - 3/8” Pitch x 1/2”, 3/4” and 1” Belt Widths



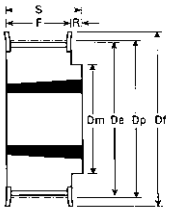


Fig 8F

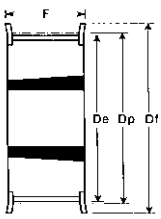


Fig 3F

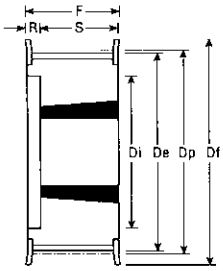


Fig 5F

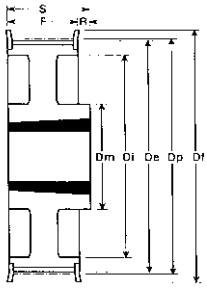


Fig 8WF

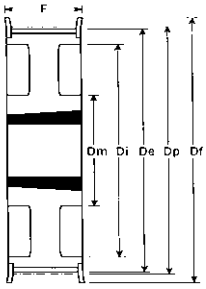


Fig 3WF

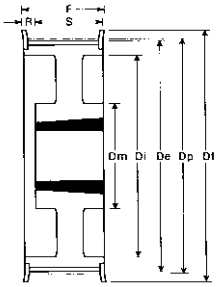


Fig 5WF

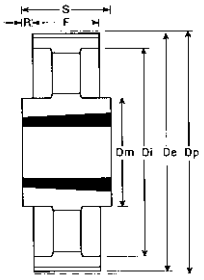


Fig 7A

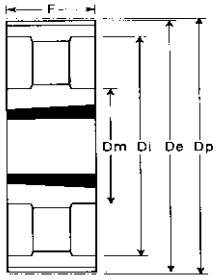


Fig 3A

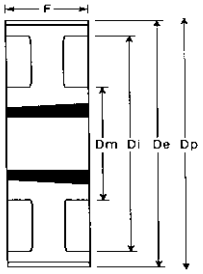


Fig 3W

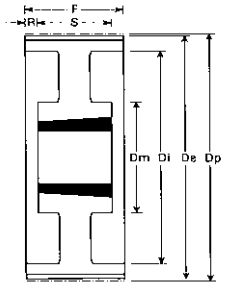


Fig 9W

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
28L050T	1108	**28**	0.5	GG	8F	3.342	3.31	3.58	2.56	—	0.75	0.87	0.12	0.6
28L075T	1108		0.75	GG	3F	3.342	3.31	3.58	—	—	0.98	0.98	—	0.7
28L100T	1108		1.0	GG	5F	3.342	3.31	3.58	—	2.56	1.26	0.87	0.39	0.8
30L050T	1108	**30**	0.5	GG	8F	3.581	3.55	3.82	2.76	—	0.75	0.87	0.12	0.8
30L075T	1108		0.75	GG	3F	3.581	3.55	3.82	—	—	0.98	0.98	—	0.9
30L100T	1210		1.0	GG	5F	3.581	3.55	3.82	—	2.80	1.26	0.98	0.28	0.9
32L050T	1108	**32**	0.5	GG	8F	3.820	3.79	4.06	2.91	—	0.75	0.87	0.12	0.9
32L075T	1108		0.75	GG	3F	3.820	3.79	4.06	—	—	0.98	0.98	—	1.0
32L100T	1210		1.0	GG	5F	3.820	3.79	4.06	—	2.95	1.26	0.98	0.28	1.0
36L050T	1108	**36**	0.5	GG	8F	4.297	4.27	4.53	3.43	—	0.75	0.87	0.12	1.2
36L075T	1610		0.75	GG	3F	4.297	4.27	4.53	—	—	0.98	0.98	—	1.2
36L100T	1610		1.0	GG	5F	4.297	4.27	4.53	—	3.50	1.26	0.98	0.28	1.4
40L050T	1610	**40**	0.5	GG	8F	4.775	4.74	5.00	3.82	—	0.75	0.98	0.24	1.5
40L075T	1610		0.75	GG	3F	4.775	4.74	5.00	—	—	0.98	0.98	—	1.7
40L100T	1610		1.0	GG	5F	4.775	4.74	5.00	—	3.98	1.26	0.98	0.28	1.7
48L050T	1610	**48**	0.5	GG	8WF	5.730	5.70	5.98	3.46	4.88	0.75	0.98	0.24	2.3
48L075T	1610		0.75	GG	3WF	5.730	5.70	5.98	3.62	4.88	0.98	0.98	—	2.5
48L100T	1610		1.0	GG	5WF	5.730	5.70	5.98	3.62	4.88	1.26	0.98	0.28	2.7
60L050T	1610	**60**	0.5	GG	7A	7.162	7.13	—	3.62	6.54	0.75	0.98	0.12	2.0
60L075T	1610		0.75	GG	3W	7.162	7.13	—	3.62	6.54	0.98	0.98	—	3.0
60L100T	1610		1.0	GG	9W	7.162	7.13	—	3.62	6.54	1.26	0.98	0.14	2.4
72L050T	1610	**72**	0.5	GG	7A	8.594	8.56	—	3.62	7.95	0.75	0.98	0.12	3.0
72L075T	1610		0.75	GG	3A	8.594	8.56	—	3.62	7.95	0.98	0.98	—	4.0
72L100T	2012		1.0	GG	3A	8.594	8.56	—	4.17	7.95	1.26	1.26	—	4.4
84L050T	1610	**84**	0.5	GG	7A	10.027	10.00	—	3.62	9.29	0.75	0.98	0.12	4.0
84L075T	2012		0.75	GG	7A	10.027	10.00	—	4.17	9.29	0.98	1.26	0.14	5.2
84L100T	2012		1.0	GG	3A	10.027	10.00	—	4.17	9.29	1.26	1.26	—	6.0
96L050T	2012	**96**	0.5	GG	7A	11.459	11.43	—	4.17	10.63	0.75	1.26	0.26	5.5
96L075T	2012		0.75	GG	7A	11.459	11.43	—	4.17	10.63	0.98	1.26	0.14	6.5
96L100T	2012		1.0	GG	3A	11.459	11.43	—	4.17	10.63	1.26	1.26	—	7.1
120L050T	2012	**120**	0.5	GG	7A	14.324	14.29	—	4.17	13.50	0.75	1.26	0.26	6.8
120L075T	2012		0.75	GG	7A	14.324	14.29	—	4.17	13.50	0.98	1.26	0.14	7.6
120L100T	2012		1.0	GG	3A	14.324	14.29	—	4.17	13.50	1.26	1.26	—	8.5

Note: Minimum plain bore available on request. GG = Cast Iron.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths

Part No: 20H100T-1210

20 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
T = Taper Bore, N = Pilot Bore
1210 = Bushing Size



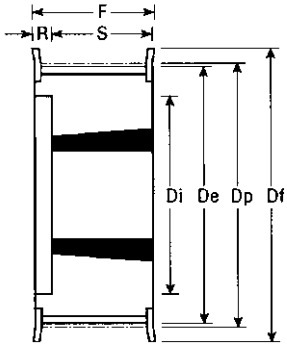


Fig 5F

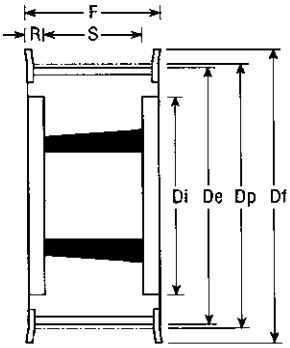


Fig 4F

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
16H100T	1108	**16**	1.0	ST	5F	2.546	2.49	2.80	—	1.77	1.22	0.87	0.35	0.4
18H100T	1210		1.0	ST	5F	2.865	2.81	3.11	—	2.05	1.22	0.98	0.24	0.5
18H150T	1210	**18**	1.5	ST	5F	2.865	2.81	3.11	—	2.09	1.77	0.98	0.79	0.6
18H200T	1210		2.0	ST	5F	2.865	2.81	3.11	—	2.05	2.28	0.98	1.30	0.8
19H100T	1210		1.0	ST	5F	3.024	2.97	3.27	—	2.20	1.22	0.98	0.24	0.6
19H150T	1210	**19**	1.5	ST	5F	3.024	2.97	3.27	—	2.20	1.77	0.98	0.79	0.7
19H200T	1610		2.0	ST	5F	3.024	2.97	3.27	—	2.20	2.28	0.98	1.30	0.9
20H100T	1210		1.0	ST	5F	3.183	3.13	3.43	—	2.36	1.22	0.98	0.24	0.7
20H150T	1210	**20**	1.5	ST	5F	3.183	3.13	3.43	—	2.36	1.77	0.98	0.79	0.8
20H200T	1610		2.0	ST	5F	3.183	3.13	3.43	—	2.36	2.28	.98	1.30	1.0
20H300T	1615		3.0	ST	4F	3.183	3.13	3.43	—	2.56	3.31	1.50	0.91	1.5
21H100T	1210		1.0	GG	5F	3.342	3.29	3.58	—	2.48	1.26	0.98	0.28	0.8
21H150T	1210	**21**	1.5	GG	5F	3.342	3.29	3.58	—	2.52	1.77	0.98	0.74	1.0
21H200T	1610		2.0	GG	5F	3.342	3.29	3.58	—	2.52	2.28	0.98	1.30	1.7
21H300T	1615		3.0	GG	4F	3.342	3.29	3.58	—	2.60	3.31	1.50	0.91	1.2
22H100T	1210		1.0	GG	5F	3.501	3.45	3.66	—	2.64	1.26	0.98	0.28	0.9
22H150T	1210	**22**	1.5	GG	5F	3.501	3.45	3.66	—	2.68	1.77	0.98	0.79	1.2
22H200T	1610		2.0	GG	5F	3.501	3.45	3.66	—	2.68	2.28	0.98	1.30	1.5
22H300T	1615		3.0	GG	4F	3.501	3.45	3.66	—	2.64	3.31	1.50	0.91	1.6
23H100T	1610		1.0	GG	5F	3.661	3.61	3.82	—	2.80	1.26	0.98	0.28	0.9
23H150T	1610	**23**	1.5	GG	5F	3.661	3.61	3.82	—	2.80	1.77	0.98	0.79	1.3
23H200T	1610		2.0	GG	5F	3.661	3.61	3.82	—	2.80	2.28	0.98	1.30	1.8
23H300T	1615		3.0	GG	4F	3.661	3.61	3.82	—	2.80	3.31	1.50	0.91	1.8
24H100T	1610		1.0	GG	5F	3.820	3.77	4.06	—	2.95	1.26	0.98	0.28	1.0
24H150T	1610	**24**	1.5	GG	5F	3.820	3.77	4.06	—	2.91	1.77	0.98	0.79	1.0
24H200T	1610		2.0	GG	5F	3.820	3.77	4.06	—	2.91	2.28	0.98	1.30	1.5
24H300T	1615		3.0	GG	4F	3.820	3.77	4.06	—	2.95	3.31	1.50	0.91	2.1

Note: ST = Steel, GG = Cast Iron. Pilot Bore available on request.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths

Part No: 28H 100T-1610

28 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
N = Pilot Bore, T = Taper Bore
1610 = Bushing Size



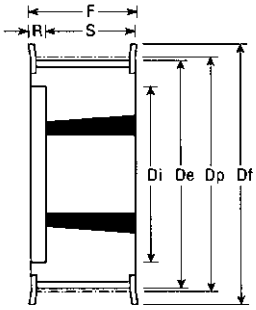


Fig 5F

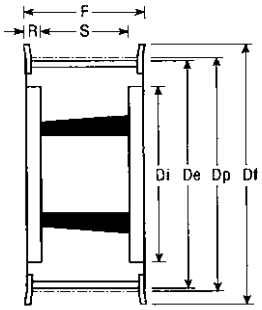


Fig 4F

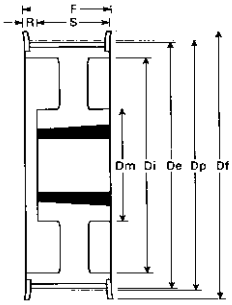


Fig 5WF

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
25H100T	1610	25	1.0	GG	5F	3.979	3.92	4.17	—	3.11	1.26	0.98	0.28	1.0
25H150T	1610		1.5	GG	5F	3.979	3.92	4.17	—	3.07	1.77	0.98	0.79	1.2
25H200T	1610		2.0	GG	5F	3.979	3.92	4.17	—	3.07	2.28	0.98	1.30	1.5
25H300T	1615		3.0	GG	4F	3.979	3.92	4.17	—	3.11	3.31	1.50	0.91	2.0
26H100T	1610	26	1.0	GG	5F	4.138	4.08	4.37	—	3.27	1.26	0.98	0.28	1.2
26H150T	1610		1.5	GG	5F	4.138	4.08	4.37	—	3.23	1.77	0.98	0.79	1.4
26H200T	1610		2.0	GG	5F	4.138	4.08	4.37	—	3.23	2.28	0.98	1.30	1.8
26H300T	1615		3.0	GG	4F	4.138	4.08	4.37	—	3.27	3.31	1.50	0.91	2.7
27H100T	1610	27	1.0	GG	5F	4.297	4.24	4.53	—	3.43	1.26	0.98	0.28	1.3
27H150T	1610		1.5	GG	5F	4.297	4.24	4.53	—	3.43	1.77	0.98	0.79	1.6
27H200T	1610		2.0	GG	5F	4.297	4.24	4.53	—	3.43	2.28	0.98	1.30	1.9
27H300T	2012		3.0	GG	4F	4.297	4.24	4.53	—	3.43	3.31	1.26	1.02	3.0
28H100T	1610	28	1.0	GG	5F	4.456	4.40	4.69	—	3.58	1.26	0.98	0.28	1.5
28H150T	1610		1.5	GG	5F	4.456	4.40	4.69	—	3.58	1.77	0.98	0.79	1.8
28H200T	1610		2.0	GG	5F	4.456	4.40	4.69	—	3.58	2.28	0.98	1.30	1.9
28H300T	2012		3.0	GG	4F	4.456	4.40	4.69	—	3.58	3.31	1.26	1.02	2.4
30H100T	1610	30	1.0	GG	5F	4.775	4.72	5.00	—	3.90	1.26	0.98	0.28	1.7
30H150T	1610		1.5	GG	5F	4.775	4.72	5.00	—	3.90	1.77	0.98	0.79	2.0
30H200T	1610		2.0	GG	5F	4.775	4.72	5.00	—	3.90	2.28	0.98	1.30	2.3
30H300T	2012		3.0	GG	4F	4.775	4.72	5.00	—	3.90	3.31	1.26	1.03	2.9
32H100T	1610	32	1.0	GG	5WF	5.093	5.04	5.31	3.62	4.25	1.26	0.98	0.28	2.0
32H150T	1610		1.5	GG	5WF	5.093	5.04	5.31	3.62	4.25	1.77	0.98	0.79	2.3
32H200T	2012		2.0	GG	5F	5.093	5.04	5.31	—	4.21	2.28	1.26	1.02	3.0
32H300T*	2517		3.0	GG	4F	5.093	5.04	5.31	—	4.21	3.31	1.77	0.77	3.3
36H100T	1610	36	1.0	GG	5WF	5.730	5.68	5.98	3.62	4.88	1.26	0.98	0.28	2.7
36H150T	1610		1.5	GG	5WF	5.730	5.68	5.98	3.62	4.88	1.77	0.98	0.79	3.1
36H200T	2012		2.0	GG	5WF	5.730	5.68	5.98	4.02	4.88	2.28	1.26	1.02	3.0
36H300T*	2517		3.0	GG	4F	5.730	5.68	5.98	—	4.88	3.31	1.77	0.77	4.5

Note: Pilot bore available on request. GG = Cast Iron. * Requires TL Bushing with BSW screws.

Synchronous Pulleys - Taper Bushed

H - Series - 1/2” Pitch x 1”, 1 1/2”, 2” and 3” Belt Widths



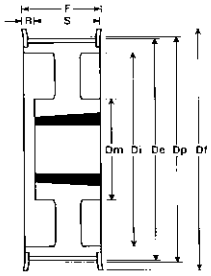


Fig 5WF

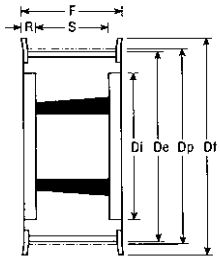


Fig 4F

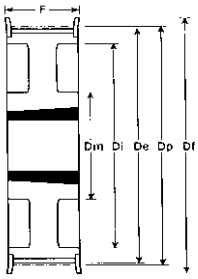


Fig 3WF

Part No: 44H 100T-2012

44 = No. of Teeth
H = Pitch (XL = 1/5”, L = 3/8”, H = 1/2”)
100 = Width of Belt (Inches)
N = Pilot Bore, T = Taper Bore
2012 = Bushing Size

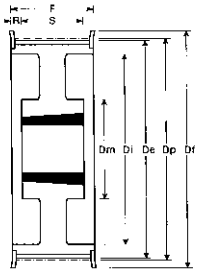


Fig 4WF

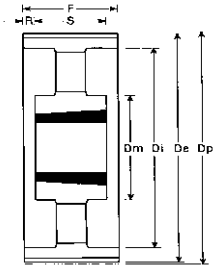


Fig 9A

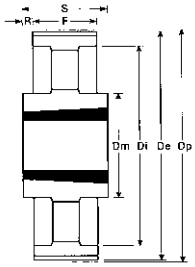


Fig 7A

Dimensions in **inches**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
40H100T	1610	40	1.0	GG	5WF	6.366	6.31	6.61	3.62	5.51	1.26	0.98	0.28	3.6
40H150T	1610		1.5	GG	5WF	6.366	6.31	6.61	3.62	5.51	1.77	0.98	0.79	4.0
40H200T	2012		2.0	GG	5WF	6.366	6.31	6.61	4.17	5.51	2.28	1.26	1.02	3.6
40H300T*	2517		3.0	GG	4F	6.366	6.31	6.61	—	5.39	3.31	1.77	0.77	6.0
44H100T	2012	44	1.0	GG	3WF	7.003	6.95	7.24	4.17	6.02	1.26	1.26	—	3.8
44H150T	2012		1.5	GG	5WF	7.003	6.95	7.24	4.17	6.02	1.77	1.26	0.51	4.4
44H200T	2012		2.0	GG	5WF	7.003	6.95	7.24	4.17	6.02	2.28	1.26	1.02	4.0
44H300T*	2517		3.0	GG	4WF	7.003	6.95	7.24	4.69	6.02	3.39	1.77	0.81	6.6
48H100T	2012	48	1.0	GG	3WF	7.639	7.59	7.87	4.17	6.65	1.26	1.26	—	3.2
48H150T	2012		1.5	GG	5WF	7.639	7.59	7.87	4.17	6.65	1.77	1.26	0.51	4.8
48H200T*	2517		2.0	GG	5WF	7.639	7.59	7.87	4.69	6.65	2.28	1.77	0.51	4.6
48H300T*	2517		3.0	GG	4WF	7.639	7.59	7.87	4.69	6.65	3.39	1.77	0.81	7.6
60H100T	2012	60	1.0	GG	9A	9.549	9.50	—	4.17	8.78	1.34	1.26	0.04	4.8
60H150T	2012		1.5	GG	9A	9.549	9.50	—	4.17	8.78	1.81	1.26	0.28	5.4
60H200T	2517		2.0	GG	9A	9.549	9.50	—	4.69	8.78	2.36	1.77	0.30	7.0
60H300T*	2517		3.0	GG	9A	9.549	9.50	—	4.69	8.78	3.39	1.77	0.81	8.4
72H100T	2012	72	1.0	GG	9A	11.459	11.41	—	4.17	10.63	1.34	1.26	0.04	5.7
72H150T	2012		1.5	GG	9A	11.459	11.41	—	4.17	10.63	1.81	1.26	0.28	6.5
72H200T	2517		2.0	GG	9A	11.459	11.41	—	4.69	10.63	2.36	1.77	0.30	8.0
72H300T*	2517		3.0	GG	9A	11.459	11.41	—	4.69	10.63	3.39	1.77	0.81	10.4
84H100T	2012	84	1.0	GG	9A	13.369	13.31	—	4.17	12.52	1.34	1.26	0.04	6.8
84H150T	2012		1.5	GG	9A	13.369	13.31	—	4.17	12.60	1.81	1.26	0.28	8.4
84H200T*	2517		2.0	GG	9A	13.369	13.31	—	4.69	12.60	2.36	1.77	0.30	9.0
84H300T*	2517		3.0	GG	9A	13.369	13.31	—	4.69	12.60	3.39	1.77	0.81	12.5
96H100T*	2517	96	1.0	GG	7A	15.279	15.22	—	4.69	14.41	1.34	1.77	0.22	8.2
96H150T*	2517		1.5	GG	9A	15.279	15.22	—	4.69	14.41	1.81	1.77	0.02	11.0
96H200T*	2517		2.0	GG	9A	15.279	15.22	—	4.69	14.41	2.36	1.77	0.30	10.0
96H300T	3030		3.0	GG	9A	15.279	15.22	—	5.91	14.25	3.39	2.99	0.20	14.2
120H100T*	2517	120	1.0	GG	7A	19.099	19.04	—	4.69	18.19	1.34	1.77	0.22	12.1
120H150T*	2517		1.5	GG	9A	19.099	19.04	—	4.69	18.19	1.81	1.77	0.02	14.8
120H200T*	2517		2.0	GG	9A	19.099	19.04	—	4.69	18.19	2.36	1.77	0.30	13.4
120H300T	3030		3.0	GG	9A	19.099	19.04	—	5.91	18.11	3.39	2.99	0.20	18.8

Note: Minimum plain bore available on request. GG = Cast Iron. * Requires TL Bushing with BSW screws.

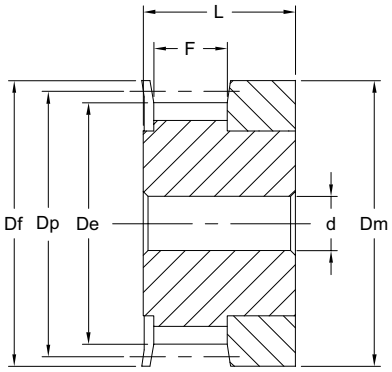
Metric Timing Pulleys

T Series - 2.5 mm Pitch
Aluminum, Pilot Bore

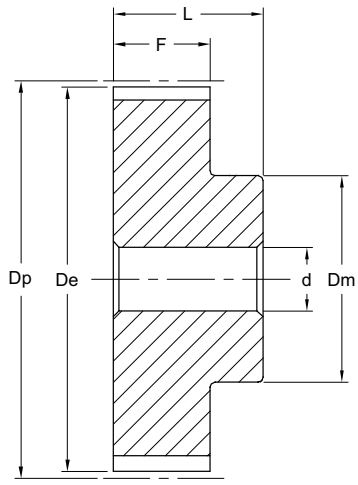


Part No: 16T2.5/24-2

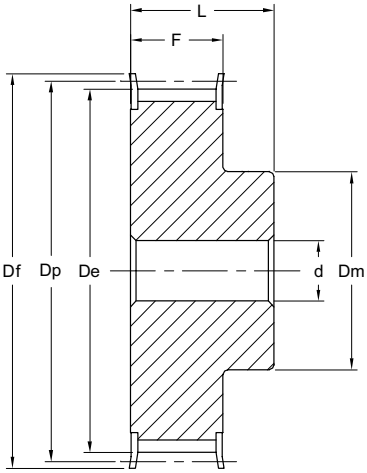
16 = Length thru Bore
T2.5 = Tooth Profile and Pitch
24 = Number of Teeth
2 = Number of Flanges



Type 1F



Type 6



Type 6F

T - 2.5 mm Pitch x 4 mm or 6mm Belt Width

Dimensions in **mm**

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
16T2.5/12-2	12T2.5-16	**12**	1F	4 or 6	AL	9.60	9.00	13.0	6	9	16	4	0.003
16T2.5/14-2	14T2.5-16	**14**	1F	4 or 6	AL	11.20	10.60	15.0	8	9	16	4	0.004
16T2.5/15-2	15T2.5-16	**15**	1F	4 or 6	AL	12.00	11.40	15.0	8	9	16	4	0.005
16T2.5/16-2	16T2.5-16	**16**	1F	4 or 6	AL	12.80	12.20	16.0	9.5	9	16	4	0.005
16T2.5/18-2	18T2.5-16	**18**	6F	4 or 6	AL	14.40	13.80	17.5	10	10	16	4	0.006
16T2.5/19-2	19T2.5-16	**19**	6F	4 or 6	AL	15.20	14.60	18.0	10	10	16	4	0.007
16T2.5/20-2	20T2.5-16	**20**	6F	4 or 6	AL	16.00	15.40	20.0	11	10	16	4	0.008
16T2.5/22-2	22T2.5-16	**22**	6F	4 or 6	AL	17.60	17.00	23.0	11	10	16	4	0.009
16T2.5/24-2	24T2.5-16	**24**	6F	4 or 6	AL	19.15	18.55	23.0	12	10	16	4	0.012
16T2.5/25-2	25T2.5-16	**25**	6F	4 or 6	AL	19.95	19.35	23.0	13	10	16	4	0.01
16T2.5/26-2	26T2.5-16	**26**	6F	4 or 6	AL	20.75	20.15	25.0	14	10	16	4	0.01
16T2.5/28-2	28T2.5-16	**28**	6F	4 or 6	AL	22.35	21.75	25.0	14	10	16	4	0.02
16T2.5/30-2	30T2.5-16	**30**	6F	4 or 6	AL	23.95	23.35	28.0	16	10	16	6	0.02
16T2.5/32-2	32T2.5-16	**32**	6F	4 or 6	AL	25.95	24.95	32.0	16	10	16	6	0.02
16T2.5/36-2	36T2.5-16	**36**	6F	4 or 6	AL	28.75	28.10	36.0	20	10	16	6	0.03
16T2.5/40-2	40T2.5-16	**40**	6F	4 or 6	AL	31.90	31.30	38.0	22	10	16	6	0.03
16T2.5/44-2	44T2.5-16	**44**	6F	4 or 6	AL	35.10	34.50	42.0	24	10	16	6	0.04
16T2.5/48-0	48T2.5-16	**48**	6	4 or 6	AL	38.30	37.70	—	26	10	16	6	0.05
16T2.5/60-0	20T2.5-16	**60**	6	4 or 6	AL	47.85	47.25	—	34	10	16	8	0.07

Note: Finished Bore & Keyway available on request.

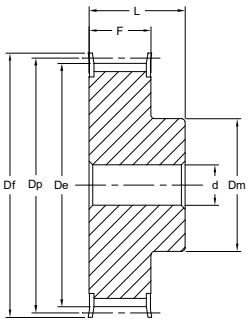
Metric Timing Pulleys

T Series - 5 mm Pitch
Aluminum, Pilot Bore

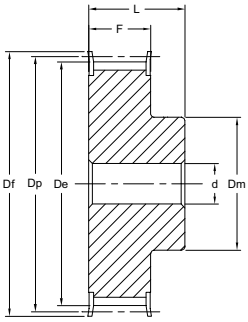


Part No: 21T5/24-2

21 = Length thru Bore
T5 = Tooth Profile and Pitch
24 = Number of Teeth
2 = Number of Flanges



Type 6



Type 6F

T-5 mm Pitch x 10 mm Belt Width

Dimensions in **mm**

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
21T5/10-2	10T5-21	**10**	6F	10	AL	16.05	15.05	20.0	8	15	21	4	0.01
21T5/12-2	12T5-21	**12**	6F	10	AL	19.25	18.25	23.0	11	15	21	4	0.02
21T5/14-2	14T5-21	**14**	6F	10	AL	22.45	21.45	25.0	13	15	21	4	0.02
21T5/15-2	15T5-21	**15**	6F	10	AL	24.05	23.05	28.0	16	15	21	6	0.02
21T5/16-2	16T5-21	**16**	6F	10	AL	25.06	24.60	32.0	18	15	21	6	0.03
21T5/18-2	18T5-21	**18**	6F	10	AL	28.80	27.80	32.0	20	15	21	6	0.03
21T5/19-2	19T5-21	**19**	6F	10	AL	30.40	29.40	36.0	22	15	21	6	0.04
21T5/20-2	20T5-21	**20**	6F	10	AL	32.00	31.00	36.0	23	15	21	6	0.04
21T5/22-2	22T5-21	**22**	6F	10	AL	35.15	34.15	38.0	24	15	21	6	0.05
21T5/24-2	24T5-21	**24**	6F	10	AL	38.40	37.40	42.0	26	15	21	6	0.05
21T5/25-2	25T5-21	**25**	6F	10	AL	39.95	38.95	44.0	26	15	21	6	0.09
21T5/26-2	26T5-21	**26**	6F	10	AL	41.60	40.60	44.0	26	15	21	6	0.06
21T5/27-2	27T5-21	**27**	6F	10	AL	43.20	42.20	48.0	30	15	21	8	0.06
21T5/28-2	28T5-21	**28**	6F	10	AL	44.75	43.75	48.0	32	15	21	8	0.07
21T5/30-2	30T5-21	**30**	6F	10	AL	47.95	46.95	51.0	34	15	21	8	0.08
21T5/32-2	32T5-21	**32**	6F	10	AL	51.10	50.10	54.0	38	15	21	8	0.09
21T5/36-2	36T5-21	**36**	6F	10	AL	57.45	56.45	63.0	38	15	21	8	0.11
21T5/40-2	40T5-21	**40**	6F	10	AL	63.85	62.85	66.0	40	15	21	8	0.14
21T5/42-2	42T5-21	**42**	6F	10	AL	67.00	66.00	71.0	40	15	21	8	0.18
21T5/44-0	44T5-21	**44**	6	10	AL	70.20	69.20	—	45	15	21	8	0.19
21T5/48-0	48T5-21	**48**	6	10	AL	76.55	75.55	—	50	15	21	8	0.20
21T5/60-0	60T5-21	**60**	6	10	AL	95.65	94.65	—	65	15	21	8	0.31

T-5 mm Pitch x 16 mm Belt Width

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
27T5/10-2	10T5-27	**10**	6F	16	AL	16.05	15.05	20.0	8	21	27	4	0.016
27T5/12-2	10T5-27	**12**	6F	16	AL	19.25	18.25	23.0	11	21	27	4	0.022
27T5/14-2	14T5-27	**14**	6F	16	AL	22.45	21.45	25.0	13	21	27	4	0.026
27T5/15-2	15T5-27	**15**	6F	16	AL	24.05	23.05	28.0	16	21	27	6	0.029
27T5/16-2	16T5-27	**16**	6F	16	AL	25.06	24.60	32.0	18	21	27	6	0.035
27T5/18-2	18T5-27	**18**	6F	16	AL	28.80	27.80	32.0	20	21	27	6	0.043
27T5/19-2	19T5-27	**19**	6F	16	AL	30.40	29.40	36.0	22	21	27	6	0.049
27T5/20-2	20T5-27	**20**	6F	16	AL	32.00	31.00	36.0	23	21	27	6	0.053
27T5/22-2	22T5-27	**22**	6F	16	AL	35.15	34.15	38.0	24	21	27	6	0.054
27T5/24-2	24T5-27	**24**	6F	16	AL	38.40	37.40	42.0	26	21	27	6	0.076
27T5/25-2	25T5-27	**25**	6F	16	AL	39.95	38.95	44.0	26	21	27	6	0.081
27T5/26-2	26T5-27	**26**	6F	16	AL	41.60	40.60	44.0	26	21	27	6	0.085
27T5/27-2	27T5-27	**27**	6F	16	AL	43.20	42.20	48.0	30	21	27	8	0.090
27T5/28-2	28T5-27	**28**	6F	16	AL	44.75	43.75	48.0	32	21	27	8	0.092
27T5/30-2	30T5-27	**30**	6F	16	AL	47.95	46.95	51.0	34	21	27	8	0.105
27T5/32-2	32T5-27	**32**	6F	16	AL	51.10	50.10	54.0	38	21	27	8	0.123
27T5/36-2	36T5-27	**36**	6F	16	AL	57.45	56.45	63.0	38	21	27	8	0.160
27T5/40-2	40T5-27	**40**	6F	16	AL	63.85	62.85	66.0	40	21	27	8	0.193
27T5/42-2	42T5-27	**42**	6F	16	AL	67.00	66.00	71.0	40	21	27	8	0.205
27T5/44-0	44T5-27	**44**	6	16	AL	70.20	69.20	—	45	21	27	8	0.228
27T5/48-0	48T5-27	**48**	6	16	AL	76.55	75.55	—	50	21	27	8	0.280
27T5/60-0	60T5-27	**60**	6	16	AL	95.65	94.65	—	65	21	27	8	0.430

Note: Finished Bore & Keyway available on request.

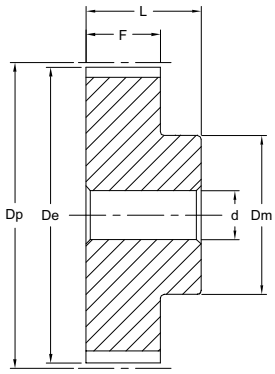
Metric Timing Pulleys

T Series - 5 mm Pitch
Aluminum, Pilot Bore

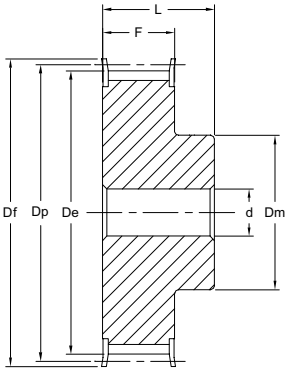
Part No: 36T5/24-2

36 = Length thru Bore
T5 = Tooth Profile and Pitch
24 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6F

T-5 mm Pitch x 25 mm Belt Width

Dimensions in **mm**

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
36T5/10-2	10T5-36	**10**	6F	25	AL	16.05	15.05	20.0	8	30	36	4	0.023
36T5/12-2	12T5-36	**12**	6F	25	AL	19.25	18.25	23.0	11	30	36	4	0.031
36T5/14-2	14T5-36	**14**	6F	25	AL	22.45	21.45	25.0	13	30	36	4	0.037
36T5/15-2	15T5-36	**15**	6F	25	AL	24.05	23.05	28.0	16	30	36	6	0.041
36T5/16-2	16T5-36	**16**	6F	25	AL	25.60	24.60	32.0	18	30	36	6	0.050
36T5/18-2	18T5-36	**18**	6F	25	AL	28.80	27.80	32.0	20	30	36	6	0.061
36T5/19-2	19T5-36	**19**	6F	25	AL	30.40	29.40	36.0	22	30	36	6	0.070
36T5/20-2	20T5-36	**20**	6F	25	AL	32.00	31.00	36.0	23	30	36	6	0.076
36T5/22-2	22T5-36	**22**	6F	25	AL	35.25	34.15	38.0	24	30	36	6	0.080
36T5/24-2	24T5-36	**24**	6F	25	AL	38.40	37.40	42.0	26	30	36	8	0.109
36T5/25-2	25T5-36	**25**	6F	25	AL	40.00	38.95	44.0	26	30	36	8	0.116
36T5/26-2	26T5-36	**26**	6F	25	AL	41.60	40.60	44.0	26	30	36	8	0.120
36T5/27-2	27T5-36	**27**	6F	25	AL	43.20	42.20	48.0	30	30	36	8	0.128
36T5/28-2	28T5-36	**28**	6F	25	AL	44.75	4375	48.0	32	30	36	8	0.126
36T5/30-2	30T5-36	**30**	6F	25	AL	47.95	46.95	51.0	34	30	36	8	0.150
36T5/32-2	32T5-36	**32**	6F	25	AL	51.10	50.10	54.0	38	30	36	8	0.176
36T5/36-2	36T5-36	**36**	6F	25	AL	57.45	56.45	64.0	38	30	36	8	0.230
36T5/40-2	40T5-36	**40**	6F	25	AL	63.85	62.85	66.0	40	30	36	8	0.276
36T5/42-2	42T5-36	**42**	6F	25	AL	67.00	66.00	70.0	40	30	36	8	0.284
36T5/44-0	44T5-36	**44**	6	25	AL	70.20	69.20	—	45	30	36	8	0.315
36T5/48-0	48T5-36	**48**	6	25	AL	76.55	75.55	—	50	30	36	8	0.400
36T5/60-0	60T5-36	**60**	6	25	AL	95.65	94.65	—	65	30	36	8	0.614

Note: Finished Bore & Keyway available on request.

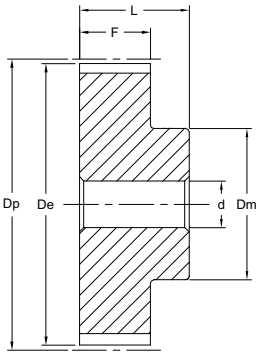
Metric Timing Pulleys

T Series - 10 mm Pitch
Aluminum, Pilot Bore

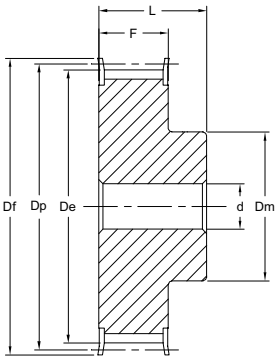
Part No: 31T10/25-2

31 = Length thru Bore
T10 = Tooth Profile and Pitch
25 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6F

Dimensions in **mm**

T-10 mm Pitch x 16 mm Belt Width

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
31T10/12-2	12T10-31	**12**	6F	16	AL	38.35	36.35	42	28	21	31	6	0.076
31T10/14-2	14T10-31	**14**	6F	16	AL	44.72	42.70	48	32	21	31	8	0.104
31T10/15-2	15T10-31	**15**	6F	16	AL	47.90	45.90	51	32	21	31	8	0.116
31T10/16-2	16T10-31	**16**	6F	16	AL	51.05	49.05	54	35	21	31	8	0.134
31T10/18-2	18T10-31	**18**	6F	16	AL	57.45	55.45	60	40	21	31	8	0.167
31T10/19-2	19T10-31	**19**	6F	16	AL	60.60	58.60	66	44	21	31	8	0.184
31T10/20-2	20T10-31	**20**	6F	16	AL	63.80	61.80	66	46	21	31	8	0.208
31T10/22-2	22T10-31	**22**	6F	16	AL	70.15	68.15	75	52	21	31	8	0.253
31T10/24-2	24T10-31	**24**	6F	16	AL	76.55	74.55	83	58	21	31	8	0.288
31T10/25-2	25T10-31	**25**	6F	16	AL	79.70	77.70	83	60	21	31	8	0.310
31T10/26-2	26T10-31	**26**	6F	16	AL	82.90	80.90	87	60	21	31	8	0.357
31T10/27-2	27T10-31	**27**	6F	16	AL	86.10	84.10	91	60	21	31	8	0.364
31T10/28-2	28T10-31	**28**	6F	16	AL	89.25	87.25	93	60	21	31	8	0.401
31T10/30-2	30T10-31	**30**	6F	16	AL	95.65	93.65	97	60	21	31	8	0.441
31T10/32-2	32T10-31	**32**	6F	16	AL	102.00	100.00	106	65	21	31	10	0.493
31T10/36-2	36T10-31	**36**	6F	16	AL	114.75	112.75	120	70	21	31	10	0.623
31T10/40-2	40T10-31	**40**	6F	16	AL	127.45	125.45	131	80	21	31	10	0.767
31T10/44-0	44T10-31	**44**	6	16	AL	140.20	138.20	—	88	21	31	10	0.993
31T10/48-0	48T10-31	**48**	6	16	AL	152.95	150.95	—	95	21	31	16	1.090
31T10/60-0	60T10-31	**60**	6	16	AL	191.10	189.10	—	110	21	31	16	1.701

T-10 mm Pitch x 25 mm Belt Width

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
40T10/12-2	12T10-40	**12**	6F	25	AL	38.35	36.35	42	28	30	40	6	0.076
40T10/14-2	14T10-40	**14**	6F	25	AL	44.70	42.70	48	32	30	40	8	0.104
40T10/15-2	15T10-40	**15**	6F	25	AL	47.90	45.90	51	32	30	40	8	0.116
40T10/16-2	16T10-40	**16**	6F	25	AL	51.05	49.05	54	35	30	40	8	0.134
40T10/18-2	18T10-40	**18**	6F	25	AL	57.45	55.45	60	40	30	40	8	0.167
40T10/19-2	19T10-40	**19**	6F	25	AL	60.60	58.60	66	44	30	40	8	0.184
40T10/20-2	20T10-40	**20**	6F	25	AL	63.80	61.80	66	46	30	40	8	0.208
40T10/22-2	22T10-40	**22**	6F	25	AL	70.15	68.15	75	52	30	40	8	0.253
40T10/24-2	24T10-40	**24**	6F	25	AL	76.55	74.55	83	58	30	40	8	0.288
40T10/25-2	25T10-40	**25**	6F	25	AL	79.70	77.70	83	60	30	40	8	0.310
40T10/26-2	26T10-40	**26**	6F	25	AL	82.90	80.90	87	60	30	40	8	0.357
40T10/27-2	27T10-40	**27**	6F	25	AL	86.10	84.10	91	60	30	40	8	0.364
40T10/28-2	28T10-40	**28**	6F	25	AL	89.25	87.25	93	60	30	40	8	0.401
40T10/30-2	30T10-40	**30**	6F	25	AL	95.65	93.65	97	60	30	40	8	0.441
40T10/32-2	32T10-40	**32**	6F	25	AL	102.00	100.00	106	65	30	40	10	0.493
40T10/36-2	36T10-40	**36**	6F	25	AL	114.75	112.75	120	70	30	40	10	0.623
40T10/40-2	40T10-40	**40**	6F	25	AL	127.45	125.45	131	80	30	40	10	0.767
40T10/44-0	44T10-40	**44**	6	25	AL	140.20	138.20	—	88	30	40	10	0.993
40T10/48-0	48T10-40	**48**	6	25	AL	152.95	150.95	—	95	30	40	16	1.090
40T10/60-0	60T10-40	**60**	6	25	AL	191.10	189.10	—	110	30	40	16	1.701

Note: Finished Bore & Keyway available on request.

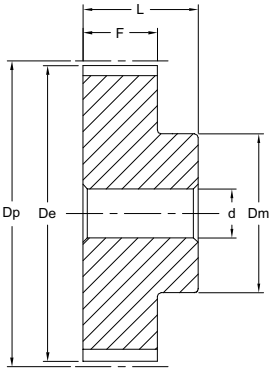
Metric Timing Pulleys

T Series - 10 mm Pitch
Aluminum, Pilot Bore

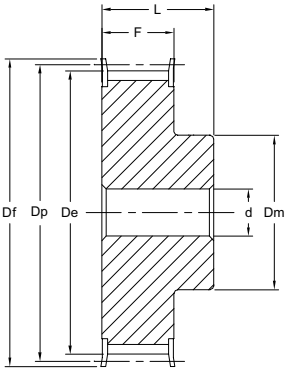
Part No: 47T10/28-2

47 = Length thru Bore
T10 = Tooth Profile and Pitch
28 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6F

T-10 mm Pitch x 32 mm Belt Width

Dimensions in **mm**

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
47T10/18-2	18T10-47	**18**	6F	32	AL	57.45	55.45	60	40	37	47	10	0.253
47T10/19-2	19T10-47	**19**	6F	32	AL	60.65	58.60	66	44	37	47	10	0.286
47T10/20-2	20T10-47	**20**	6F	32	AL	63.80	61.80	66	46	37	47	12	0.322
47T10/22-2	22T10-47	**22**	6F	32	AL	70.20	68.15	75	52	37	47	12	0.939
47T10/24-2	24T10-47	**24**	6F	32	AL	76.55	74.55	83	58	37	47	12	0.475
47T10/25-2	25T10-47	**25**	6F	32	AL	79.75	77.70	83	60	37	47	12	0.527
47T10/26-2	26T10-47	**26**	6F	32	AL	82.90	80.90	87	60	37	47	12	0.564
47T10/27-2	27T10-47	**27**	6F	32	AL	86.10	84.10	91	60	37	47	12	0.602
47T10/28-2	28T10-47	**28**	6F	32	AL	89.25	87.25	93	60	37	47	12	0.642
47T10/30-2	30T10-47	**30**	6F	32	AL	95.65	93.65	97	60	37	47	12	0.740
47T10/32-2	32T10-47	**32**	6F	32	AL	102.00	100.00	106	65	37	47	12	0.844
47T10/36-2	36T10-47	**36**	6F	32	AL	114.75	112.75	120	70	37	47	16	1.063
47T10/40-2	40T10-47	**40**	6F	32	AL	127.45	125.45	131	80	37	47	16	1.317
47T10/44-0	44T10-47	**44**	6	32	AL	140.20	138.20	—	88	37	47	16	1.611
47T10/48-0	48T10-47	**48**	6	32	AL	152.95	150.95	—	95	37	47	16	1.931
47T10/60-0	60T10-47	**60**	6	32	AL	191.10	189.10	—	110	37	47	16	3.004

T-10 mm Pitch x 50 mm Belt Width

Part No.	Part Code	Teeth	Type	Belt Width	Material	Dp	De	Df	Dm	F	L	d	Wt. kg
66T10/18-2	18T10-66	**18**	6F	50	AL	57.45	55.45	60	40	56	66	10	0.422
66T10/19-2	19T10-66	**19**	6F	50	AL	60.65	58.60	66	44	56	66	10	0.466
66T10/20-2	20T10-66	**20**	6F	50	AL	63.80	61.80	66	46	56	66	12	0.520
66T10/22-2	22T10-66	**22**	6F	50	AL	70.20	68.15	75	52	56	66	12	0.570
66T10/24-2	24T10-66	**24**	6F	50	AL	76.55	74.55	83	58	56	66	12	0.736
66T10/25-2	25T10-66	**25**	6F	50	AL	79.75	77.70	83	60	56	66	12	0.766
66T10/26-2	26T10-66	**26**	6F	50	AL	82.90	80.90	87	60	56	66	12	0.816
66T10/27-2	27T10-66	**27**	6F	50	AL	86.10	84.10	91	60	56	66	12	0.946
66T10/28-2	28T10-66	**28**	6F	50	AL	89.25	87.25	93	60	56	66	12	0.960
66T10/30-2	30T10-66	**30**	6F	50	AL	95.65	93.65	97	60	56	66	12	1.169
66T10/32-2	32T10-66	**32**	6F	50	AL	102.00	100.00	106	65	56	66	12	1.300
66T10/36-2	36T10-66	**36**	6F	50	AL	114.75	112.75	120	70	56	66	16	1.637
66T10/40-2	40T10-66	**40**	6F	50	AL	127.45	125.45	131	80	56	66	16	1.999
66T10/44-0	44T10-66	**44**	6	50	AL	140.20	138.20	—	88	56	66	16	2.357
66T10/48-0	48T10-66	**48**	6	50	AL	152.95	150.95	—	95	56	66	16	2.830
66T10/60-0	60T10-66	**60**	6	50	AL	191.10	189.10	—	110	56	66	16	4.366

Note: Finished Bore & Keyway available on request

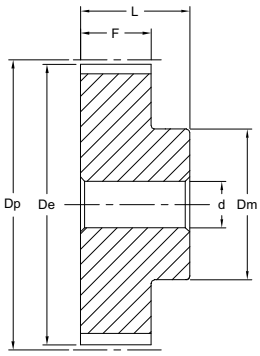
Metric Timing Pulleys

AT Series - 5 mm Pitch
Aluminum, Pilot Bore

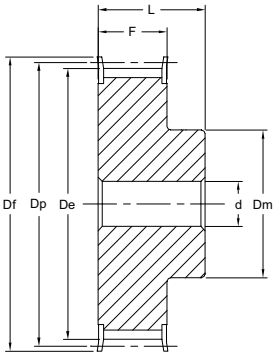


Part No: 21AT5/20-2

21 = Length thru Bore
AT5 = Tooth Profile and Pitch
20 = Number of Teeth
2 = Number of Flanges



Type 6



Type 6 F

AT 5 mm Pitch x 10 mm Belt Width — **Dimensions in mm**

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
21AT5/12-2	12ST5-21	**12**	6F	19.25	17.85	23.0	11	15	21	4	0.018
21AT5/14-2	14ST5-21	**14**	6F	22.45	21.05	25.0	14	15	21	4	0.019
21AT5/15-2	15ST5-21	**15**	6F	24.05	22.65	28.0	16	15	21	6	0.021
21AT5/16-2	16ST5-21	**16**	6F	25.60	24.20	32.0	18	15	21	6	0.025
21AT5/18-2	18ST5-21	**18**	6F	28.80	27.40	32.0	20	15	21	6	0.031
21AT5/19-2	19ST5-21	**19**	6F	30.40	29.00	36.0	22	15	21	6	0.036
21AT5/20-2	20ST5-21	**20**	6F	32.00	30.60	36.0	23	15	21	6	0.038
21AT5/22-2	22ST5-21	**22**	6F	35.25	33.85	38.0	24	15	21	6	0.048
21AT5/24-2	24ST5-21	**24**	6F	38.40	37.00	42.0	26	15	21	6	0.054
21AT5/25-2	25ST5-21	**25**	6F	40.00	38.60	44.0	26	15	21	6	0.058
21AT5/26-2	26ST5-21	**26**	6F	41.60	40.20	44.0	26	15	21	6	0.062
21AT5/27-2	27ST5-21	**27**	6F	43.20	41.80	48.0	30	15	21	8	0.064
21AT5/28-2	28ST5-21	**28**	6F	44.75	43.35	48.0	32	15	21	8	0.071
21AT5/30-2	30ST5-21	**30**	6F	47.95	46.55	51.0	34	15	21	8	0.076
21AT5/32-2	32ST5-21	**32**	6F	51.10	49.70	54.0	38	15	21	8	0.088
21AT5/36-2	36ST5-21	**36**	6F	57.45	56.05	64.0	38	15	21	8	0.114
21AT5/40-2	40ST5-21	**40**	6F	63.85	62.45	66.0	40	15	21	8	0.138
21AT5/42-2	42ST5-21	**42**	6F	67.00	65.60	70.0	40	15	21	8	0.180
21AT5/44-0	44ST5-21	**44**	6	70.20	68.80	—	45	15	21	8	0.185
21AT5/48-0	48ST5-21	**48**	6	76.55	75.15	—	50	15	21	8	0.200
21AT5/60-0	60ST5-21	**60**	6	95.65	94.25	—	65	15	21	8	0.307

AT 5 mm Pitch x 16 mm Belt Width

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
27AT5/12-2	12ST5-27	**12**	6F	19.25	17.85	23.0	11	21	27	4	0.022
27AT5/14-2	14ST5-27	**14**	6F	22.45	21.05	25.0	14	21	27	4	0.026
27AT5/15-2	15ST5-27	**15**	6F	24.05	22.65	28.0	16	21	27	6	0.029
27AT5/16-2	16ST5-27	**16**	6F	25.60	24.20	32.0	18	21	27	6	0.035
27AT5/18-2	18ST5-27	**18**	6F	28.80	27.40	32.0	20	21	27	6	0.043
27AT5/19-2	19ST5-27	**19**	6F	30.40	29.00	36.0	22	21	27	6	0.049
27AT5/20-2	20ST5-27	**20**	6F	32.00	30.60	36.0	23	21	27	6	0.053
27AT5/22-2	22ST5-27	**22**	6F	35.25	33.85	38.0	24	21	27	6	0.054
27AT5/24-2	24ST5-27	**24**	6F	38.40	37.00	42.0	26	21	27	6	0.076
27AT5/25-2	25ST5-27	**25**	6F	40.00	38.60	44.0	26	21	27	6	0.081
27AT5/26-2	26ST5-27	**26**	6F	41.60	40.20	44.0	26	21	27	6	0.085
27AT5/27-2	27ST5-27	**27**	6F	43.20	41.80	48.0	30	21	27	8	0.090
27AT5/28-2	28ST5-27	**28**	6F	44.75	43.35	48.0	32	21	27	8	0.092
27AT5/30-2	30ST5-27	**30**	6F	47.95	46.55	51.0	34	21	27	8	0.105
27AT5/32-2	32ST5-27	**32**	6F	51.10	49.70	54.0	38	21	27	8	0.123
27AT5/36-2	36ST5-27	**36**	6F	57.45	56.05	64.0	38	21	27	8	0.160
27AT5/40-2	40ST5-27	**40**	6F	63.85	62.45	66.0	40	21	27	8	0.193
27AT5/42-2	42ST5-27	**42**	6F	67.00	65.60	70.0	40	21	27	8	0.205
27AT5/44-0	44ST5-27	**44**	6	70.20	68.80	—	45	21	27	8	0.228
27AT5/48-0	48ST5-27	**48**	6	76.55	75.15	—	50	21	27	8	0.280
27AT5/60-0	60ST5-27	**60**	6	95.65	94.25	—	65	21	27	8	0.430

Note: Finished Bore & Keyway available on request.

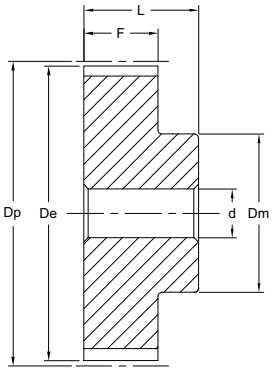
Metric Timing Pulleys

AT Series - 5 and 10mm Pitch
Aluminum, Pilot Bore

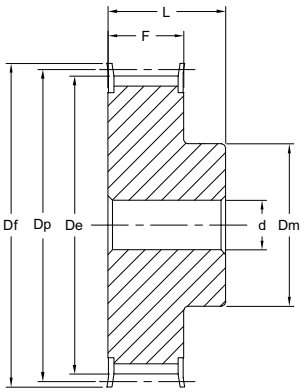
Part No: 36AT5/20-2

36 = Length thru Bore
AT5 = Tooth Profile and Pitch
20 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6 F

AT 5 mm Pitch x 25 mm Belt Width

Dimensions in mm

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
36AT5/12-2	12ST5-36	**12**	6F	19.25	17.85	23.0	11	30	36	—	0.031
36AT5/14-2	14ST5-36	**14**	6F	22.45	21.05	25.0	14	30	36	—	0.037
36AT5/15-2	15ST5-36	**15**	6F	24.05	22.65	28.0	16	30	36	—	0.041
36AT5/16-2	16ST5-36	**16**	6F	25.60	24.20	32.0	18	30	36	—	0.050
36AT5/18-2	18ST5-36	**18**	6F	28.80	27.40	32.0	20	30	36	—	0.061
36AT5/19-2	19ST5-36	**19**	6F	30.40	29.00	36.0	22	30	36	—	0.070
36AT5/20-2	20ST5-36	**20**	6F	32.00	30.60	36.0	23	30	36	—	0.076
36AT5/22-2	22ST5-36	**22**	6F	35.25	33.85	38.0	24	30	36	—	0.080
36AT5/24-2	24ST5-36	**24**	6F	38.40	37.00	42.0	26	30	36	—	0.109
36AT5/25-2	25ST5-36	**25**	6F	40.00	38.60	44.0	26	30	36	—	0.118
36AT5/26-2	26ST5-36	**26**	6F	41.60	40.20	44.0	26	30	36	—	0.120
36AT5/27-2	27ST5-36	**27**	6F	43.20	41.80	48.0	30	30	36	8	0.128
36AT5/28-2	28ST5-36	**28**	6F	44.75	43.35	48.0	32	30	36	8	0.135
36AT5/30-2	30ST5-36	**30**	6F	47.95	46.55	51.0	34	30	36	8	0.150
36AT5/32-2	32ST5-36	**32**	6F	51.10	49.70	54.0	38	30	36	8	0.178
36AT5/36-2	36ST5-36	**36**	6F	57.45	56.05	64.0	38	30	36	8	0.230
36AT5/40-2	40ST5-36	**40**	6F	63.85	62.45	66.5	40	30	36	8	0.278
36AT5/42-2	42ST5-36	**42**	6F	67.00	65.60	70.0	40	30	36	8	0.284
36AT5/44-0	44ST5-36	**44**	6	70.20	68.80	—	45	30	36	8	0.315
36AT5/48-0	48ST5-36	**48**	6	76.55	75.15	—	50	30	36	8	0.400
36AT5/60-0	60ST5-36	**60**	6	95.65	94.25	—	65	30	36	8	0.614

AT 10 mm Pitch x 16 mm Belt Width

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
31AT10/15-2	15ST10-31	**15**	6F	47.90	45.90	51	32	21	31	8	0.118
31AT10/16-2	16ST10-31	**16**	6F	51.05	49.05	54	35	21	31	8	0.134
31AT10/18-2	18ST10-31	**18**	6F	57.45	55.45	60	40	21	31	8	0.167
31AT10/19-2	19ST10-31	**19**	6F	60.60	58.60	66.5	44	21	31	8	0.184
31AT10/20-2	20ST10-31	**20**	6F	63.80	61.80	66.5	46	21	31	8	0.208
31AT10/22-2	22ST10-31	**22**	6F	70.15	68.15	75	52	21	31	8	0.253
31AT10/24-2	24ST10-31	**24**	6F	76.55	74.55	83	58	21	31	8	0.288
31AT10/25-2	25ST10-31	**25**	6F	79.70	77.70	83	60	21	31	8	0.310
31AT10/26-2	26ST10-31	**26**	6F	82.90	80.90	87	60	21	31	8	0.357
31AT10/27-2	27ST10-31	**27**	6F	86.10	84.10	91	60	21	31	8	0.364
31AT10/28-2	28ST10-31	**28**	6F	89.25	87.25	93	60	21	31	8	0.401
31AT10/30-2	30ST10-31	**30**	6F	95.65	93.65	97	60	21	31	8	0.441
31AT10/32-2	32ST10-31	**32**	6F	102.00	100.00	106	65	21	31	10	0.493
31AT10/36-2	36ST10-31	**36**	6F	114.75	112.75	119	70	30	36	10	0.623
31AT10/40-2	40ST10-31	**40**	6F	127.45	125.45	131	80	21	31	10	0.787
31AT10/44-0	44ST10-31	**44**	6	140.20	138.20	—	88	21	31	10	0.993
31AT10/48-0	48ST10-31	**48**	6	152.95	150.95	—	95	21	31	16	1.090
31AT10/60-0	60ST10-31	**60**	6	191.10	189.10	—	110	21	31	16	1.701

Note: Finished Bore & Keyway available on request.

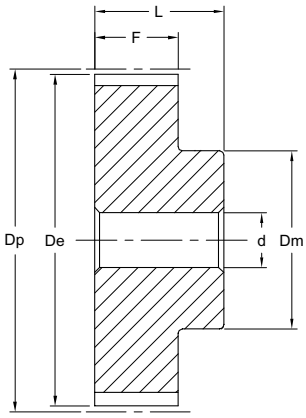
Metric Timing Pulleys

AT Series - 10 mm Pitch
Aluminum, Pilot Bore

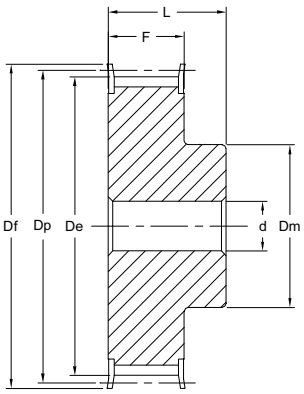
Part No: 40AT10/20-2

40 = Length thru Bore
AT10 = Tooth Profile and Pitch
20 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6 F

AT 10 mm Pitch x 25 mm Belt Width — **Dimensions in mm**

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
40AT10/15-2	15ST10-40	**15**	6F	47.90	45.90	51	31	30	40	8	0.152
40AT10/16-2	16ST10-40	**16**	6F	51.05	49.05	54	35	30	40	8	0.176
40AT10/18-2	18ST10-40	**18**	6F	57.45	55.45	60	40	30	40	8	0.224
40AT10/19-2	19ST10-40	**19**	6F	60.60	58.60	66	44	30	40	8	0.247
40AT10/20-2	20ST10-40	**20**	6F	63.80	61.80	66	46	30	40	8	0.276
40AT10/22-2	22ST10-40	**22**	6F	70.15	68.15	75	52	30	40	8	0.337
40AT10/24-2	24ST10-40	**24**	6F	76.55	74.55	83	58	30	40	8	0.392
40AT10/25-2	25ST10-40	**25**	6F	79.70	77.70	83	60	30	40	8	0.422
40AT10/26-2	26ST10-40	**26**	6F	82.90	80.90	87	60	30	40	8	0.477
40AT10/27-2	27ST10-40	**27**	6F	86.10	84.10	91	60	30	40	8	0.536
40AT10/28-2	28ST10-40	**28**	6F	89.25	87.25	93	60	30	40	8	0.540
40AT10/30-2	30ST10-40	**30**	6F	95.65	93.65	97	60	30	40	8	0.640
40AT10/32-2	32ST10-40	**32**	6F	102.00	100.00	106	65	30	40	10	0.693
40AT10/36-2	36ST10-40	**36**	6F	114.75	112.75	120	70	30	40	10	0.873
40AT10/40-2	40ST10-40	**40**	6F	127.45	125.45	135	80	30	40	10	1.067
40AT10/44-0	44ST10-40	**44**	6	140.20	138.20	—	88	30	40	10	1.350
40AT10/48-0	48ST10-40	**48**	6	152.95	150.95	—	95	30	40	16	1.516
40AT10/60-0	60ST10-40	**60**	6	191.10	189.10	—	110	30	40	16	2.339

AT 10 mm Pitch x 32 mm Belt Width

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
47AT10/18-2	18ST10-47	**18**	6F	57.45	55.45	60	40	37	47	10	0.253
47AT10/19-2	19ST10-47	**19**	6F	60.60	58.60	66	44	37	47	10	0.286
47AT10/20-2	20ST10-47	**20**	6F	63.80	61.80	66	46	37	47	12	0.322
47AT10/22-2	22ST10-47	**22**	6F	70.15	68.15	75	52	37	47	12	0.393
47AT10/24-2	24ST10-47	**24**	6F	76.55	74.55	83	58	37	47	12	0.475
47AT10/25-2	25ST10-47	**25**	6F	79.70	77.70	83	60	37	47	12	0.527
47AT10/26-2	26ST10-47	**26**	6F	82.90	80.90	87	60	37	47	12	0.564
47AT10/27-2	27ST10-47	**27**	6F	86.10	84.10	91	60	37	47	12	0.602
47AT10/28-2	28ST10-47	**28**	6F	89.25	87.25	93	60	37	47	12	0.642
47AT10/30-2	30ST10-47	**30**	6F	95.65	93.65	97	60	37	47	12	0.740
47AT10/32-2	32ST10-47	**32**	6F	102.00	100.00	106	65	37	47	12	0.844
47AT10/36-2	36ST10-47	**36**	6F	114.75	112.75	120	70	37	47	16	1.063
47AT10/40-2	40ST10-47	**40**	6F	127.45	125.45	135	80	37	47	16	1.317
47AT10/44-0	44ST10-47	**44**	6	140.20	138.20	—	88	37	47	16	1.611
47AT10/48-0	48ST10-47	**48**	6	152.95	150.95	—	95	37	47	16	1.931
47AT10/60-0	60ST10-47	**60**	6	191.10	189.10	—	110	37	47	16	3.004

Note: Finished Bore & Keyway available on request.

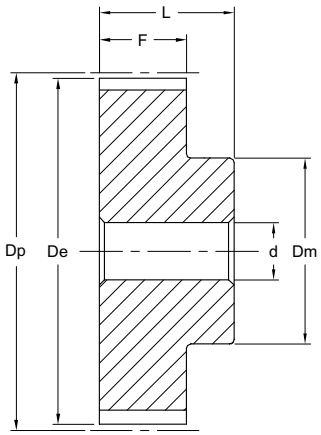
Metric Timing Pulleys

AT Series - 10 mm Pitch
Aluminum - Pilot Bore

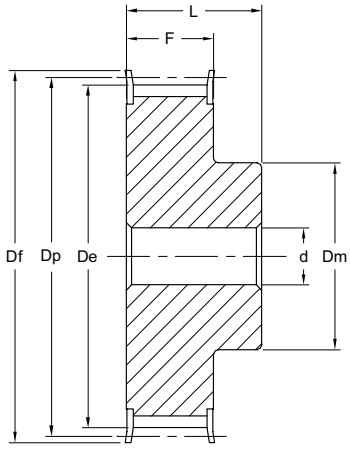
Part No: 66AT10/20-2

66 = Length thru Bore
AT10 = Tooth Profile and Pitch
20 = Number of Teeth
2 = Number of Flanges





Type 6



Type 6 F

AT 10 mm Pitch x 50 mm Belt Width — **Dimensions in mm**

Part No.	Part Code	Teeth	Type	Dp	De	Df	Dm	F	L	d	Wt. kg
66AT10/18-2	18ST10-66	**18**	6F	57.45	55.45	60	40	56	66	10	0.422
66AT10/19-2	19ST10-66	**19**	6F	60.60	58.60	66.5	44	56	66	10	0.466
66AT10/20-2	20ST10-66	**20**	6F	63.80	61.80	66.5	46	56	66	12	0.520
66AT10/22-2	22ST10-66	**22**	6F	70.15	68.15	75	52	56	66	12	0.570
66AT10/24-2	24ST10-66	**24**	6F	76.55	74.55	83	58	56	66	12	0.736
66AT10/25-2	25ST10-66	**25**	6F	79.70	77.70	83	60	56	66	12	0.766
66AT10/26-2	26ST10-66	**26**	6F	82.90	80.90	87	60	56	66	12	0.816
66AT10/27-2	27ST10-66	**27**	6F	86.10	84.10	91	60	56	66	12	0.946
66AT10/28-2	28ST10-66	**28**	6F	89.25	87.25	93	60	56	66	12	0.960
66AT10/30-2	30ST10-66	**30**	6F	95.65	93.65	97	60	56	66	12	1.169
66AT10/32-2	32ST10-66	**32**	6F	102.00	100.00	106	65	56	66	12	1.300
66AT10/36-2	36ST10-66	**36**	6F	114.75	112.75	119	70	56	66	16	1.637
66AT10/40-2	40ST10-66	**40**	6F	127.45	125.45	131	80	56	66	16	1.999
66AT10/44-0	44ST10-66	**44**	6	140.20	138.20	—	88	56	66	16	2.357
66AT10/48-0	48ST10-66	**48**	6	152.95	150.95	—	95	56	66	16	2.830
66AT10/60-0	60ST10-66	**60**	6	191.10	189.10	—	110	56	66	16	4.368

Note: Finished Bore & Keyway available on request.

5M HTD® Pulleys - Taper Bushed

5 mm Pitch x 15 mm Belt Width

Part No. TL40-5M-15

Where: TL = Taper Bushed Version
40 = No. of Teeth
5M = Pitch (5, 8 and 14mm)
15 = Width of belt (20, 30, 50 and 85)



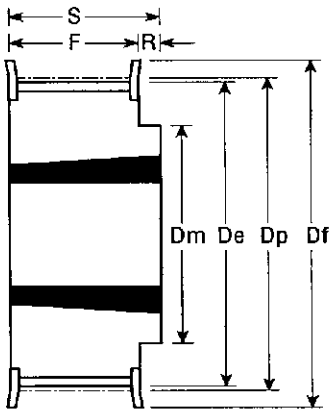


Fig 8F

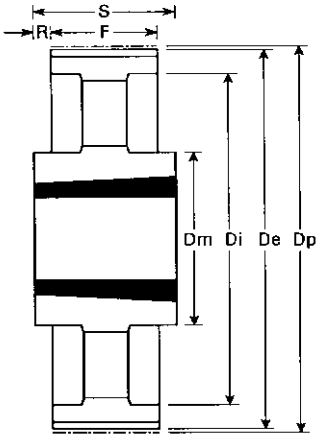


Fig 7A

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL34-5M-15	1008	34	15	ST	8F	54.11	52.97	57	43	—	20.5	22	1.5	0.19
TL36-5M-15	1108	36	15	ST	8F	57.30	56.16	60	44	—	20.5	22	1.5	0.20
TL38-5M-15	1108	38	15	ST	8F	69.48	59.34	66	48	—	20.5	22	1.5	0.25
TL40-5M-15	1108	40	15	ST	8F	63.66	62.52	71	52	—	20.5	22	1.5	0.31
TL44-5M-15	1108	44	15	ST	8F	70.03	68.89	75	54	—	20.5	22	1.5	0.40
TL48-5M-15	1210	48	15	ST	8F	76.39	75.25	83	64	—	20.5	25	4.5	0.45
TL56-5M-15	1210	56	15	GG	8F	89.13	87.99	93	70	—	20.5	25	4.5	0.67
TL64-5M-15	1210	64	15	GG	8F	101.86	100.72	106	78	—	20.5	25	4.5	0.96
TL72-5M-15	1610	72	15	GG	8F	114.59	113.45	119	90	—	20.5	25	4.5	1.19
TL80-5M-15	1610	80	15	GG	8F	127.32	126.18	135	92	—	20.5	25	4.5	1.57
TL90-5M-15	1610	90	15	GG	7A	143.24	142.10	—	92	126	20.5	25	2.3	1.47
TL112-5M-15	1610	112	15	GG	7A	178.25	177.11	—	92	162	20.5	25	2.3	1.94
TL136-5M-15	2012	136	15	GG	7A	216.45	215.31	—	106	199	20.5	32	5.8	3.06
TL150-5M-15	2012	150	15	GG	7A	238.73	237.59	—	106	222	20.5	32	5.8	3.90

Note: ST = Steel, GG = Cast Iron.

8M HTD® Pulleys - Taper Bushed

8 mm HTD® x 20, 30, 50, and 85 mm Belt Widths



Part No. TL32-8M-50

Where: TL = Taper Bushed Version
32 = No. of Teeth
8M = Pitch (5, 8 and 14mm)
50 = Width of belt (20, 30, 50 and 85)

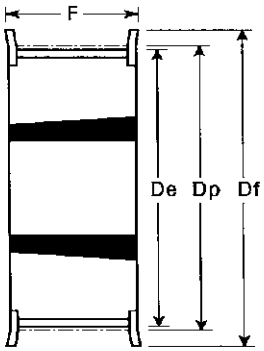


Fig 3F

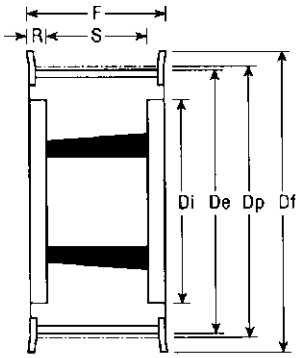


Fig 4F

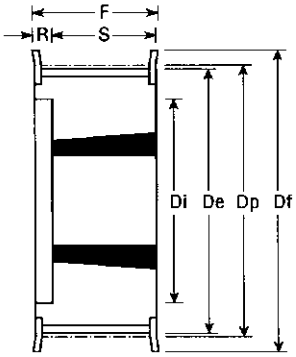


Fig 5F

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL22-8M-20	1008	22	20	GG	5F	56.02	54.65	60.0	—	41	28	22	6.0	0.24
TL22-8M-30	1008		30	GG	5F	56.02	54.65	60.0	—	41	38	22	16.0	0.29
TL24-8M-20	1108	24	20	GG	5F	61.12	59.75	66.0	—	42	28	22	6.0	0.30
TL24-8M-30	1108		30	GG	5F	61.12	59.75	66.0	—	42	38	22	16.0	0.38
TL26-8M-20	1108	26	20	GG	5F	66.21	64.84	71.0	—	46	28	22	6.0	0.36
TL26-8M30	1108		30	GG	5F	66.21	64.84	71.0	—	46	38	22	16.0	0.45
TL28-8M-20	1108	28	20	GG	5F	71.30	70.08	75.0	—	50	28	22	6.0	0.44
TL28-8M-30	1210		30	ST	5F	71.30	70.08	75.0	—	50	38	25	13.0	0.50
TL28-8M-50	1210		50	ST	5F	71.30	70.08	75.0	—	50	60	25	35.0	0.60
TL30-8M-20	1108	30	20	GG	5F	76.39	75.13	83.0	—	58	28	22	6.0	0.53
TL30-8M-30	1615		30	ST	3F	76.39	75.13	83.0	—	—	38	38	—	0.55
TL30-8M-50	1615		50	ST	5F	76.39	75.13	83.0	—	58	60	38	22.0	0.65
TL32-8M-20	1610	32	20	GG	5F	81.49	80.16	87.0	—	62	28	25	3.0	0.42
TL32-8M-30	1615		30	GG	3F	81.49	80.16	87.0	—	—	38	38	—	0.59
TL32-8M-50	1615		50	GG	5F	81.49	80.16	87.0	—	62	60	38	22.0	0.82
TL34-8M-20	1610	34	20	GG	5F	86.58	85.79	91.0	—	65	28	25	3.0	0.55
TL34-8M-30	1615		30	GG	3F	86.58	85.22	91.0	—	—	38	38	—	0.77
TL34-8M-50	1615		50	GG	5F	86.58	85.22	91.0	—	65	60	38	22.0	1.06
TL34-8M-85	1615		85	GG	4F	86.58	85.22	91.0	—	65	95	38	28.5	1.43
TL36-8M-20	1610	36	20	GG	5F	91.67	90.30	98.5	—	68	28	25	3.0	0.68
TL36-8M-30	1615		30	GG	3F	91.67	90.30	98.5	—	—	38	38	—	0.96
TL36-8M-50	1615		50	GG	5F	91.67	90.30	9S.5	—	68	60	38	22.0	1.30
TL36-8M-85	1615		85	GG	4F	91.67	90.30	98.5	—	68	95	38	28.5	1.87
TL38-8M-20	1610	38	20	GG	5F	96.77	95.39	103.0	—	72	28	25	3.0	0.80
TL38-8M-30	1615		30	GG	3F	96.77	95.39	103.0	—	—	38	38	—	1.15
TL38-8M-50	1615		50	GG	3F	96.77	95.39	103.0	—	72	60	38	22.0	1.60
TL38-8M-85	1615		85	GG	4F	96.77	95.39	103.0	—	72	95	38	28.5	2.20

Note: GG = Cast Iron. ST = Steel.

8M HTD® Pulleys - Taper Bushed

8 mm HTD® x 20, 30, 50, and 85 mm Belt Widths

Part No. **TL48-8M-50**
Where: TL = Taper Bushed Version
48 = No. of Teeth
8M = Pitch (5, 8 and 14mm)
50 = Width of belt (20, 30, 50 and 85)



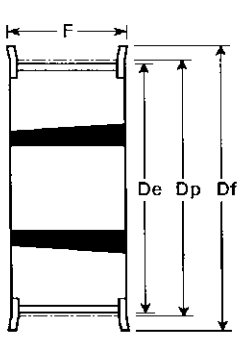


Fig 3F

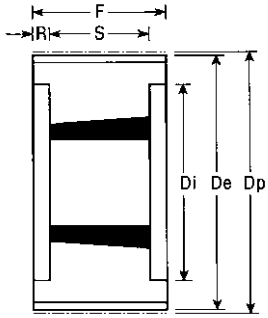


Fig 4F

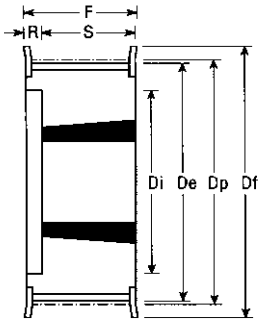


Fig 5F

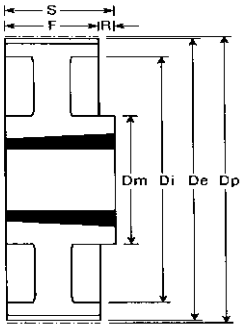


Fig 8F

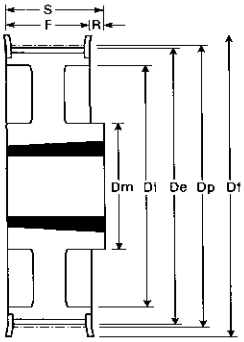


Fig 8WF

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL40-8M-20	1610	40	20	GG	5F	101.86	100.49	106.0	—	76	28	25	3.0	1.00
TL40-8M-30	1615		30	GG	3F	101.86	100.49	106.0	—	—	38	38	—	1.34
TL40-8M-50	2012		50	GG	4F	101.86	100.49	106.0	—	82	60	32	14.0	1.71
TL40-8M-85	2012		85	GG	4F	101.86	100.49	106.0	—	82	95	32	31.5	1.80
TL44-8M-20	2012	44	20	GG	8F	112.05	110.67	119.0	93	—	28	32	4.0	1.20
TL44-8M-30	2012		30	GG	4F	112.05	110.67	119.0	—	91	38	32	3.0	1.33
TL44-8M-50	2012		50	GG	4F	112.05	110.67	119.0	—	91	60	32	14.0	1.78
TL44-8M-85	2012		85	GG	4F	112.05	110.67	119.0	—	91	95	32	31.5	2.30
TL48-8M-20	2012	48	20	GG	8F	122.23	120.86	127.0	96	—	28	32	4.0	1.60
TL48-8M-30	2012		30	GG	4F	122.23	120.86	127.0	—	95	38	32	3.0	1.78
TL48-8M-50	2012		50	GG	4F	122.23	120.86	127.0	—	96	60	32	14.0	2.30
TL48-8M-85	2517		85	GG	4F	122.23	120.86	127.0	—	100	95	45	25.0	2.66
TL56-8M-20	2012	56	20	GG	8F	142.60	141.23	148.0	110	—	28	32	4.0	2.40
TL56-8M-30	2012		30	GG	4F	142.60	141.23	148.0	—	117	38	32	3.0	3.76
TL56-8M-50	2517		50	GG	4F	142.60	141.23	148.0	—	116	60	45	7.5	3.40
TL56-8M-85	2517		85	GG	4F	142.60	141.23	148.0	—	117	95	45	25.0	4.45
TL64-8M-20	2012	64	20	GG	8WF	162.97	161.60	168.0	110	137	28	32	4.0	2.70
TL64-8M-30	2517		30	GG	8F	162.97	161.60	168.0	125	—	38	45	7.0	4.20
TL64-8M-50	2517		50	GG	4F	162.97	161.60	168.0	—	137	60	45	7.5	5.00
TL64-8M-85	2517		85	GG	4F	162.97	161.60	168.0	—	137	95	45	25.0	6.20

Note: GG = Cast Iron.

8M HTD® Pulleys - Taper Bushed

8 mm HTD® x 20, 30, 50 and 85 mm Belt Widths

Part No. TL80-8M-20

Where: TL = Taper Bushed Version
80 = No. of Teeth
8M = Pitch (5, 8 and 14mm)
20 = Width of belt (20, 30, 50 and 85)



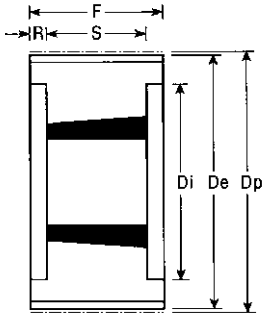


Fig 4

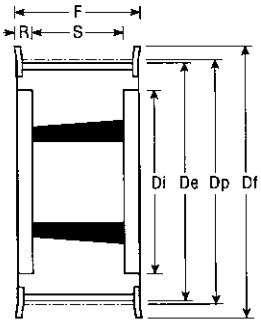


Fig 4F

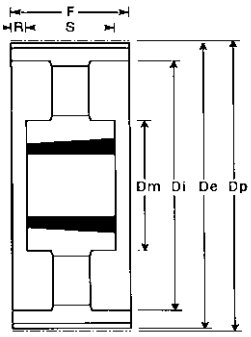


Fig 9A

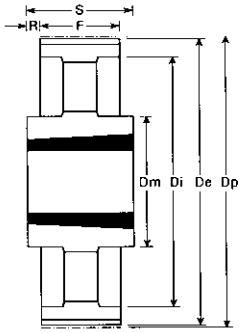


Fig 7A

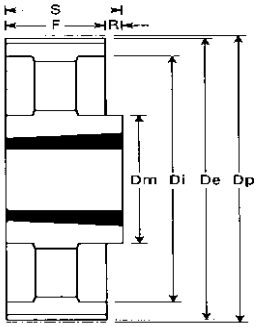


Fig 8A

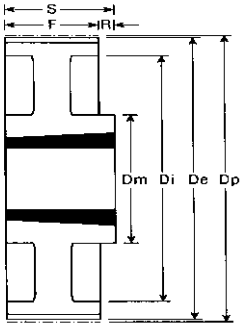


Fig 8W

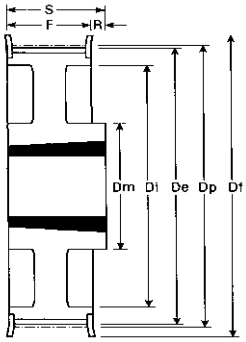


Fig 8WF

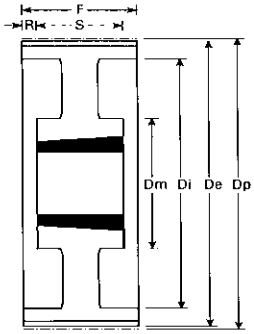


Fig 9W

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL72-8M-20	2012	72	20	GG	8WF	183.35	181.97	192.0	110	158	28	32	4.0	3.30
TL72-8M-30	2517		30	GG	8WF	183.35	181.97	192.0	125	158	38	45	7.0	4.30
TL72-8M-50	2517		50	GG	4F	183.35	181.97	192.0	125	158	60	45	7.5	6.70
TL72-8M-85	3020		85	GG	4F	183.35	181.97	192.0	—	158	95	51	22.0	8.00
TL80-8M-20	2012	80	20	GG	8W	203.72	202.35	—	110	180	28	32	4.0	3.50
TL80-8M-30	2517		30	GG	8W	203.72	202.35	—	125	180	38	45	7.0	4.60
TL80-8M-50	3020		50	GG	4	203.72	202.35	—	—	180	60	51	4.5	8.80
TL80-8M-85	3020		85	GG	4	203.72	202.35	—	—	180	95	51	22.0	10.00
TL90-8M-20	2012	90	20	GG	8A	229.18	227.81	—	110	204	28	32	4.0	3.65
TL90-8M-30	2517		30	GG	8A	229.18	227.81	—	125	204	38	45	7.0	5.00
TL90-8M-50	3020		50	GG	9W	229.18	227.81	—	170	204	60	51	4.5	10.00
TL90-8M-85	3020		85	GG	9W	229.18	227.81	—	170	204	95	51	22.0	10.80
TL112-8M-30	2517	112	30	GG	8A	285.21	283.83	—	125	260	38	45	7.0	6.20
TL112-8M-50	3020		50	GG	9W	285.21	283.83	—	170	260	60	51	4.5	12.00
TL112-8M-85	3020		85	GG	9W	285.21	283.83	—	170	260	95	51	22.0	15.00
TL144-8M-30	2517	144	30	GG	8A	366.69	365.32	—	125	341	38	45	7.0	9.00
TL144-8M-50	3020		50	GG	9A	366.69	365.32	—	170	341	60	51	4.5	15.20
TL144-8M-85	3525		85	GG	9A	366.69	365.32	—	190	341	95	65	15.0	20.00
TL168-8M-50	3525	168	50	GG	7A	427.81	426.44	—	190	402	60	65	2.5	16.40
TL168-8M-85	3525		85	GG	9A	427.81	426.44	—	190	402	95	65	15.0	23.00
TL192-8M-50	3525	192	50	GG	7A	488.92	487.55	—	190	460	60	65	2.5	21.80
TL192-8M-85	3525		85	GG	9A	488.92	487.55	—	190	460	95	65	15.0	28.50

Note: GG = Cast Iron.

14M HTD® Pulleys - Taper Bushed

14 mm HTD® x 40, 55, 85, 115 and 170 mm Belt Widths

Part No. TL36-14M-40

Where: TL = Taper Bushed Version
36 = No. of Teeth
14M = Pitch (5, 8 and 14mm)
40 = Width of belt (40, 55, 85, 115, 170)



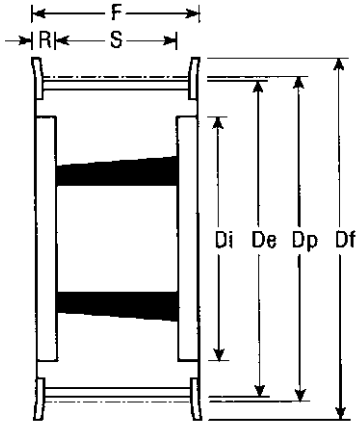


Fig 4F

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL28-14M-40	2012	28	40	GG	4F	124.78	122.12	127	—	98	54	32	11.0	2.07
TL28-14M-55	2012		55	GG	4F	124.78	122.12	127	—	98	70	32	19.0	2.20
TL28-14M-85*	2517		85	GG	4F	124.78	122.12	127	—	98	102	45	28.5	2.70
TL28-14M-115*	2517		115	GG	4F	124.78	122.12	127	—	98	133	45	44.0	3.77
TL29-14M-40	2012	29	40	GG	4F	129.23	126.57	138	—	100	54	32	11.0	2.38
TL29-14M-55	2012		55	GG	4F	129.23	126.57	138	—	100	70	32	19.0	2.74
TL29-14M-85*	2517		85	GG	4F	129.23	126.57	138	—	100	102	45	28.5	3.40
TL29-14M-115*	2517		115	GG	4F	129.23	126.57	138	—	100	133	45	44.0	4.00
TL30-14M-40	2012	30	40	GG	4F	133.69	130.99	138	—	100	54	32	11.0	2.65
TL30-14M-55*	2517		55	GG	4F	133.69	130.99	138	—	100	70	45	12.5	2.70
TL30-14M-85*	2517		85	GG	4F	133.69	130.99	138	—	100	102	45	28.5	3.75
TL30-14M-115*	2517		115	GG	4F	133.69	130.99	138	—	100	133	45	44.0	5.00
TL32-14M-40	2012	32	40	GG	4F	142.60	139.88	154	—	104	54	32	11.0	3.40
TL32-14M-55*	2517		55	GG	4F	142.60	139.88	154	—	108	70	45	12.5	3.66
TL32-14M-85*	2517		85	GG	4F	142.60	139.88	154	—	108	102	45	28.5	4.80
TL32-14M-115*	2517		115	GG	4F	142.60	139.88	154	—	108	133	45	44.0	6.80
TL34-14M-40*	2517	34	40	GG	4F	151.52	148.79	160	—	110	54	45	4.5	3.87
TL34-14M-55*	2517		55	GG	4F	151.52	148.79	160	—	110	70	45	12.5	4.55
TL34-14M-85*	2517		85	GG	4F	151.52	148.79	160	—	110	102	45	28.5	6.00
TL34-14M-115*	2517		115	GG	4F	151.52	148.79	160	—	110	133	45	44.0	6.80
TL36-14M-40*	2517	36	40	GG	4F	160.43	157.68	168	—	120	54	45	4.5	4.80
TL36-14M-55*	2517		55	GG	4F	160.43	157.68	168	—	120	70	45	12.5	5.20
TL36-14M-85	3020		85	GG	4F	160.43	157.68	168	—	125	102	51	25.5	5.80
TL36-14M-115	3020		115	GG	4F	160.43	157.68	168	—	125	133	51	41.0	7.00
TL38-14M-40*	2517	38	40	GG	4F	169.34	166.60	183	—	130	54	45	4.5	5.40
TL38-14M-55*	2517		55	GG	4F	169.34	166.60	183	—	130	70	45	12.5	6.20
TL38-14M-85	3020		85	GG	4F	169.34	166.60	183	—	130	102	51	25.5	6.80
TL38-14M-115	3020		115	GG	4F	169.34	166.60	183	—	130	133	51	41.0	8.40
TL38-14M-170	3030		170	GG	4F	169.34	166.60	183	—	130	187	76	55.5	11.70
TL40-14M-40*	2517	40	40	GG	4F	178.25	175.49	188	—	138	54	45	4.5	6.00
TL40-14M-55*	2517		55	GG	4F	178.25	175.49	188	—	138	70	45	12.5	7.00
TL40-14M-85	3020		85	GG	4F	178.25	175.49	188	—	138	102	51	25.5	8.00
TL40-14M-115	3020		115	GG	4F	178.25	175.49	188	—	140	133	51	41.0	9.20
TL40-14M-170	3030		170	GG	4F	178.25	175.49	188	—	140	187	76	55.5	13.00

Note: GG = Cast Iron. * Requires TL Bushing with BSW screws.

14M HTD® Pulleys - Taper Bushed

14 mm HTD® x 40, 55, 85, 115 and 170 mm Belt Width



Part No. TL48-14M-115

Where: TL = Taper Bushed Version
48 = No. of Teeth
14M = Pitch (5, 8 and 14mm)
115 = Width of belt (40, 55, 85, 115, 170)

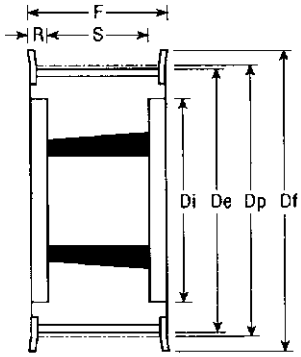


Fig 4F

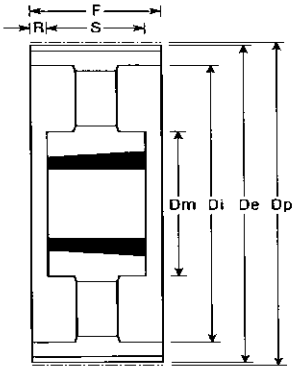


Fig 9A

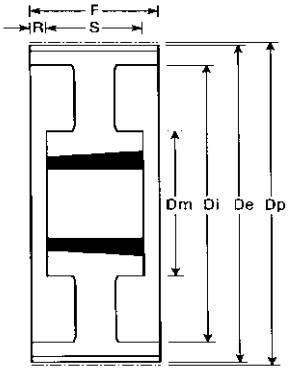


Fig 9W

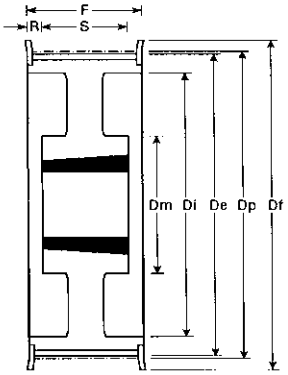


Fig 4WF/9WF

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL44-14M-40	3020	44	40	GG	4F	196.08	193.28	211	—	155	54	51	1.5	7.80
TL44-14M-55	3020		55	GG	4F	196.08	193.28	211	—	155	70	51	9.5	8.60
TL44-14M-85	3030		85	GG	4F	196.08	193.28	211	—	155	102	76	13.0	11.80
TL44-14M-115	3030		115	GG	4F	196.08	193.28	211	—	155	133	76	28.5	14.00
TL44-14M-170*	3535		170	GG	4F	196.08	193.28	211	—	155	187	89	49.0	15.00
TL48-14M-40	3020	48	40	GG	4F	213.90	211.11	226	—	170	54	51	1.5	9.40
TL48-14M-55	3020		55	GG	4F	213.90	211.11	226	—	170	70	51	9.5	10.40
TL48-14M-85	3030		85	GG	4F	213.90	211.11	226	—	170	102	76	13.0	15.10
TL48-14M-115	3030		115	GG	4F	213.90	211.11	226	—	170	133	76	28.5	17.10
TL48-14M-170*	3535		170	GG	4F	213.90	211.11	226	—	175	187	89	49.0	19.00
TL56-14M-40	3020	56	40	GG	9WF	249.55	246.76	256	170	208	54	51	1.5	10.80
TL56-14M-55	3020		55	GG	9WF	249.55	246.76	256	170	208	70	51	9.5	12.00
TL56-14M-85*	3525		85	GG	4F	249.55	246.76	256	190	210	102	65	18.5	19.00
TL56-14M-115*	3535		115	GG	4F	249.55	246.76	256	—	210	133	89	22.0	24.80
TL56-14M-170*	3535		170	GG	4F	249.55	246.76	256	—	210	187	89	49.0	28.50
TL64-14M-40	3020	64	40	GG	9WF	285.21	282.41	296	170	242	54	51	1.5	13.40
TL64-14M-55	3020		55	GG	9WF	285.21	282.41	296	170	242	70	51	9.5	14.50
TL64-14M-85*	3525		85	GG	9WF	285.21	282.41	296	190	242	102	65	18.5	23.00
TL64-14M-115*	3535		115	GG	9WF	285.21	282.41	296	190	242	133	89	22.0	27.00
TL64-14M-170	4040		170	GG	4F	285.21	282.41	296	—	240	187	102	42.5	41.00
TL72-14M-40	3020	72	40	GG	9W	320.86	318.06	—	170	280	54	51	1.5	15.20
TL72-14M-55	3020		55	GG	9W	320.86	318.06	—	170	280	70	51	9.5	16.20
TL72-14M-85*	3525		85	GG	9W	320.86	318.06	—	190	280	102	65	18.5	25.00
TL72-14M-115*	3535		115	GG	9W	320.86	318.06	—	190	280	133	89	22.0	29.00
TL72-14M-170	4040		170	GG	9W	320.86	318.06	—	230	280	187	102	42.5	46.90
TL80-14M-40	3020	80	40	GG	9A	356.51	353.71	—	170	315	54	51	1.5	16.00
TL80-14M-55	3020		55	GG	9A	356.51	353.71	—	170	315	70	51	9.5	17.50
TL80-14M-85*	3525		85	GG	9A	356.51	353.71	—	190	315	102	65	18.5	26.00
TL80-14M-115*	3535		115	GG	9A	356.51	353.71	—	190	315	133	89	22.0	32.00
TL80-14M-170	4040		170	GG	9W	356.51	353.71	—	230	315	187	102	42.5	48.00

Note: GG = Cast Iron. * Requires TL Bushing with BSW screws.

14M HTD® Pulleys - Taper Bushed

14 mm HTD® x 40, 55, 85, 115 and 170 mm Belt Widths



Part No. TL144-14M-40

Where: TL = Taper Bushed Version
144 = No. of Teeth
14M = Pitch (5, 8 and 14mm)
40 = Width of belt (40, 55, 85, 115, 170)

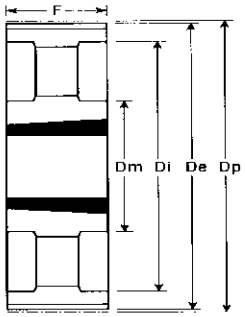


Fig 3A

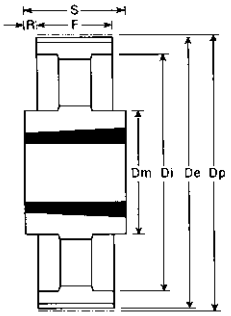


Fig 7A

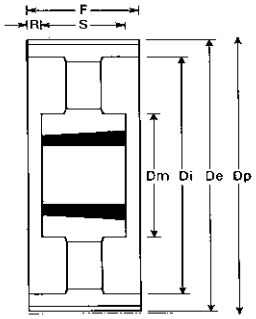


Fig 9A

Dimensions in **mm**

Part No.	Bushing	Teeth	Belt Width	Material	Figure	Dp	De	Df	Dm	Di	F	S	R	Wt. kg
TL90-14M-40	3020	90	40	GG	9A	401.07	398.28	—	170	360	54	51	1.5	17.80
TL90-14M-55	3020		55	GG	9A	401.07	398.28	—	170	360	70	51	9.5	20.10
TL90-14M-85	3525		85	GG	9A	401.07	398.28	—	190	360	102	65	18.5	27.80
TL90-14M-115	3535		115	GG	9A	401.07	398.28	—	190	360	133	89	22.0	36.50
TL90-14M-170	4040		170	GG	9A	401.07	398.28	—	230	360	187	102	42.5	52.50
TL112-14M-40	3020	112	40	GG	9A	499.11	496.32	—	170	457	54	51	1.5	25.60
TL112-14M-55	3020		55	GG	9A	499.11	496.32	—	170	457	70	51	9.5	28.40
TL112-14M-85	3525		85	GG	9A	499.11	496.32	—	190	457	102	65	18.5	36.50
TL112-14M-115	3535		115	GG	9A	499.11	496.32	—	190	457	133	89	22.0	46.00
TL112-14M-170	5050		170	GG	9A	499.11	496.32	—	265	456	187	127	30.0	74.50
TL144-14M-40	3020	144	40	GG	9A	641.71	638.92	—	170	600	54	51	1.5	32.00
TL144-14M-55	3020		55	GG	9A	641.71	638.92	—	170	600	70	51	9.5	36.20
TL144-14M-85	3525		85	GG	9A	641.71	638.92	—	190	600	102	65	18.5	48.00
TL144-14M-115	4040		115	GG	9A	641.71	638.92	—	230	600	133	102	15.5	68.00
TL144-14M-170	5050		170	GG	9A	641.71	638.92	—	265	600	187	127	30.0	91.00
TL168-14M-40	3020	168	40	GG	9A	748.66	745.87	—	170	706	54	51	1.5	44.00
TL168-14M-55	3020		55	GG	9A	748.66	745.87	—	170	706	70	51	9.5	49.00
TL168-14M-85	3525		85	GG	9A	748.66	745.87	—	190	706	102	65	18.5	60.00
TL168-14M-115	4040		115	GG	9A	748.66	745.87	—	230	706	133	102	15.5	82.60
TL168-14M-170	5050		170	GG	9A	748.66	745.87	—	265	706	187	127	30.0	116.0
TL192-14M-40	3020	192	40	GG	9A	855.62	852.82	—	170	813	54	51	1.5	49.00
TL192-14M-55	3020		55	GG	9A	855.62	852.82	—	170	813	70	51	9.5	53.00
TL192-14M-85	4040		85	GG	3A	855.62	852.82	—	230	813	102	102	—	86.00
TL192-14M-115	4040		115	GG	9A	855.62	852.82	—	230	813	133	102	15.5	96.00
TL192-14M-170	5050		170	GG	9A	855.62	852.82	—	265	813	187	127	30.0	134.0
TL216-14M-40	3020	216	40	GG	9A	96257	959.76	—	170	920	54	51	1.5	55.00
TL216-14M-55	3535		55	GG	7A	962.57	959.76	—	190	920	70	89	9.5	65.80
TL216-14M-85	4040		85	GG	3A	962.57	959.76	—	230	920	102	102	—	91.50
TL216-14M-115	4040		115	GG	9A	962.57	959.76	—	230	920	133	102	15.5	107.00
TL216-14M-170	5050		170	GG	9A	962.57	959.76	—	265	920	187	127	30.0	146.50

Note: GG = Cast Iron.

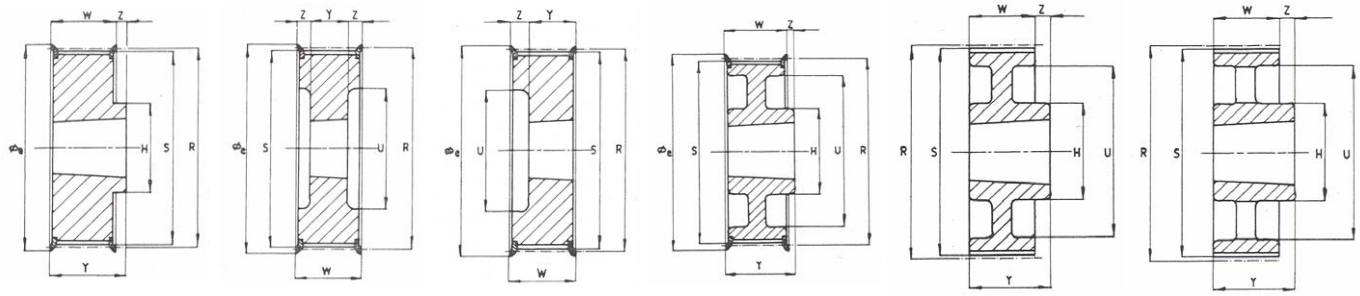
Super Torque Timing Pulley Taper Bushed

Pitch 8 mm

Part No: B22S8M20

B = Taper Bushed Version
22 = Number of Teeth
S8 = Pitch (8 or 14mm)
M20 = Width of Belt (20,30,50,85mm)





Type 1 Type 2 Type 4 Type 6 Type 9 Type 12

20 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B22S8M20	1008	22	4	56.02	54.65	62	38	28	—	6	22	0.25
B24S8M20	1108	24	4	61.12	59.74	67	42	28	—	6	22	0.30
B26S8M20	1108	26	4	66.21	64.84	73	45	28	—	6	22	0.36
B28S8M20	1108	28	4	71.30	69.93	77	52	28	—	6	22	0.44
B30S8M20	1108	30	4	76.39	75.02	84	56	28	—	6	22	0.53
B32S8M20	1610	32	4	81.49	80.12	88	65	28	—	3	25	0.42
B34S8M20	1610	34	4	86.58	85.21	94	66	28	—	3	25	0.55
B36S8M20	1610	36	4	91.67	90.30	98	68	28	—	3	25	0.68
B38S8M20	1610	38	4	96.77	95.39	104	76	28	—	3	25	0.80
B40S8M20	1610	40	4	101.86	100.49	108	80	28	—	3	25	1.00
B44S8M20	2012	44	1	112.05	110.67	121	—	28	99	4	32	1.20
B48S8M20	2012	48	1	122.23	120.86	129	—	28	105	4	32	1.60
B56S8M20	2012	56	1	142.60	141.23	149	—	28	105	4	32	2.40
B64S8M20	2012	64	6	162.97	161.60	168	140	28	110	4	32	2.70
B72S8M20	2012	72	6	183.35	181.97	191	158	28	110	4	32	3.30
B80S8M20*	2012	80	9	203.72	202.35	—	178	28	110	4	32	3.50
B90S8M20*	2012	90	12	229.18	227.81	—	204	28	110	4	32	3.65

30 mm Belt Width

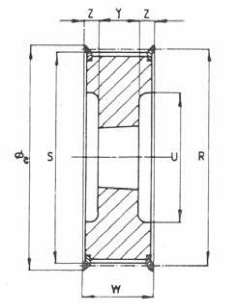
Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B22S8M30	1008	22	4	56.02	54.65	62	38	38	—	16	22	0.31
B24S8M30	1108	24	4	61.12	59.74	67	42	38	—	16	22	0.38
B26S8M30	1108	26	4	66.21	64.84	73	45	38	—	16	22	0.45
B28S8M30	1108	28	4	71.30	69.93	77	52	38	—	16	22	0.50
B30S8M30	1615	30	8	76.39	75.02	84	—	38	—	—	38	0.55
B32S8M30	1615	32	8	81.49	80.12	88	—	38	—	—	38	0.59
B34S8M30	1615	34	8	86.58	85.21	94	—	38	—	—	38	0.77
B36S8M30	1615	36	8	91.67	90.30	98	—	38	—	—	38	0.96
B38S8M30	1615	38	8	96.77	95.39	104	—	38	—	—	38	1.15
B40S8M30	1615	40	8	101.86	100.49	108	—	38	—	—	38	1.34
B44S8M30	2012	44	2	112.05	110.67	121	90	38	—	—	32	1.33
B48S8M30	2012	48	2	122.23	120.86	129	98	38	—	3	32	1.78
B56S8M30	2012	56	2	142.60	141.23	149	118	38	—	3	32	3.76
B64S8M30*	2517	64	6	162.97	161.60	168	140	38	115	3	45	4.20
B72S8M30*	2517	72	6	183.35	181.97	191	158	38	120	7	45	4.30
B80S8M30*	2517	80	9	203.72	202.35	—	178	38	120	7	45	4.60
B90S8M30*	2517	90	12	229.18	227.81	—	204	38	120	7	45	5.00
B112S8M30*	2517	112	12	285.21	283.83	—	260	38	120	7	45	6.20
B144S8M30*	2517	144	12	366.69	365.32	—	341	38	120	7	45	9.00

Note: * Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.
Requires TL Bushing with BSW threads.

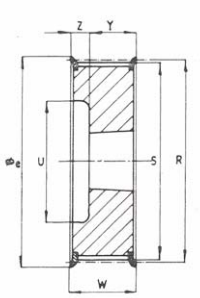
Super Torque Timing Pulley Taper Bushed

Pitch 8 mm

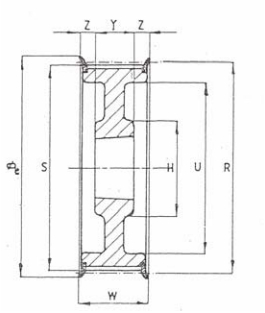




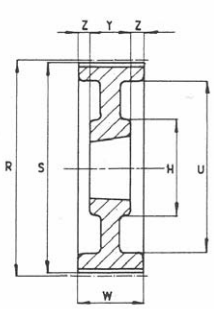
Type 2



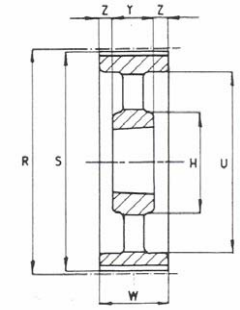
Type 4



Type 5



Type 7



Type 14

50 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S8M50	1108	28	2	71.30	69.93	77	52	60	—	19	22	0.60
B30S8M50	1615	30	4	76.39	75.02	84	58	60	—	22	38	0.65
B32S8M50	1615	32	4	81.94	80.12	88	60	60	—	22	38	0.82
B34S8M50	1615	34	4	86.58	85.21	94	66	60	—	22	38	1.06
B36S8M50	1615	36	4	91.67	90.30	98	68	60	—	22	38	1.30
B38S8M50	1615	38	4	96.77	95.39	104	75	60	—	22	38	1.60
B40S8M50	2012	40	2	101.86	100.49	108	80	60	—	14	32	1.71
B44S8M50	2012	44	2	112.05	110.67	121	90	60	—	14	32	1.78
B48S8M50	2012	48	2	122.23	120.86	129	100	60	—	14	32	2.30
B56S8M50	2517•	56	2	142.60	141.23	149	120	60	—	7.5	45	3.40
B64S8M50	2517•	64	5	162.97	161.60	168	138	60	115	7.5	45	5.00
B72S8M50	2517•	72	5	183.35	181.97	191	158	60	120	7.5	45	6.70
B80S8M50	3020	80	7	203.72	202.35	—	178	60	140	4.5	51	8.80
B90S8M50*	3020	90	7	229.18	227.81	—	204	60	146	4.5	51	10.00
B112S8M50*	3020	112	14	285.21	283.83	—	260	60	146	4.5	51	12.00
B144S8M50*	3020	114	14	366.69	365.32	—	341	60	146	4.5	51	15.20
B168S8M50*	3020	168	14	427.80	426.42	—	402	60	146	4.5	51	17.50
B192S8M50*	3020	192	14	488.92	487.54	—	462	60	146	4.5	51	24.00

85 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B34S8M85	1615	34	2	86.58	85.21	94	66	95	—	28.5	38	1.43
B36S8M85	1615	36	2	91.67	90.30	98	68	95	—	28.5	38	1.87
B38S8M85	1615	38	2	96.77	95.39	104	75	95	—	28.5	38	2.20
B40S8M85	2012	40	2	101.86	100.49	108	80	95	—	31.5	32	1.80
B44S8M85	2012	44	2	112.05	110.67	121	90	95	—	31.5	32	2.30
B48S8M85	2517•	48	2	122.23	120.86	129	100	95	—	25	45	2.66
B56S8M85	2517•	56	2	142.60	141.23	149	120	95	—	25	45	4.45
B64S8M85	2517•	64	2	162.97	161.60	168	138	95	—	25	45	6.20
B72S8M85	3020	72	2	183.35	181.97	191	158	95	—	22	51	8.00
B80S8M85*	3020	80	7	203.72	202.35	—	178	95	140	22	51	10.00
B90S8M85	3020	90	7	229.18	227.81	—	204	95	146	22	51	10.80
B112S8M85*	3020	112	14	285.21	283.83	—	260	95	146	22	51	15.00
B144S8M85*	3030	144	14	366.69	365.32	—	341	95	140	9.5	76	20.00
B168S8M85*	3030	168	14	427.80	426.42	—	402	95	140	9.5	76	22.00
B192S8M85*	3030	192	14	488.92	487.54	—	462	95	140	9.5	76	26.00

Note: * Indicates without Flanges. Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.

• Requires TL Bushings with BSW threads.

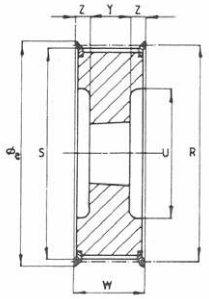
Super Torque Timing Pulley Taper Bushed

Pitch 14 mm

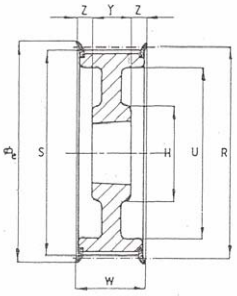
Part No: B38S14M40

B = Taper Bushed Version
38 = Number of Teeth
S14 = Pitch (8 or 14mm)
M40 = Width of Belt (40,55,85,115,170mm)

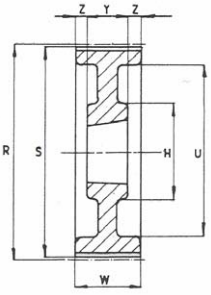




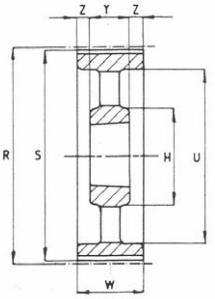
Type 2



Type 5



Type 7



Type 14

40 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt kg
B28S14M40	2012	28	2	124.78	121.98	134	98	54	—	11	32	2.07
B29S14M40	2012	29	2	129.23	126.44	134	100	54	—	11	32	2.38
B30S14M40	2012	30	2	133.69	130.90	142	100	54	—	11	32	2.65
B32S14M40	2012	32	2	142.60	139.81	150	104	54	—	11	32	3.40
B34S14M40	2517•	34	2	151.51	148.72	158	110	54	—	4.5	45	3.78
B36S14M40	2517•	36	2	160.43	157.63	166	120	54	—	4.5	45	4.80
B38S14M40	2517•	38	2	169.34	166.55	177	130	54	—	4.5	45	5.40
B40S14M40	2517•	40	2	178.25	175.46	186	138	54	—	4.5	45	6.00
B44S14M40	3020	44	2	196.08	193.28	209	154	54	—	1.5	51	7.80
B48S14M40	3020	48	2	213.90	211.11	216	172	54	—	1.5	51	9.40
B56S14M40	3020	56	5	249.56	246.76	261	207	54	146	1.5	51	10.80
B64S14M40	3020	64	5	285.21	282.41	288	243	54	146	1.5	51	13.40
B72S14M40*	3020	72	7	320.86	318.06	—	279	54	146	1.5	51	15.20
B80S14M40*	3020	80	14	356.51	353.71	—	314	54	146	1.5	51	16.00
B90S14M40*	3020	90	14	401.07	398.28	—	359	54	146	1.5	51	17.80
B112S14M40*	3020	112	14	499.11	496.32	—	457	54	146	1.5	51	25.60
B144S14M40*	3020	144	14	641.71	638.92	—	600	54	146	1.5	51	32.00

55 mm Belth Width

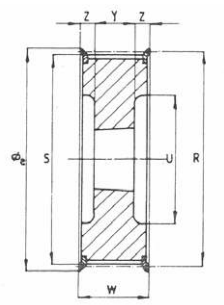
Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt kg
B28S14M55	2012	28	2	124.78	121.98	134	98	70	—	19	32	2.20
B29S14M55	2012	29	2	129.23	126.44	134	100	70	—	19	32	2.74
B30S14M55	2517•	30	2	133.69	130.90	142	100	70	—	12.5	45	2.70
B32S14M55	2517•	32	2	142.60	139.81	150	104	70	—	12.5	45	3.66
B34S14M55	2517•	34	2	151.51	148.72	158	110	70	—	12.5	45	4.55
B36S14M55	2517•	36	2	160.43	157.63	166	120	70	—	12.5	45	5.20
B38S14M55	2517•	38	2	169.34	166.55	177	130	70	—	12.5	45	6.20
B40S14M55	2517•	40	2	178.25	175.46	186	138	70	—	12.5	45	7.00
B44S14M55	3020	44	2	196.08	193.28	209	154	70	—	9.5	51	8.60
B48S14M55*	3020	48	2	213.90	211.11	216	172	70	—	9.5	51	10.40
B56S14M55	3020	56	5	249.56	246.76	261	207	70	146	9.5	51	12.40
B64S14M55*	3020	64	5	285.21	282.41	288	243	70	146	9.5	51	14.50
B72S14M55*	3020	72	7	320.86	318.06	—	279	70	146	9.5	51	16.20
B80S14M55*	3020	80	14	356.51	353.71	—	314	70	146	9.5	51	17.50
B90S14M55*	3020	90	14	401.07	398.28	—	359	70	146	9.5	51	20.10
B112S14M55	3020	112	14	499.11	496.32	—	457	70	146	9.5	51	28.40
B144S14M55	3020	144	14	641.71	638.92	—	600	70	146	9.5	51	36.20

Note: * Indicates without Flanges. Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.
• Requires TL Bushings with BSW threads.

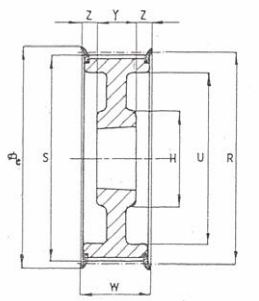
Super Torque Timing Pulley Taper Bushed

Pitch 14 mm

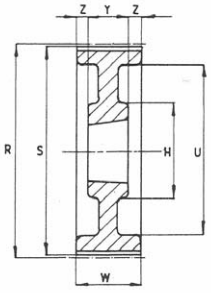




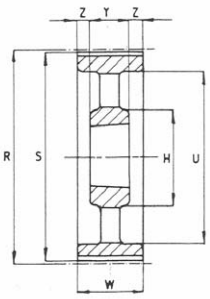
Type 2



Type 5



Type 7



Type 14

85 mm Belt Wldth

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S14M85*	2517	**28**	2	124.78	121.98	134	98	102	—	28.5	45	2.70
B29S14M85*	2517	**29**	2	129.23	126.44	134	100	102	—	28.5	45	3.40
B30S14M85*	2517	**30**	2	133.69	130.90	142	100	102	—	28.5	45	3.75
B32S14M85*	2517	**32**	2	142.60	139.81	150	104	102	—	28.5	45	4.80
B34S14M85*	2517	**34**	2	151.51	148.72	158	110	102	—	28.5	45	5.80
B36S14M85	3020	**36**	2	160.43	157.63	166	120	102	—	25.5	51	6.00
B38S14M85	3020	**38**	2	169.34	166.55	177	130	102	—	25.5	51	6.80
B40S14M85	3020	**40**	2	178.25	175.46	186	138	102	—	25.5	51	8.00
B44S14M85	3030	**44**	2	196.08	193.28	209	154	102	—	13	76	11.80
B48S14M85	3030	**48**	2	213.90	211.11	216	172	102	—	13	76	15.10
B56S14M85*	3535	**56**	2	249.56	246.76	261	207	102	—	6.5	89	19.00
B64S14M85*	3535	**64**	5	285.21	282.41	288	243	102	178	6.5	89	23.00
B72S14M85*	3535	**72**	7	320.86	318.06	—	279	102	178	6.5	89	25.00
B80S14M85*	3535	**80**	14	356.51	353.71	—	314	102	178	6.5	89	26.00
B90S14M85*	3535	**90**	14	401.07	398.28	—	359	102	178	6.5	89	27.80
B112 S14M85*	3535	**112**	14	499.11	496.32	—	457	102	178	6.5	89	36.50
B144S14M85*	3535	**144**	14	641.71	638.92	—	600	102	178	6.5	89	48.00

115 mm Belt Width

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B28S14M115*	2517	**28**	2	124.78	121.98	134	98	133	—	44	45	3.77
B29S14M115*	2517	**29**	2	129.23	126.44	134	100	133	—	44	45	4.00
B30S14M115*	2517	**30**	2	133.69	130.90	142	100	133	—	44	45	5.00
B32S14M115*	2517	**32**	2	142.60	139.81	150	104	133	—	44	45	5.80
B34S14M115*	2517	**34**	2	151.51	148.72	158	110	133	—	44	45	6.80
B36S14M115	3020	**36**	2	160.43	157.63	166	120	133	—	41	51	7.00
B38S14M115	3020	**38**	2	169.34	166.55	177	130	133	—	41	51	8.40
B40S14M115	3020	**40**	2	178.25	175.46	186	138	133	—	41	51	9.20
B44S14M115	3030	**44**	2	196.08	193.28	209	154	133	—	28.5	76	14.00
B48S14M115	3030	**48**	2	213.90	211.11	216	172	133	—	28.5	76	17.10
B56S14M115*	3535	**56**	5	249.56	246.76	261	207	133	—	22	89	24.80
B64S14M115*	3535	**64**	5	285.21	282.41	288	243	133	178	22	89	27.00
B72S14M115*	3535	**72**	7	320.86	318.06	—	279	133	178	22	89	29.00
B80S14M115*	3535	**80**	14	356.51	353.71	—	314	133	178	22	89	32.00
B90S14M115*	3535	**90**	14	401.07	398.28	—	359	133	178	22	89	36.50
B112 S14M115*	3535	**112**	14	499.11	496.32	—	457	133	178	22	89	46.00
B144S14M115	4040	**144**	14	641.71	638.92	—	600	133	215	15.5	102	68.00

170 mm Belt Wldth

Part No.	Taper Bushing	Teeth	Type	R mm	S mm	E mm	U mm	W mm	H mm	Z mm	Y mm	Wt. kg
B38S14M170	3030	**38**	2	169.34	166.55	177	130	187	—	55.5	76	11.70
B40S14M170	3030	**40**	2	178.25	175.46	186	138	187	—	55.5	76	13.00
B44S14M170*	3535	**44**	2	196.08	193.28	209	154	187	—	49	89	15.00
B48S14M170*	3535	**48**	2	213.90	211.11	216	172	187	—	49	89	19.00
B56S14M170*	3535	**56**	2	249.56	246.76	261	207	187	—	49	89	28.50
B64S14M170	4040	**64**	2	285.21	282.41	288	243	187	—	42.5	102	41.00
B72S14M170	4040	**72**	2	320.86	318.06	—	279	187	215	42.5	102	46.90
B80S14M170	4040	**80**	7	356.51	353.71	—	314	187	215	42.5	102	48.00
B90S14M170	4040	**90**	14	401.07	398.28	—	359	187	215	42.5	102	52.50
B112S14M170	5050	**112**	14	499.11	496.32	—	457	187	267	30	127	74.50
B144S14M170	5050	**144**	14	641.71	638.92	—	600	187	267	30	127	91.00

Note: * Parts are Cast Iron, manufactured to ISO 5294, DIN 7721. Bushing sold separately.
Requires TL Bushings with BSW threads

Metric V-Belt TL Taper Bushed Sheaves

SPZ, SPA, SPB and SPC Sheaves conform to ISO 4183 and DIN 2211. They can be used with both wedge (narrow) and classical V-belts. These sheaves are cast iron according to DIN 1691. Computer drive selection is available. Please provide power (kw) or horsepower (HP), RPM of driver and driven sheaves, shaft separation, and type of equipment. Sheaves shown are mounted to the shaft with TL taper bushings for both inch and metric bores. TL Bushings are the preferred mounting method for all Metric Drive products, especially drives and equipment from Europe. PTI stocks TL bushings in both inch and metric bores.

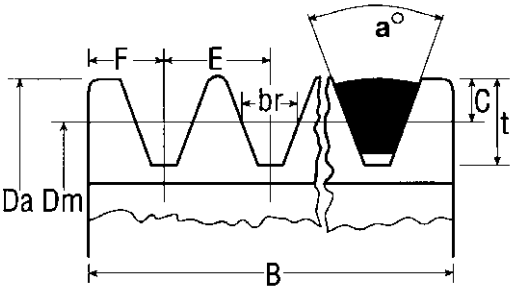
Bored to size sheaves and custom made sheaves are also available on request.

Sheave Width:	**B = E (N-1) + 2F**
Where:	N = No. of grooves, E & F from table
Material:	GG 20-25, Cast Iron
Eccentricity:	O.D. to Bore per DIN 2211
Surface Roughness:	ISO 254
Balance Quality Grade:	ISO 1940

Sheaves with a pitch diameter greater than 132mm are statically balanced. Dynamic Balancing can be supplied to order.

Series	Dm	a°	br	E	F	C	t
SPZ	≤80	34	8.5	12	8	2.00	11
	>80	38					
SPA	≤118	34	11	15	10	2.80	13.80
	>118	38					
SPB	≤190	34	14	19	12.5	3.50	17.50
	>190	38					
SPC	≤315	34	19	25.5	17.0	4.8	23.80
	>315	38					

Dimensions in **mm**





TL Tapered Bushed SP Sheaves for Z, A, B & C Belt Sections



Standard TL Tapered Bushings for SP Sheaves, Timing Pulleys, Sprockets , Couplings & other drive products.

Metric SP Sheave Speed Limitations

All Sheaves with Static Balance over 132mm Ø	30 m/s Rim Speed
Sheaves with Dynamic Balance (630mm Dia. & under)	34 m/s Rim Speed (Spoked Construction) 38 m/s Rim Speed (Solid Construction)
Sheaves with Dynamic Balance (Over 630mm Dia.)	30 m/s Rim Speed for Spoked & Solid Construction

SPZ Metric V-Belt Sheaves - Taper Bushed



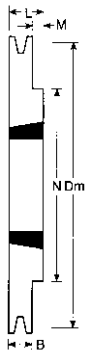


Fig 1

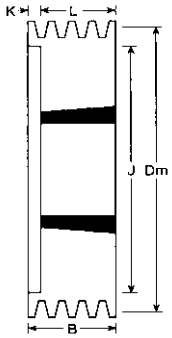


Fig 3

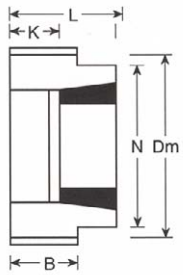


Fig 9

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPZ50 x 1-1008	50	1	1008	25	9	16	26	15	37	—	60	0.3
SPZ50 x 2-1008		2	1008	25	9	28	26	27	49	—	60	0.4
SPZ56 x 1-1008	56	1	1008	25	9	16	30	15	37	—	60	0.4
SPZ56 x 2-1108		2	1108	28	9	28	30	27	49	—	60	0.5
SPZ60 x 1-1008	60	1	1008	25	1	16	—	—	22	6	55	0.5
SPZ60 x 2-1108		2	1108	28	9	28	34	27	49	—	64	0.6
SPZ63 x 1-1108	63	1	1108	28	1	16	—	—	22	6	60	0.2
SPZ63 x 2-1108		2	1108	28	3	28	37	6	22	—	—	0.3
SPZ63 x 3-1108		3	1108	28	3	40	37	18	22	—	—	0.4
SPZ67 x 1-1108	67	1	1108	28	1	16	—	—	22	6	60	0.3
SPZ67 x 2-1108		2	1108	28	3	28	38	6	22	—	—	0.4
SPZ67 x 3-1108		3	1108	28	3	40	38	18	22	—	—	0.5
SPZ71 x 1-1108	71	1	1108	28	1	16	—	—	22	6	60	0.3
SPZ71 x 2-1108		2	1108	28	3	28	42	6	22	—	—	0.4
SPZ71 x 3-1108		3	1108	28	3	40	42	18	22	—	—	0.6
SPZ75 x 1-1108	75	1	1108	28	1	16	—	—	22	6	60	0.4
SPZ75 x 2-1210		2	1210	32	3	28	46	3	25	—	—	0.4
SPZ75 x 3-1210		3	1210	32	3	40	46	15	25	—	—	0.5
SPZ80 x 1-1210	80	1	1210	32	1	16	—	—	26.5	10.5	75	0.5
SPZ80 x 2-1210		2	1210	32	3	28	51	3	25	—	—	0.6
SPZ80 x 3-1210		3	1210	32	3	40	51	15	25	—	—	0.7
SPZ80 x 4-1210		4	1210	32	3	52	51	27	25	—	—	0.8
SPZ85 x 1-1210	85	1	1210	32	1	16	—	—	25	9	83	0.6
SPZ85 x 2-1610		2	1610	42	3	28	56	3	25	—	—	0.5
SPZ85 x 3-1610		3	1610	42	3	40	56	15	25	—	—	0.6
SPZ85 x 4-1610		4	1610	42	3	52	56	27	25	—	—	0.9
SPZ85 x 5-1610		5	1610	42	3	64	56	39	25	—	—	1.0
SPZ90 x 1-1210	90	1	1210	32	1	16	—	—	26.5	10.5	83	0.7
SPZ90 x 2-1610		2	1610	42	3	28	61	3	25	—	—	0.7
SPZ90 x 3-1610		3	1610	42	3	40	61	15	25	—	—	0.8
SPZ90 x 4-1610		4	1610	42	3	52	61	27	25	—	—	1.0
SPZ90 x 5-1610		5	1610	42	3	64	61	39	25	—	—	1.2
SPZ95 x 1-1210	95	1	1210	32	1	16	—	—	26.5	10.5	83	0.7
SPZ95 x 2-1610		2	1610	42	3	28	66	3	25	—	—	0.8
SPZ95 x 3-1610		3	1610	42	3	40	66	15	25	—	—	0.9
SPZ95 x 4-1610		4	1610	42	3	52	66	27	25	—	—	1.1
SPZ95 x 5-1610		5	1610	42	3	64	66	39	25	—	—	1.3

SPZ Metric V-Belt Sheaves - Taper Bushed



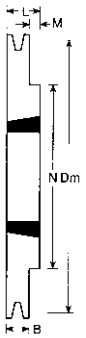


Fig 1

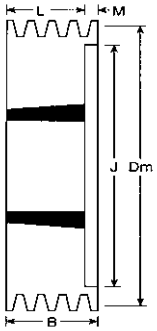


Fig 2

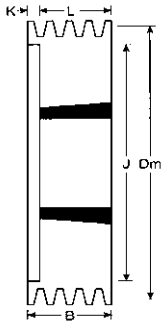


Fig 3

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPZ100 x 1-1210	100	1	1210	32	1	16	—	—	25	9	83	0.8
SPZ100 x 2-1610		2	1610	42	3	28	71	3	25	—	—	0.9
SPZ100 x 3-1610		3	1610	42	3	40	71	15	25	—	—	1.1
SPZ100 x 4-1610		4	1610	42	3	52	71	27	25	—	—	1.1
SPZ100 x 5-2012		5	2012	50	3	64	71	32	32	—	—	1.3
SPZ100 x 6-2012		6	2012	50	3	76	71	44	32	—	—	1.4
SPZ106 x 1-1610	106	1	1610	42	1	16	—	—	25	9	83	0.9
SPZ106 x 2-1610		2	1610	42	3	28	—	—	28	—	—	1.1
SPZ106 x 3-1610		3	1610	42	3	40	77	15	25	—	—	1.3
SPZ106 x 4-1610		4	1610	42	3	52	77	27	25	—	—	1.3
SPZ106 x 5-2012		5	2012	50	3	64	77	32	32	—	—	1.5
SPZ106 x 6-2012		6	2012	50	3	76	77	44	32	—	—	1.6
SPZ112 x 1-1610	112	1	1610	42	1	16	—	—	25	9	92	1.0
SPZ112 x 2-1610		2	1610	42	3	28	83	3	25	—	—	1.3
SPZ112 x 3-2012		3	2012	50	3	40	83	8	32	—	—	1.3
SPZ112 x 4-2012		4	2012	50	3	52	83	20	32	—	—	1.5
SPZ112 x 5-2012		5	2012	50	3	64	83	32	32	—	—	1.8
SPZ112 x 6-2012		6	2012	50	3	76	83	44	32	—	—	1.9
SPZ118 x 1-1610	118	1	1610	42	1	16	—	—	25	9	92	0.9
SPZ118 x 2-1610		2	1610	42	3	28	89	3	25	—	—	1.3
SPZ118 x 3-2012		3	2012	50	3	40	89	8	32	—	—	1.6
SPZ118 x 4-2012		4	2012	50	3	52	89	20	32	—	—	1.8
SPZ118 x 5-2012		5	2012	50	3	64	89	32	32	—	—	1.8
SPZ118 x 6-2517*		6	2517	65	3	76	89	31	45	—	—	2.0
SPZ125 x 1-1610	125	1	1610	42	1	16	—	—	25	9	92	1.0
SPZ125 x 2-1610		2	1610	42	3	28	96	3	25	—	—	1.4
SPZ125 x 3-2012		3	2012	50	2	40	96	—	32	8	—	1.8
SPZ125 x 4-2012		4	2012	50	2	52	96	—	32	20	—	2.2
SPZ125 x 5-2012		5	2012	50	3	64	96	32	32	—	—	2.3
SPZ125 x 6-2517*		6	2517	65	3	76	96	31	45	—	—	2.5
SPZ132 x 1-1610	132	1	1610	42	1	16	—	—	25	9	92	1.1
SPZ132 x 2-1610		2	1610	42	3	28	111	3	25	—	—	1.5
SPZ132 x 3-2012		3	2012	50	2	40	111	—	32	8	—	2.3
SPZ132 x 4-2012		4	2012	50	2	52	111	—	32	20	—	2.5
SPZ132 x 5-2517*		5	2517	65	3	64	111	19	45	—	—	2.7
SPZ132 x 6-2517*		6	2517	65	3	76	111	31	45	—	—	2.9

Note: * Requires bushing with BSW threads.

SPZ Metric V-Belt Sheaves - Taper Bushed



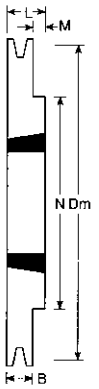


Fig 1

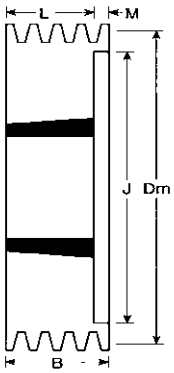


Fig 2

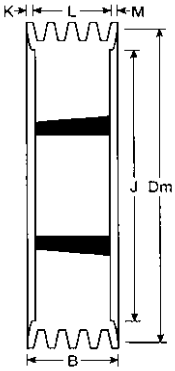


Fig 4

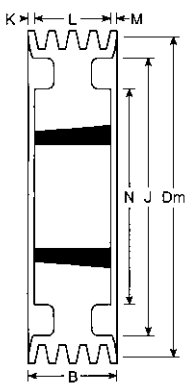


Fig 6

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPZ140 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.2
SPZ140 x 2-1610		2	1610	42	2	28	111	—	25	3	—	1.7
SPZ140 x 3-2012		3	2012	50	2	40	111	—	32	8	—	2.6
SPZ140 x 4-2012	**140**	4	2012	50	2	52	111	—	32	20	—	2.9
SPZ140 x 5-2517*		5	2517	65	2	64	111	—	45	19	—	3.2
SPZ140 x 6-2517*		6	2517	65	2	76	111	—	45	31	—	3.5
SPZ140 x 8-2517*		8	2517	65	4	100	111	27.5	45	27.5	—	4.0
SPZ150 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.2
SPZ150 x 2-2012		2	2012	50	1	28	—	—	33.5	5.5	112	2.0
SPZ150 x 3-2012		3	2012	50	2	40	121	—	32	8	—	3.1
SPZ150 x 4-2517*	**150**	4	2517	65	2	52	121	—	45	7	—	3.7
SPZ150 x 5-2517*		5	2517	65	2	64	121	—	45	19	—	4.0
SPZ150 x 6-2517*		6	2517	65	2	76	121	—	45	31	—	4.4
SPZ150 x 8-2517*		8	2517	65	4	100	121	27.5	45	27.5	—	5.1
SPZ160 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.3
SPZ160 x 2-2012		2	2012	50	1	28	—	—	32	4	112	2.5
SPZ160 x 3-2012		3	2012	50	2	40	131	—	32	8	—	3.6
SPZ160 x 4-2517*	**160**	4	2517	65	2	52	131	—	45	7	—	4.4
SPZ160 x 5-2517*		5	2517	65	2	64	131	—	45	19	—	4.8
SPZ160 x 6-2517*		6	2517	65	2	76	131	—	45	31	—	5.2
SPZ160 x 8-2517*		8	2517	65	4	100	131	27.5	45	27.5	—	5.6
SPZ170 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.5
SPZ170 x 2-2012		2	2012	50	1	28	—	—	32	4	112	2.5
SPZ170 x 3-2012		3	2012	50	6	40	141	—	32	8	112	4.2
SPZ170 x 4-2517*	**170**	4	2517	65	2	52	141	—	45	7	—	5.3
SPZ170 x 5-2517*		5	2517	65	2	64	141	—	45	19	—	5.9
SPZ170 x 6-2517*		6	2517	65	2	76	141	—	45	31	—	6.5
SPZ170 x 8-2517*		8	2517	65	4	100	141	27.5	45	27.5	—	6.8
SPZ180 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.6
SPZ180 x 2-2012		2	2012	50	1	28	—	—	32	4	112	2.5
SPZ180 x 3-2012		3	2012	50	6	40	151	—	32	8	112	4.8
SPZ180 x 4-2517*	**180**	4	2517	65	6	52	151	—	45	7	124	6.1
SPZ180 x 5-2517*		5	2517	65	6	64	151	—	45	19	124	6.3
SPZ180 x 6-2517*		6	2517	65	6	76	151	—	45	31	124	6.8
SPZ180 x 8-3020		8	3020	75	4	100	151	24.5	51	24.5	—	7.1

Note: * Requires bushing with BSW threads

SPZ Metric V-Belt Sheaves - Taper Bushed



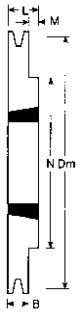


Fig 1

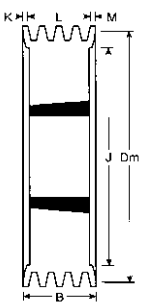


Fig 4

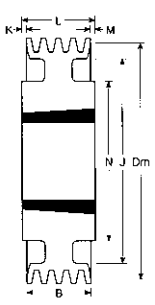


Fig 5

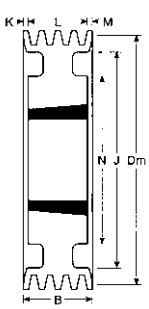


Fig 6

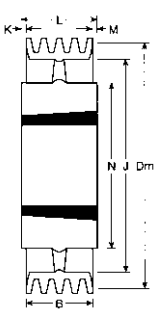


Fig 7

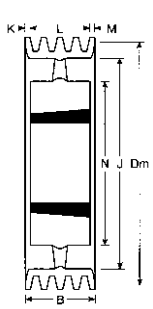


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPZ190 x 1-1610		1	1610	42	1	16	—	—	25	9	92	1.8
SPZ190 x 2-2012		2	2012	50	1	28	—	—	32	4	112	2.6
SPZ190 x 3-2012		3	2012	50	6	40	161	—	32	8	112	4.9
SPZ190 x 4-2517*	**190**	4	2517	65	6	52	161	—	45	7	124	5.3
SPZ190 x 5-2517*		5	2517	65	6	64	161	—	45	19	124	6.3
SPZ190 x 6-2517*		6	2517	65	6	76	161	—	45	31	124	6.9
SPZ190 x 8-3020		8	3020	75	4	100	161	24.5	51	24.5	—	8.2
SPZ200 x 1-2012		1	2012	50	7	16	—	—	32	16	112	2.3
SPZ200 x 2-2012		2	2012	50	7	28	—	—	32	4	112	2.8
SPZ200 x 3-2012		3	2012	50	6	40	171	—	32	8	112	3.5
SPZ200 x 4-2517*	**200**	4	2517	65	6	52	171	3.5	45	3.5	124	4.7
SPZ200 x 5-2517*		5	2517	65	6	64	171	9.5	45	9.5	124	5.5
SPZ200 x 6-2517*		6	2517	65	6	76	171	15.5	45	15.5	124	6.1
SPZ200 x 8-3020		8	3020	75	4	100	171	24.5	51	24.5	—	9.3
SPZ224 x 1-2012		1	2012	50	5	16	195	8	32	8	112	2.5
SPZ224 x 2-2012		2	2012	50	5	28	195	2	32	2	112	3.2
SPZ224 x 3-2012		3	2012	50	6	40	195	4	32	4	112	3.9
SPZ224 x 4-2517*	**224**	4	2517	65	8	52	195	3.5	45	3.5	124	5.2
SPZ224 x 5-2517*		5	2517	65	6	64	195	9.5	45	9.5	124	6.0
SPZ224 x 6-2517*		6	2517	65	6	76	195	15.5	45	15.5	124	6.6
SPZ224 x 8-3020		8	3020	75	4	100	195	24.5	51	24.5	—	11.8
SPZ250 x 1-2012		1	2012	50	7	16	221	8	32	8	112	2.8
SPZ250 x 2-2012		2	2012	50	7	28	221	2	32	2	112	3.5
SPZ250 x 3-2012		3	2012	50	8	40	221	4	32	4	112	4.3
SPZ250 x 4-2517*	**250**	4	2517	65	8	52	221	3.5	45	3.5	124	5.7
SPZ250 x 5-2517*		5	2517	65	8	64	221	9.5	45	9.5	124	6.4
SPZ250 x 6-2517*		6	2517	65	8	76	221	15.5	45	15.5	124	7.0
SPZ250 x 8-3020		8	3020	75	8	100	221	24.5	51	24.5	145	10.5
SPZ280 x 1-2012		1	2012	50	7	16	251	8	32	8	112	2.9
SPZ280 x 2-2012		2	2012	50	7	28	251	2	32	2	112	4.0
SPZ280 x 3-2517*		3	2517	65	7	40	251	2.5	45	2.5	124	5.3
SPZ280 x 4-2517*	**280**	4	2517	65	8	52	251	3.5	45	3.5	124	6.4
SPZ280 x 5-2517*		5	2517	65	8	64	251	9.5	45	9.5	124	7.1
SPZ280 x 6-2517*		6	2517	65	8	76	251	15.5	45	15.5	124	7.8
SPZ280 x 8-3020		8	3020	75	8	100	251	24.5	51	24.5	145	10.8

Note: * Requires bushing with BSW threads.

SPZ Metric V-Belt Sheaves - Taper Bushed



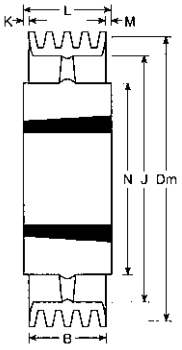


Fig 7

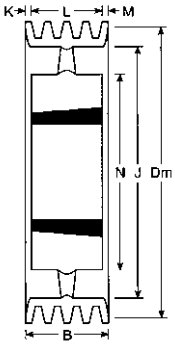


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPZ315 x 1-2012		1	2012	50	7	16	286	8	32	8	112	3.1
SPZ315 x 2-2012		2	2012	50	7	28	286	2	32	2	112	4.2
SPZ315 x 3-2517*		3	2517	65	7	40	286	2.5	45	2.5	124	6.1
SPZ315 x 4-2517*	**315**	4	2517	65	8	52	286	3.5	45	3.5	124	7.6
SPZ315 x 5-2517*		5	2517	65	8	64	286	9.5	45	9.5	124	8.6
SPZ315 x 6-2517*		6	2517	65	8	76	286	15.5	45	15.5	124	9.3
SPZ315 x 8-3020		8	3020	75	8	100	286	24.5	51	24.5	145	12.9
SPZ355 x 1-2012		1	2012	50	7	16	326	8	32	8	112	3.5
SPZ355 x 2-2012		2	2012	50	7	28	326	2	32	2	112	5.1
SPZ355 x 3-2517*		3	2517	65	7	40	326	2.5	45	2.5	124	7.3
SPZ355 x 4-2517*	**355**	4	2517	65	8	52	326	3.5	45	3.5	124	8.9
SPZ355 x 5-2517*		5	2517	65	8	64	326	9.5	45	9.5	124	10.0
SPZ355 x 6-2517*		6	2517	65	8	76	326	15.5	45	15.5	124	10.7
SPZ355 x 8-3030		8	3030	75	8	100	326	12.0	76	12.0	145	16.0
SPZ400 x 1-2012		1	2012	50	7	16	371	8	32	8	112	6.0
SPZ400 x 2-2517*		2	2517	65	7	28	371	8.5	45	8.5	124	6.3
SPZ400 x 3-2517*		3	2517	65	7	40	371	2.5	45	2.5	124	8.0
SPZ400 x 4-2517*	**400**	4	2517	65	8	52	371	3.5	45	3.5	124	10.1
SPZ400 x 5-3020		5	3020	75	8	64	371	6.5	51	6.5	145	11.7
SPZ400 x 6-3020		6	3020	75	8	76	371	12.5	51	12.5	145	14.5
SPZ400 x 8-3030		8	3030	75	8	100	371	12.0	76	12.0	145	18.2
SPZ450 x 1-2517*		1	2517	65	7	16	424	14.5	45	14.5	120	6.1
SPZ450 x 2-2517*		2	2517	65	7	28	424	8.5	45	8.5	120	8.2
SPZ450 x 3-2517*		3	2517	65	7	40	424	2.5	45	2.5	120	9.8
SPZ450 x 4-3020	**450**	4	3020	75	8	52	424	0.5	51	0.5	145	11.8
SPZ450 x 5-3020		5	3020	75	8	64	424	6.5	51	6.5	145	13.9
SPZ450 x 6-3030		6	3030	75	8	76	424	—	76	—	145	16.9
SPZ450 x 8-3535*		8	3535	90	8	100	424	5.5	89	5.5	178	24.0
SPZ500 x 1-2517*		1	2517	65	7	16	471	14.5	45	14.5	124	6.7
SPZ500 x 2-2517*		2	2517	65	7	28	471	8.5	45	8.5	124	9.1
SPZ500 x 3-2517*		3	2517	65	7	40	471	2.5	45	2.5	124	11.4
SPZ500 x 4-3020	**500**	4	3020	75	8	52	471	0.5	51	0.5	159	14.3
SPZ500 x 5-3020		5	3020	75	8	64	471	6.5	51	6.5	145	17.6
SPZ500 x 6-3020		6	3020	75	8	76	471	12.5	51	12.5	145	19.9
SPZ500 x 8-3535*		8	3535	90	8	100	471	5.5	89	5.5	178	26.0
SPZ630 x 2-2517*		2	2517	65	7	28	601	8.5	45	8.5	124	11.7
SPZ630 x 3-2517*		3	2517	65	7	40	601	2.5	45	2.5	124	15.9
SPZ630 x 4-3020	**630**	4	3020	75	8	52	601	0.5	51	0.5	145	20.0
SPZ630 x 5-3020		5	3020	75	8	64	601	6.5	51	6.5	145	22.7
SPZ630 x 6-3535*		6	3535	90	7	76	601	6.5	89	6.5	178	33.6
SPZ630 x 8-3535*		8	3535	90	8	100	601	5.5	89	5.5	178	35.8

Note: * Requires bushing with BSW threads.

SPA Metric V-Belt Sheaves - Taper Bushed



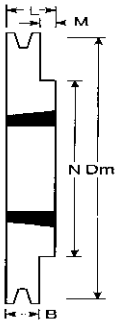


Fig 1

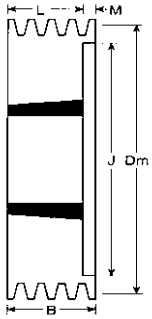


Fig 2

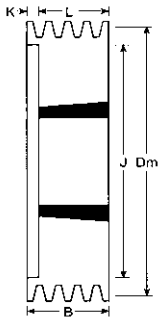


Fig 3

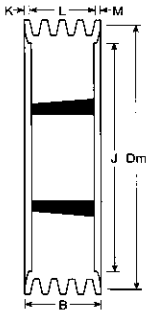


Fig 4

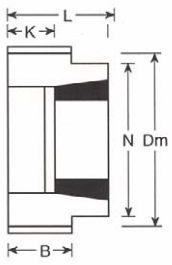


Fig 9

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPA63 x 1-1108	63	1	1108	28	9	20	31	18	40	—	68.5	0.6
SPA63 x 2-1108		2	1108	28	9	35	31	33	55	—	68.5	0.8
SPA67 x 1-1108	67	1	1108	28	1	20	—	—	22	2	60	0.3
SPA67 x 2-1108		2	1108	28	3	35	35	13	22	—	—	0.5
SPA71 x 1-1108	71	1	1108	28	1	20	—	—	22	2	60	0.3
SPA71 x 2-1108		2	1108	28	3	35	39	13	22	—	—	0.5
SPA71 x 3-1108		3	1108	28	3	50	39	28	22	—	—	0.7
SPA75 x 1-1108	75	1	1108	28	1	20	—	—	22	2	60	0.4
SPA75 x 2-1108		2	1108	28	3	35	43	13	22	—	—	0.6
SPA75 x 3-1108		3	1108	28	3	50	43	28	22	—	—	0.8
SPA80 x 1-1210	80	1	1210	32	1	20	—	—	25	5	80	0.5
SPA80 x 2-1210		2	1210	32	3	35	50	10	25	—	—	0.6
SPA80 x 3-1210		3	1210	32	3	50	50	25	25	—	—	0.9
SPA85 x 1-1210	85	1	1210	32	1	20	—	—	25	5	80	0.6
SPA85 x 2-1210		2	1210	32	3	35	55	10	25	—	—	0.7
SPA85 x 3-1210		3	1210	32	3	50	55	25	25	—	—	1.0
SPA90 x 1-1210	90	1	1210	32	1	20	—	—	25	5	80	0.7
SPA90 x 2-1610		2	1610	42	3	35	60	10	25	—	—	0.7
SPA90 x 3-1610		3	1610	42	3	50	60	23.5	26.5	—	—	1.0
SPA90 x 4-1610		4	1610	42	3	65	60	40	25	—	—	1.2
SPA95 x 1-1210	95	1	1210	32	1	20	—	—	25	5	80	0.8
SPA95 x 2-1610		2	1610	42	3	35	65	10	25	—	—	0.9
SPA95 x 3-1610		3	1610	42	3	50	65	23.5	26.5	—	—	1.1
SPA95 x 4-1610		4	1610	42	3	65	65	40	25	—	—	1.4
SPA100 x 1-1610	100	1	1610	42	1	20	—	—	25	5	92	0.8
SPA100 x 2-1610		2	1610	42	3	35	65	10	25	—	—	0.9
SPA100 x 3-1610		3	1610	42	2	50	65	—	25	25	—	1.2
SPA100 x 4-1610		4	1610	42	2	65	65	—	25	40	—	1.7
SPA100 x 5-1610		5	1610	42	3	80	65	55	25	—	—	1.9
SPA100 x 6-1610		6	1610	42	4	95	65	30	25	40	—	2.3
SPA106 x 1-1610	106	1	1610	42	1	20	—	—	25	5	92	0.9
SPA106 x 2-1610		2	1610	42	3	35	70	10	25	—	—	1.1
SPA106 x 3-1610		3	1610	42	2	50	70	—	25	25	—	1.4
SPA106 x 4-2012		4	2012	50	3	65	70	33	32	—	—	2.0
SPA106 x 5-2012		5	2012	50	3	80	70	48	32	—	—	2.0
SPA106 x 6-2012		6	2012	50	3	95	70	63	32	—	—	2.4
SPA112 x 1-1610	112	1	1610	42	1	20	—	—	25	5	92	1.0
SPA112 x 2-1610		2	1610	42	3	35	77	10	25	—	—	1.2
SPA112 x 3-2012		3	2012	50	3	50	77	18	32	—	—	1.3
SPA112 x 4-2012		4	2012	50	3	65	77	33	32	—	—	1.9
SPA112 x 5-2012		5	2012	50	3	80	77	48	32	—	—	2.1
SPA112 x 6-2012		6	2012	50	3	95	77	63	32	—	—	2.4
SPA118 x 1-1610	118	1	1610	42	1	20	—	—	25	5	85	1.2
SPA118 x 2-1610		2	1610	42	3	35	84	10	25	—	—	1.4
SPA118 x 3-2012		3	2012	50	2	50	84	—	32	18	—	1.8
SPA118 x 4-2012		4	2012	50	2	65	84	—	32	33	—	2.0
SPA118 x 5-2012		5	2012	50	2	80	84	—	32	48	—	2.4
SPA118 x 6-2012		6	2012	50	3	95	84	63	32	—	—	2.7

SPA Metric V-Belt Sheaves - Taper Bushed



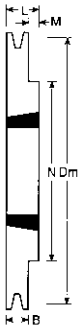


Fig 1

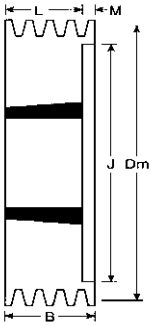


Fig 2

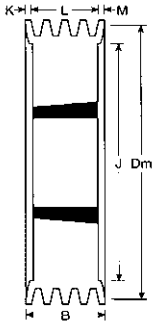


Fig 4

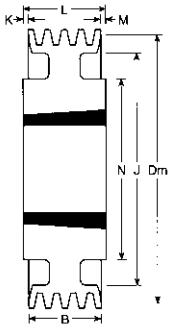


Fig 5

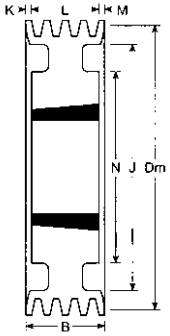


Fig 6

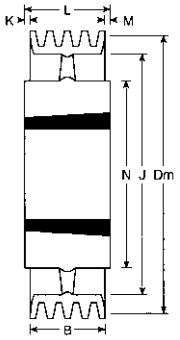


Fig 7

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPA125 x 1-1610	125	1	1610	42	1	20	—	—	25	5	92	1.4
SPA125 x 2-1610		2	1610	42	2	35	90	—	25	10	—	1.7
SPA125 x 3-2012		3	2012	50	2	50	90	—	32	18	—	2.0
SPA125 x 4-2012		4	2012	50	2	65	90	—	32	33	—	2.5
SPA125 x 5-2012		5	2012	50	2	80	90	—	32	48	—	2.7
SPA125 x 6-2012		6	2012	50	4	95	90	31.5	32	31.5	—	3.0
SPA132 x 1-1610	132	1	1610	42	1	20	—	—	26.5	6.5	92	1.6
SPA132 x 2-2012		2	2012	50	2	35	98	—	32	3	—	1.8
SPA132 x 3-2012		3	2012	50	2	50	98	—	32	18	—	2.3
SPA132 x 4-2517*		4	2517	65	2	65	98	—	45	20	—	2.6
SPA132 x 5-2517*		5	2517	65	2	80	98	—	45	35	—	2.9
SPA132 x 6-2517*		6	2517	65	4	95	98	25	45	25	—	3.3
SPA140 x 1-1610	140	1	1610	42	1	20	—	—	25	5	92	1.2
SPA140 x 2-2012		2	2012	50	2	35	105	—	32	3	—	1.7
SPA140 x 3-2517*		3	2517	65	2	50	105	—	45	5	—	2.6
SPA140 x 4-2517*		4	2517	65	2	65	105	—	45	20	—	2.9
SPA140 x 5-2517*		5	2517	65	2	80	105	—	45	35	—	3.4
SPA140 x 6-2517*		6	2517	65	4	95	105	25	45	25	—	3.8
SPA150 x 1-1610	150	1	1610	42	1	20	—	—	25	5	92	1.2
SPA150 x 2-2012		2	2012	50	2	35	115	—	32	3	—	2.0
SPA150 x 3-2517*		3	2517	65	2	50	115	—	45	5	—	3.1
SPA150 x 4-2517*		4	2517	65	2	65	115	—	45	20	—	3.8
SPA150 x 5-2517*		5	2517	65	2	80	115	—	45	35	—	4.2
SPA150 x 6-2517*		6	2517	65	4	95	115	25	45	25	—	4.8
SPA160 x 1-1610	160	1	1610	42	5	20	125	—	25	5	92	1.9
SPA160 x 2-2012		2	2012	50	2	35	125	—	32	3	—	2.9
SPA160 x 3-2517*		3	2517	65	2	50	125	—	45	5	—	3.9
SPA160 x 4-2517*		4	2517	65	2	65	125	—	45	20	—	4.4
SPA160 x 5-2517*		5	2517	65	2	80	125	—	45	35	—	5.1
SPA160 x 6-2517*		6	2517	65	4	95	125	25	45	25	—	5.8
SPA170 x 1-1610	170	1	1610	42	5	20	135	—	25	5	92	2.0
SPA170 x 2-2012		2	2012	50	2	35	135	—	32	3	—	3.1
SPA170 x 3-2517*		3	2517	65	2	50	135	—	45	5	—	4.6
SPA170 x 4-2517*		4	2517	65	2	65	135	—	45	20	—	5.5
SPA170 x 5-3020		5	3020	75	2	80	135	—	51	29	—	5.9
SPA170 x 6-3020		6	3020	75	4	95	135	22	51	22	3	6.5
SPA180 x 1-1610	180	1	1610	42	5	20	145	—	25	5	92	2.1
SPA180 x 2-2012		2	2012	50	6	35	145	—	32	3	110	3.4
SPA180 x 3-2517*		3	2517	65	2	50	145	—	45	5	—	5.1
SPA180 x 4-2517*		4	2517	65	2	65	145	—	45	20	—	5.9
SPA180 x 5-3020		5	3020	75	2	80	145	—	51	29	—	6.2
SPA180 x 6-3020		6	3020	75	4	95	145	22	51	22	—	6.7
SPA190 x 1-1610	190	1	1610	42	7	20	155	—	25	5	92	2.3
SPA190 x 2-2012		2	2012	55	6	35	155	—	32	3	110	3.8
SPA190 x 3-2517*		3	2517	65	2	50	155	—	45	5	—	5.4
SPA190 x 4-2517*		4	2517	65	2	65	155	—	45	20	—	6.8
SPA190 x 5-3020		5	3020	75	2	80	155	—	51	29	—	7.4
SPA190 x 6-3020		6	3020	75	4	95	155	22	51	22	—	8.1

Note: * Requires bushing with BSW threads.

SPA Metric V-Belt Sheaves - Taper Bushed



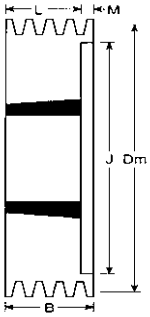


Fig 2

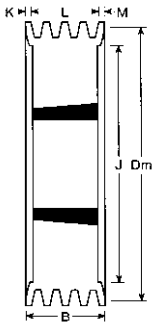


Fig 4

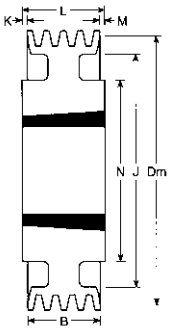


Fig 5

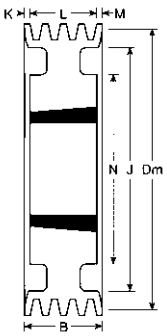


Fig 6

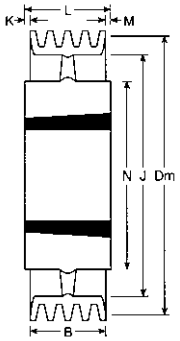


Fig 7

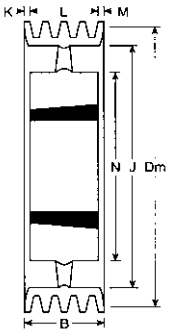


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPA200 x 1-2012	200	1	2012	50	7	20	165	—	32	12	112	2.6
SPA200 x 2-2517*		2	2517	65	5	35	165	—	45	10	124	4.1
SPA200 x 3-2517*		3	2517	65	6	50	165	—	45	5	124	4.9
SPA200 x 4-3020		4	3020	75	2	65	165	—	51	14	—	7.4
SPA200 x 5-3020		5	3020	75	4	80	165	14.5	51	14.5	—	8.4
SPA200 x 6-3020		6	3020	75	4	95	165	22	51	22	—	9.4
SPA212 x 1-2012	212	1	2012	50	5	20	177	—	32	12	112	2.7
SPA212 x 2-2517*		2	2517	65	5	35	177	—	45	10	124	4.3
SPA212 x 3-2517*		3	2517	65	8	50	177	—	45	5	124	5.2
SPA212 x 4-3020		4	3020	75	2	65	177	—	51	14	—	7.3
SPA212 x 5-3020		5	3020	75	2	80	177	—	51	29	—	8.2
SPA212 x 6-3020		6	3020	75	4	95	177	22	51	22	—	9.2
SPA224 x 1-2012	224	1	2012	50	7	20	189	—	32	12	112	2.7
SPA224 x 2-2517*		2	2517	65	7	35	189	—	45	10	124	4.4
SPA224 x 3-2517*		3	2517	65	8	50	189	2.5	45	2.5	124	5.5
SPA224 x 4-3020		4	3020	75	2	65	189	—	52.5	12.5	—	7.4
SPA224 x 5-3020		5	3020	75	2	80	189	—	52.5	27.5	—	8.3
SPA224 x 6-3020		6	3020	75	4	95	189	22	51	22	—	9.4
SPA236 x 1-2012	236	1	2012	50	7	20	201	—	32	12	112	2.8
SPA236 x 2-2517*		2	2517	65	5	35	201	—	45	10	124	4.6
SPA236 x 3-2517*		3	2517	65	8	50	201	2.5	45	2.5	124	5.7
SPA236 x 4-3020		4	3020	75	2	65	201	—	52.5	12.5	—	7.8
SPA236 x 5-3020		5	3020	75	2	80	201	—	52.5	27.5	—	8.7
SPA236 x 6-3020		6	3020	75	4	95	201	22	51	22	—	9.7
SPA250 x 1-2012	250	1	2012	50	7	20	215	—	32	12	112	2.9
SPA250 x 2-2517*		2	2517	65	7	35	215	—	45	10	124	4.8
SPA250 x 3-2517*		3	2517	65	8	50	215	2.5	45	2.5	124	5.9
SPA250 x 4-3020		4	3020	75	6	65	215	7	51	7	159	8.0
SPA250 x 5-3020		5	3020	75	6	80	215	14.5	51	14.5	159	9.0
SPA250 x 6-3020		6	3020	75	6	95	215	22	51	22	159	10.0
SPA265 x 1-2012	265	1	2012	50	7	20	230	—	32	12	112	3.1
SPA265 x 2-2517*		2	2517	65	7	35	230	—	45	10	124	5.1
SPA265 x 3-2517*		3	2517	65	8	50	230	2.5	45	2.5	159	6.3
SPA265 x 4-3020		4	3020	75	6	65	230	7	51	7	159	8.4
SPA265 x 5-3020		5	3020	75	6	80	230	14.5	51	14.5	159	9.5
SPA265 x 6-3020		6	3020	75	6	95	230	22	51	22	159	10.5
SPA280 x 1-2012	280	1	2012	50	7	20	248	—	32	12	112	3.3
SPA280 x 2-2517*		2	2517	65	7	35	248	—	45	10	124	5.4
SPA280 x 3-2517*		3	2517	65	6	50	248	2.5	45	2.5	159	6.7
SPA280 x 4-3020		4	3020	75	6	65	248	7	51	7	159	8.8
SPA280 x 5-3535		5	3535	90	5	80	248	4.5	89	4.5	178	15.5
SPA280 x 6-3525*		6	3525	90	6	95	248	15	65	14	178	14.5
SPA300 x 1-2012	300	1	2012	50	7	20	265	—	32	12	112	3.5
SPA300 x 2-2517*		2	2517	65	7	35	265	—	45	10	124	5.8
SPA300 x 3-3020		3	3020	75	5	50	265	0.5	51	0.5	159	7.4
SPA300 x 4-3020		4	3020	75	6	65	265	7	51	7	159	9.3
SPA300 x 5-3535*		5	3535	90	5	80	265	4.5	89	4.5	178	16.2
SPA300 x 6-3525*		6	3525	90	6	95	265	15	65	15	178	15.5

Note: * Requires bushing with BSW threads.

SPA Metric V-Belt Sheaves - Taper Bushed



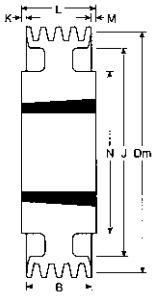


Fig 5

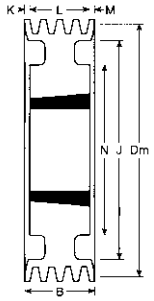


Fig 6

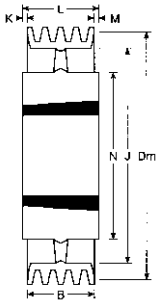


Fig 7

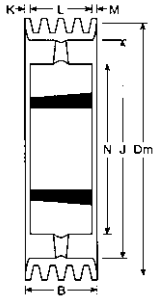


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPA315 x 1-2012	315	1	2012	50	7	20	280	—	32	12	112	3.6
SPA315 x 2-2517*		2	2517	65	7	35	280	—	45	10	124	6.0
SPA315 x 3-3020		3	3020	75	5	50	280	0.5	51	0.5	159	8.3
SPA315 x 4-3020		4	3020	75	6	65	280	7	51	7	159	9.7
SPA315 x 5-3535*		5	3535	90	5	80	280	4.5	89	4.5	178	17.0
SPA315 x 6-3535*		6	3535	90	6	95	280	15	65	15	178	17.5
SPA355 x 1-2012	355	1	2012	50	7	20	320	—	32	12	112	4.2
SPA355 x 2-2517*		2	2517	65	7	35	320	—	45	10	124	6.7
SPA355 x 3-3020		3	3020	75	7	50	320	0.5	51	0.5	159	9.2
SPA355 x 4-3020		4	3020	75	8	65	320	7	51	7	159	11.0
SPA355 x 5-3535*		5	3535	90	7	80	320	4.5	89	4.5	178	18.6
SPA355 x 6-3535*		6	3535	90	8	95	320	15	65	15	178	19.0
SPA400 x 1-2012	400	1	2012	50	7	20	365	—	32	12	112	4.9
SPA400 x 2-2517*		2	2517	65	7	35	365	—	45	10	124	8.1
SPA400 x 3-3020		3	3020	75	7	50	365	0.5	51	0.5	159	11.0
SPA400 x 4-3020		4	3020	75	8	65	365	7	51	7	159	12.8
SPA400 x 5-3535*		5	3535	90	7	80	365	4.5	89	4.5	178	21.0
SPA400 x 6-3535*		6	3535	90	8	95	365	15	65	15	178	22.0
SPA450 x 1-2012	450	1	2012	50	7	20	418	—	32	12	112	7.0
SPA450 x 2-2517*		2	2517	65	7	35	418	—	45	10	124	10.3
SPA450 x 3-3020		3	3020	75	7	50	418	0.5	51	0.5	159	14.1
SPA450 x 4-3020		4	3020	75	8	65	418	7	51	7	159	15.5
SPA450 x 5-3535*		5	3535	90	7	80	418	4.5	89	4.5	178	24.3
SPA450 x 6-3535*		6	3535	90	8	95	418	15	65	15	178	25.2
SPA500 x 1-2517*	500	1	2517	65	7	20	465	—	45	25	124	8.0
SPA500 x 2-2517*		2	2517	65	7	35	465	—	45	10	124	11.6
SPA500 x 3-3020		3	3020	75	7	50	465	0.5	51	0.5	159	16.0
SPA500 x 4-3020		4	3020	75	8	65	465	7	51	7	159	18.2
SPA500 x 5-3535*		5	3535	90	7	80	465	4.5	89	4.5	178	27.3
SPA500 x 6-3535*		6	3535	90	8	95	465	15	65	15	178	28.0
SPA560 x 1-2517*	560	1	2517	65	7	20	525	—	45	25	124	11.6
SPA560 x 2-3020		2	3020	75	7	35	525	—	51	16	159	15.5
SPA560 x 3-3020		3	3020	75	7	50	525	0.5	51	0.5	159	17.8
SPA560 x 4-3535*		4	3535	90	7	65	525	12	89	12	178	26.7
SPA560 x 5-3535*		5	3535	90	7	80	525	4.5	89	4.5	178	30.4
SPA560 x 6-3535*		6	3535	90	8	95	525	15	65	15	178	31.5
SPA630 x 1-2517*	630	1	2517	65	7	20	595	—	45	25	124	10.1
SPA630 x 2-3020		2	3020	75	7	35	595	—	51	16	159	16.0
SPA630 x 3-3020		3	3020	75	7	50	595	0.5	51	0.5	159	22.0
SPA630 x 4-3535*		4	3535	90	7	65	595	12	89	12	178	3.08
SPA630 x 5-3535*		5	3535	90	7	80	595	4.5	89	4.5	178	33.7
SPA630 x 6-4040		6	4040	100	8	95	595	9.5	76	9.5	216	42.0
SPA800 x 2-3535*	800	2	3535	90	7	35	766	27	89	27	178	29.3
SPA800 x 3-3535*		3	3535	90	7	50	766	19.5	89	19.5	178	34.5
SPA800 x 4-3535*		4	3535	90	7	65	766	12	89	12	178	39.0
SPA800 x 5-4040		5	4040	100	7	80	766	11	102	11	216	54.0
SPA800 x 6-4040		6	4040	100	8	95	766	9.5	76	9.5	216	55.0
SPA900 x 3-3535*	900	3	3535	90	7	50	866	19.5	89	19.5	178	39.3
SPA900 x 4-3535*		4	3535	90	7	65	866	12	89	12	178	45.5
SPA900 x 5-4040		5	4040	100	7	80	866	11	102	11	216	58.7

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed



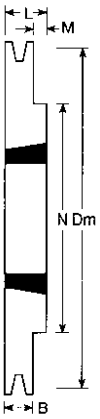


Fig 1

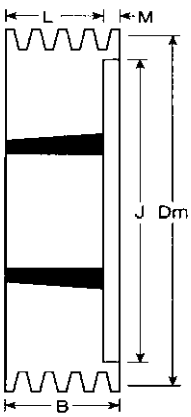


Fig 2

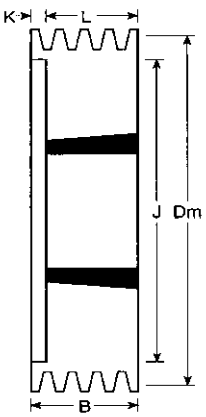


Fig 3

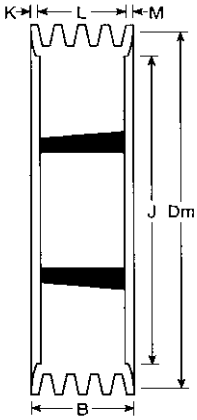


Fig 4

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB100 x 1-1610		1	1610	42	1	25	—	—	25	—	—	0.9
SPB100 x 2-1610	**100**	2	1610	42	3	44	62	19	25	—	—	1.2
SPB100 x 3-1610		3	1610	42	3	63	62	38	25	—	—	1.7
SPB112 x 1-1610		1	1610	42	1	25	—	—	25	—	—	1.1
SPB112 x 2-1610	**112**	2	1610	42	3	44	75	19	25	—	—	1.5
SPB112 x 3-1610		3	1610	42	3	63	75	38	25	—	—	2.0
SPB118 x 1-1610		1	1610	42	1	25	—	—	25	—	92	1.3
SPB118 x 2-1610	**118**	2	1610	42	3	44	81	19	25	—	—	1.7
SPB118 x 3-1610		3	1610	42	3	63	81	38	25	—	—	2.3
SPB125 x 1-1610		1	1610	42	1	25	—	—	25	—	92	1.5
SPB125 x 2-2012		2	2012	50	2	44	85	—	32	12	—	1.9
SPB125 x 3-2012	**125**	3	2012	50	2	63	85	-	32	31	—	2.4
SPB125 x 4-2012		4	2012	50	4	82	85	25	32	25	—	3.0
SPB125 x 5-2012		5	2012	50	3	101	85	69	32	—	—	3.5
SPB132 x 1-1610		1	1610	42	1	25	—	—	25	—	92	1.8
SPB132 x 2-2012		2	2012	50	2	44	92	—	32	12	—	2.2
SPB132 x 3-2012	**132**	3	2012	50	2	63	92	—	32	31	—	2.8
SPB132 x 4-2012		4	2012	50	4	82	92	25	32	25	—	3.4
SPB132 x 5-2012		5	2012	50	4	101	92	34.5	32	34.5	—	3.7
SPB140 x 1-1610		1	1610	42	1	25	—	—	25	—	92	2.3
SPB140 x 2-2012		2	2012	50	2	44	100	—	32	12	—	2.7
SPB140 x 3-2012	**140**	3	2012	50	2	63	100	—	32	31	—	3.3
SPB140 x 4-2517*		4	2517	65	2	82	100	—	45	37	—	3.7
SPB140 x 5-2517*		5	2517	65	2	101	100	—	45	56	—	4.5
SPB140 x 6-2517*		6	2517	65	4	120	100	37.5	45	37.5	—	4.6
SPB150 x 1-1610		1	1610	42	1	25	—	—	25	—	92	2.7
SPB150 x 2-2012		2	2012	50	2	44	110	—	32	12	—	3.1
SPB150 x 3-2517*	**150**	3	2517	65	2	63	110	—	45	18	—	3.9
SPB150 x 4-2517*		4	2517	65	2	82	110	—	45	37	—	4.4
SPB150 x 5-2517*		5	2517	65	4	101	110	28	45	28	—	5.2
SPB150 x 6-2517*		6	2517	65	4	120	110	37.5	45	37.5	—	5.6

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed



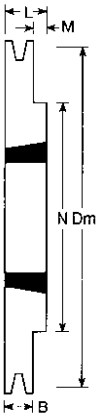


Fig 1

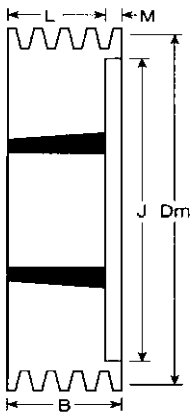


Fig 2

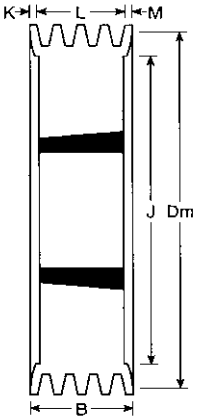


Fig 4

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB160 x 1-1610	160	1	1610	42	1	25	—	—	25	—	92	2.5
SPB160 x 2-2012		2	2012	50	2	44	114	—	32	12	—	2.9
SPB160 x 3-2517*		3	2517	65	2	63	114	—	45	18	—	4.2
SPB160 x 4-2517*		4	2517	65	4	82	114	18.5	45	18.5	—	4.9
SPB160 x 5-2517*		5	2517	65	4	101	114	28	45	28	—	6.0
SPB160 x 6-3020		6	3020	75	4	120	114	34.5	51	34.5	—	5.4
SPB170 x 1-1610	170	1	1610	42	1	25	—	—	25	—	92	2.9
SPB170 x 2-2012		2	2012	50	2	44	124	—	32	12	—	3.3
SPB170 x 3-2517*		3	2517	65	2	63	124	—	45	18	—	4.9
SPB170 x 4-2517*		4	2517	65	4	82	124	18.5	45	18.5	—	5.7
SPB170 x 5-3020		5	3020	75	4	101	124	25	51	25	—	6.1
SPB170 x 6-3020		6	3020	75	4	120	124	34.5	51	34.5	—	6.5
SPB170 x 8-3030		8	3030	75	4	158	129	41	76	41	—	9.5
SPB180 x 1-1610	180	1	1610	42	1	25	—	—	25	—	92	4.1
SPB180 x 2-2517*		2	2517	65	1	44	134	—	45	1	—	4.5
SPB180 x 3-2517*		3	2517	65	2	63	134	—	45	18	—	5.5
SPB180 x 4-2517*		4	2517	65	4	82	134	18.5	45	18.5	—	6.9
SPB180 x 5-3020		5	3020	75	4	101	134	25	51	25	—	7.1
SPB180 x 6-3020		6	3020	75	4	120	134	34.5	51	34.5	—	7.7
SPB180 x 8-3030		8	3030	75	4	158	139	41	76	41	—	11.2
SPB190 x 1-2012	190	1	2012	50	1	25	—	—	32	7	112	4.6
SPB190 x 2-2517*		2	2517	65	1	44	—	—	45	1	124	5.0
SPB190 x 3-2517*		3	2517	65	2	63	144	—	45	18	—	6.3
SPB190 x 4-2517*		4	2517	65	4	82	144	18.5	45	18.5	—	7.6
SPB190 x 5-3020		5	3020	75	4	101	144	25	51	25	—	8.1
SPB190 x 6-3020		6	3020	75	4	120	144	34.5	51	34.5	—	9.2
SPB190 x 8-3020		8	3020	75	4	158	149	41	76	41	—	12.4
SPB200 x 1-2012	200	1	2012	50	1	25	—	—	32	7	95	5.0
SPB200 x 2-2517*		2	2517	65	1	44	—	—	45	1	124	5.4
SPB200 x 3-2517*		3	2517	65	2	63	154	—	45	18	—	6.5
SPB200 x 4-3020		4	3020	75	2	82	154	—	51	31	—	8.8
SPB200 x 5-3020		5	3020	75	2	101	154	—	51	50	—	9.1
SPB200 x 6-3020		6	3020	75	4	120	154	34.5	51	34.5	—	10.3
SPB200 x 8-3535*		8	3535	90	4	158	159	34.5	89	34.5	—	13.5

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed

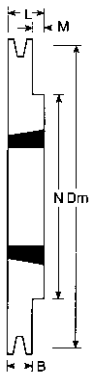


Fig 1

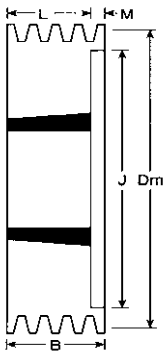


Fig 2

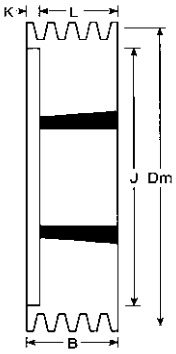


Fig 3

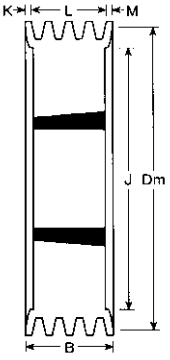


Fig 4

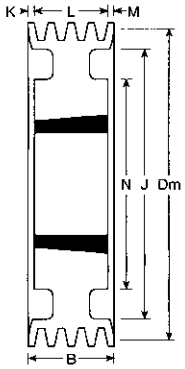


Fig 6

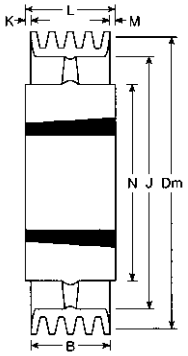


Fig 7

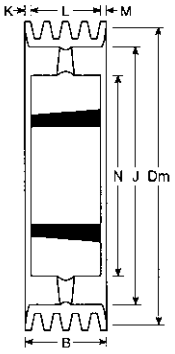


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB212 x 1-2012		1	2012	50	7	25	—	—	32	7	95	4.2
SPB212 x 2-2517*		2	2517	65	1	44	—	—	45	1	124	4.9
SPB212 x 3-2517*		3	2517	65	2	63	166.5	—	45	18	—	6.0
SPB212 x 4-3020	**212**	4	3020	75	2	82	166.5	—	51	31	—	9.8
SPB212 x 5-3020		5	3020	75	2	101	166.5	—	51	50	—	11.0
SPB212 x 6-3535*		6	3535	90	4	120	166.5	15.5	89	15.5	—	14.3
SPB212 x 8-3535*		8	3535	90	4	158	171	34.5	89	34.5	—	16.6
SPB224 x 1-2012		1	2012	50	1	25	—	—	32	7	95	4.7
SPB224 x 2-2517*		2	2517	65	1	44	—	—	45	1	124	5.3
SPB224 x 3-2517*		3	2517	65	2	63	178	—	45	18	—	6.3
SPB224 x 4-3020	**224**	4	3020	75	2	82	178	—	51	31	—	11.3
SPB224 x 5-3020		5	3020	75	2	101	178	—	51	50	—	12.7
SPB224 x 6-3535*		6	3535	90	4	120	178	15.5	89	15.5	—	17.0
SPB224 x 8-3535*		8	3535	90	4	158	184	34.5	89	34.5	—	19.3
SPB224 x 10-3535*		10	3535	90	4	196	184	46	89	61	—	21.8
SPB236 x 1-2012		1	2012	50	1	25	198	—	32	7	95	5.0
SPB236 x 2-2517*		2	2517	65	1	44	198	—	45	1	—	5.5
SPB236 x 3-2517*		3	2517	65	8	63	198	—	45	18	—	7.0
SPB236 x 4-3020	**236**	4	3020	75	8	82	198	15.5	51	15.5	—	14.5
SPB236 x 5-3535*		5	3535	90	3	101	198	—	89	12	—	16.9
SPB236 x 6-3535*		6	3535	90	4	120	198	15.5	89	15.5	—	20.0
SPB236 x 8-3535*		8	3535	90	4	158	198	34.5	89	34.5	—	22.3
SPB236 x 10-3535*		10	3535	90	4	196	198	53.5	89	53.5	—	25.3
SPB250 x 1-2012		1	2012	50	1	25	212	—	32	7	—	5.4
SPB250 x 2-2517*		2	2517	65	7	44	—	—	45	1	124	5.5
SPB250 x 3-3020		3	3020	75	2	63	204	—	51	12	—	7.7
SPB250 x 4-3020	**250**	4	3020	75	2	82	204	—	51	31	—	19.6
SPB250 x 5-3535*		5	3535	90	2	101	204	—	89	12	—	21.7
SPB250 x 6-3535*		6	3535	90	4	120	204	15.5	89	15.5	—	23.3
SPB250 x 8-3535*		8	3535	90	4	158	204	34.5	89	34.5	—	27.5
SPB250 x 10-3535*		10	3535	90	4	196	204	46	89	61	—	29.3
SPB265 x 2-2517*		2	2517	65	7	44	224	0.5	45	0.5	124	6.2
SPB265 x 3-3020		3	3020	75	6	63	224	6	51	6	159	8.0
SPB265 x 4-3020	**265**	4	3020	75	6	82	224	15.5	51	15.5	519	9.5
SPB265 x 5-3525		5	3525	90	6	101	224	18	65	18	178	17.0
SPB265 x 6-3525		6	3525	90	6	120	224	27.5	65	27.5	178	16.7
SPB265 x 8-3525		8	3525	90	6	158	224	46.5	65	46.5	178	24.0

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed



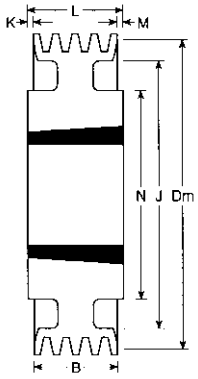


Fig 5

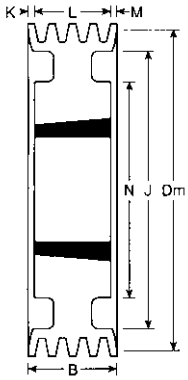


Fig 6

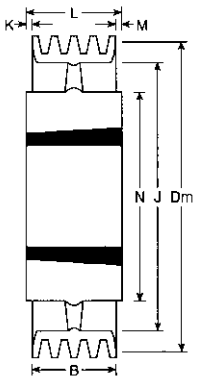


Fig 7

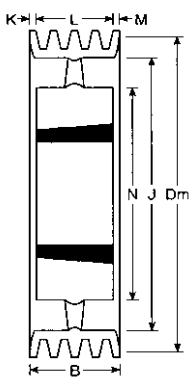


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB280 x 1-2012	280	1	2012	50	7	25	242	—	32	7	95	6.2
SPB280 x 2-2517*		2	2517	65	7	44	242	0.5	45	0.5	124	6.8
SPB280 x 3-3020		3	3020	75	8	63	242	6	51	6	159	8.6
SPB280 x 4-3020		4	3020	75	6	82	242	15.5	51	15.5	159	10.1
SPB280 x 5-3535*		5	3535	90	6	101	239	6	89	6	178	17.8
SPB280 x 6-3535*		6	3535	90	6	120	239	15.5	89	15.5	178	19.6
SPB280 x 8-3535*		8	3535	90	6	158	239	34.5	89	34.5	—	26.7
SPB280 x 10-3535*		10	3535	90	6	196	239	46	89	61	—	30.5
SPB300 x 1-2012	300	1	2012	50	7	25	262	—	32	7	95	6.8
SPB300 x 2-2517*		2	2517	65	7	44	262	0.5	45	0.5	124	7.3
SPB300 x 3-3020		3	3020	75	8	63	262	6	51	6	159	9.2
SPB300 x 4-3020		4	3020	75	6	82	262	15.5	51	15.5	159	14.3
SPB300 x 5-3535*		5	3535	90	6	101	259	6	89	6	178	18.2
SPB300 x 6-3535*		6	3535	90	6	120	259	15.5	89	15.5	178	21.9
SPB300 x 8-3535*		8	3535	90	6	158	259	34.5	89	34.5	180	26.2
SPB315 x 1-2012	315	1	2012	50	7	25	277	—	32	7	95	7.2
SPB315 x 2-2517*		2	2517	65	7	44	269	0.5	45	0.5	124	7.8
SPB315 x 3-3020		3	3020	75	8	63	269	6	51	6	159	9.6
SPB315 x 4-3535*		4	3535	90	5	82	269	3.5	89	3.5	178	17.1
SPB315 x 5-3535*		5	3535	90	6	101	269	6	89	6	178	18.8
SPB315 x 6-3535*		6	3535	90	6	120	269	15.5	89	15.5	178	23.0
SPB315 x 8-3535*		8	3535	90	6	158	274	34.5	89	34.5	180	26.0
SPB315 x 10-3535*		10	3535	90	6	196	274	53.5	89	53.5	180	31.5
SPB335 x 2-2517*	335	2	2517	65	7	44	297	—	45	1	120	7.8
SPB335 x 3-3020		3	3020	75	8	63	297	6	51	6	145	10.5
SPB335 x 4-3535*		4	3535	90	7	82	297	3.5	89	3.5	178	18.3
SPB335 x 5-3535*		5	3535	90	8	101	297	6	89	6	178	19.5
SPB335 x 6-3535*		6	3535	90	8	120	297	15.5	89	15.5	179	22.0
SPB335 x 8-3535*		8	3535	90	8	158	294	34.5	89	34.5	180	28.2
SPB335 x 10-4040		10	4040	100	8	196	294	47	102	47	216	36.0
SPB355 x 2-3020	355	2	3020	75	7	44	309	3.5	51	3.5	159	8.7
SPB355 x 3-3020		3	3020	75	8	63	309	6	51	6	159	10.8
SPB355 x 4-3535*		4	3535	90	7	82	309	3.5	89	3.5	178	18.6
SPB355 x 5-3535*		5	3535	90	8	101	309	6	89	6	178	20.8
SPB355 x 6-3535*		6	3535	90	6	120	309	15.5	89	15.5	179	22.8
SPB355 x 8-3535*		8	3535	90	8	158	317	34.5	89	34.5	180	27.0
SPB355 x 10-4040		10	4040	100	8	196	317	47	102	47	216	38.0

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed



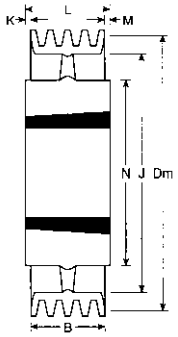


Fig 7

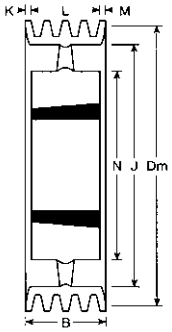


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB375 x 2-3020	375	2	3020	75	7	44	335	3.5	51	3.5	159	9.5
SPB375 x 3-3020		3	3020	75	8	63	335	6	51	6	159	11.5
SPB375 x 4-3525		4	3525	90	8	82	335	8.5	65	8.5	178	16.5
SPB375 x 5-3535*		5	3535	90	8	101	335	18	65	18	178	21.0
SPB375 x 6-3535*		6	3535	90	8	120	335	27.5	65	27.5	178	25.0
SPB375 x 8-4040		8	4040	90	8	158	335	46.5	65	46.5	178	28.0
SPB400 x 2-3020	400	2	3020	75	7	44	354	3.5	51	3.5	159	10.0
SPB400 x 3-3535*		3	3535	90	7	63	354	13	89	13	178	18.3
SPB400 x 4-3535*		4	3535	90	7	82	354	3.5	89	3.5	178	20.5
SPB400 x 5-3535*		5	3535	90	8	101	354	6	89	6	178	23.4
SPB400 x 6-3535*		6	3535	90	8	120	354	15.5	89	15.5	179	25.1
SPB400 x 8-4040		8	4040	100	8	158	362	28	102	28	216	36.5
SPB400 x 10-4040		10	4040	100	8	196	362	47	102	47	216	41.0
SPB450 x 2-3020	450	2	3020	75	7	44	410	3.5	51	3.5	159	12.1
SPB450 x 3-3535*		3	3535	90	7	63	410	13	89	13	178	21.9
SPB450 x 4-3535*		4	3535	90	7	82	410	3.5	89	3.5	178	24.5
SPB450 x 5-3535*		5	3535	90	8	101	410	6	89	6	178	27.3
SPB450 x 6-4040		6	4040	100	8	120	410	9	102	9	216	35.5
SPB450 x 8-4040		8	4040	100	8	158	410	28	102	28	216	40.9
SPB450 x 10-4545		10	4545	110	8	196	410	40.5	115	40.5	242	53.5
SPB500 x 2-3020	500	2	3020	75	7	44	454	3.5	51	3.5	159	13.2
SPB500 x 3-3535*		3	3535	90	7	63	454	13	89	13	178	23.1
SPB500 x 4-3535*		4	3535	90	7	82	454	3.5	89	3.5	178	26.6
SPB500 x 5-3535*		5	3535	90	8	101	454	6	89	6	178	29.9
SPB500 x 6-4040		6	4040	100	8	120	454	9	102	9	216	38.9
SPB500 x 8-4040		8	4040	100	8	158	460	28	102	28	216	45.5
SPB500 x 10-4545		10	4545	110	8	196	460	40.5	115	40.5	242	61.0
SPB560 x 2-3020	560	2	3020	75	7	44	525	16	76	16	159	17.1
SPB560 x 3-3535*		3	3535	90	7	63	525	—	89	26	178	25.9
SPB560 x 4-3535*		4	3535	90	7	82	525	—	89	7	178	29.0
SPB560 x 5-4040		5	4040	100	7	101	525	0.5	102	0.5	216	35.3
SPB560 x 6-4040		6	4040	100	8	120	525	9	102	9	216	43.1
SPB560 x 8-4545		8	4545	110	8	158	525	21.5	115	21.5	242	49.0
SPB560 x 10-4545		10	4545	110	8	196	525	405	115	40.5	242	65.0
SPB630 x 2-3030	630	2	3030	75	7	44	584	16	76	16	146	19.3
SPB630 x 3-3535*		3	3535	90	7	63	584	13	89	13	178	28.9
SPB630 x 4-3535*		4	3535	90	7	82	284	3.5	89	3.5	178	33.3
SPB630 x 5-4040		5	4040	100	7	101	584	0.5	102	0.5	216	43.1
SPB630 x 6-4040		6	4040	100	8	120	584	9	102	9	216	49.2
SPB630 x 8-4545		8	4545	110	8	158	590	21.5	115	21.5	242	62.0
SPB630 x 10-4545		10	4545	110	8	196	590	40.5	115	40.5	242	72.0

Note: * Requires bushing with BSW threads.

SPB Metric V-Belt Sheaves - Taper Bushed



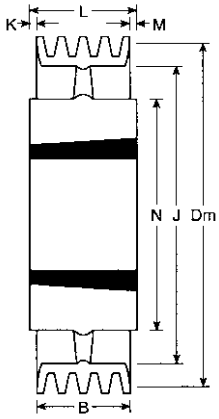


Fig 7

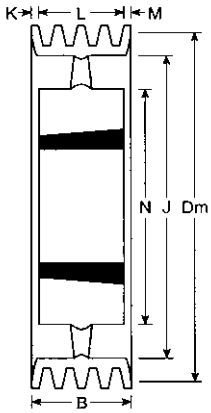


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPB710 x 2-3030	710	2	3030	75	7	44	670	16	76	16	145	23.0
SPB710 x 3-3535*		3	3535	90	7	63	670	13	89	13	180	33.2
SPB710 x 4-3535*		4	3535	90	7	82	670	3.5	89	3.5	180	39.1
SPB710 x 5-4040		5	4040	100	7	101	670	0.5	102	0.5	215	50.2
SPB710 x 6-4545		6	4545	110	8	120	670	2.5	115	2.5	242	62.3
SPB710 x 8-4545		8	4545	110	8	158	670	21.5	115	21.5	242	71.0
SPB710 x 10-4545		10	4545	110	8	196	670	40.5	115	40.5	242	80.0
SPB800 x 2-3535*	800	2	3535	90	7	44	760	22.5	89	22.5	180	29.8
SPB800 x 3-3535*		3	3535	90	7	63	760	13	89	13	180	36.7
SPB800 x 4-4040		4	4040	100	7	82	760	10	102	10	215	48.8
SPB800 x 5-4040		5	4040	100	7	101	760	0.5	102	0.5	216	56.1
SPB800 x 6-4545		6	4545	110	8	120	760	2.5	115	2.5	242	71.4
SPB800 x 8-4545		8	4545	110	8	158	760	21.5	115	21.5	242	90.9
SPB800 x 10-4545		10	4545	110	8	196	760	40.5	115	40.5	242	102.0
SPB900 x 3-3535*	900	3	3535	90	7	63	858	13	89	13	180	46.8
SPB900 x 4-4040		4	4040	100	7	82	858	10	102	10	216	60.0
SPB900 x 5-4545		5	4545	110	7	101	858	7	115	7	242	74.8
SPB900 x 6-4545		6	4545	110	8	120	858	2.5	115	2.5	242	81.5
SPB900 x 8-4545		8	4545	110	8	158	858	21.5	115	21.5	242	110.0
SPB900 x 10-5050		10	5050	125	8	196	858	34.5	127	34.5	267	126.0
SPB1000 x 3-4040	1000	3	4040	100	7	63	958	19.5	102	19.5	216	56.5
SPB1000 x 4-4040		4	4040	100	7	82	958	10	102	10	216	66.5
SPB1000 x 5-4545		5	4545	110	7	101	958	7	115	7	242	80.5
SPB1000 x 6-4545		6	4545	110	8	120	958	2.5	115	2.5	242	90.0
SPB1000 x 8-5050		8	5050	125	8	158	958	15.5	127	15.5	267	132.0
SPB1000 x 10-5050		10	5050	125	8	196	958	34.5	127	34.5	267	147.0
SPB1250 x 3-4040	1250	3	4040	100	7	63	1208	19.5	102	19.5	216	120.0
SPB1250 x 4-4545		4	4545	110	7	82	1208	16.5	115	16.5	242	152.0
SPB1250 x 5-4545		5	4545	110	7	101	1208	7	115	7	242	175.0
SPB1250 x 6-5050		6	5050	125	7	120	1208	3.5	127	3.5	267	190.0
SPB1250 x 8-5050		8	5050	125	8	158	1208	15.5	127	15.5	267	232.0

Note: * Requires bushing with BSW threads.

SPC Metric V-Belt Sheaves - Taper Bushed



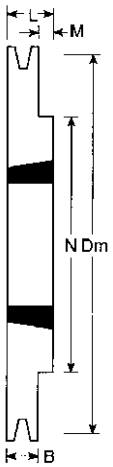


Fig 1

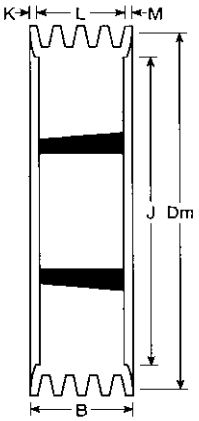


Fig 4

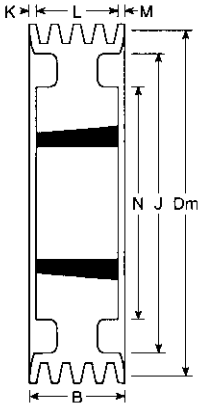


Fig 6

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPC200 x 3-2517*	200	3	2517	65	4	85	151	20	45	20	—	9.0
SPC200 x 4-3020		4	3020	75	4	110.5	151	29.8	51	29.8	—	10.5
SPC200 x 5-3535*		5	3535	90	4	136	151	16	89	31	—	14.0
SPC200 x 6-3535*		6	3535	90	4	161.5	151	15.8	89	56.8	—	17.0
SPC200 x 8-3535*		8	3535	90	4	212.5	151	45.8	89	77.8	—	23.0
SPC212 x 3-3020	212	3	3020	75	4	85	163	17	51	17	—	10.0
SPC212 x 4-3020		4	3020	75	4	110.5	163	29.8	51	29.8	—	12.5
SPC212 x 5-3535*		5	3535	90	4	136	163	16	89	31	—	15.0
SPC212 x 6-3535*		6	3535	90	4	161.5	163	36.3	89	36.3	—	18.0
SPC212 x 8-3535*		8	3535	90	4	212.5	163	45.8	89	77.8	—	24.0
SPC224 x 2-3020	224	2	3020	75	4	59.5	170	4.3	51	4.3	—	8.1
SPC224 x 3-3020		3	3020	75	4	85	170	17	51	17	—	11.0
SPC224 x 4-3535*		4	3535	90	4	110.5	170	10.8	89	10.8	—	14.0
SPC224 x 5-3535*		5	3535	90	4	136	170	23.5	89	23.5	—	16.2
SPC224 x 6-3535*		6	3535	90	4	161.5	170	36.3	89	36.3	—	19.0
SPC224 x 8-3535*		8	3535	90	4	212.5	170	45.8	89	77.8	—	24.9
SPC236 x 3-3020	236	3	3020	75	4	85	182	17	51	17	—	12.0
SPC236 x 4-3535*		4	3535	90	4	110.5	182	10.8	89	10.8	—	17.2
SPC236 x 5-3535*		5	3535	90	4	136	182	23.5	89	23.5	—	19.1
SPC236 x 6-3535*		6	3535	90	4	161.5	182	36.3	89	36.3	—	20.8
SPC236 x 8-3535*		8	3535	90	4	212.5	182	45.8	89	77.8	—	25.5
SPC250 x 2-3020	250	2	3020	75	4	59.5	170	4.1	51	4.5	—	9.8
SPC250 x 3-3020		3	3020	75	4	85	200	17	51	17	—	14.5
SPC250 x 4-3535*		4	3535	90	4	110.5	200	10.8	89	10.8	—	20.7
SPC250 x 5-3535*		5	3535	90	4	136	200	23.5	89	23.5	—	22.8
SPC250 x 6-3535*		6	3535	90	4	161.5	200	36.3	89	36.3	—	26.0
SPC250 x 8-3535*		8	3535	90	4	212.5	200	61.8	89	61.8	—	29.7
SPC250 x 10-4040		10	4040	100	4	264	200	81	102	81	—	32.0
SPC265 x 3-3535*	265	3	3535	90	1	85	215	—	89	4	178	21.2
SPC265 x 4-3535*		4	3535	90	6	110.5	215	10.8	89	10.8	178	24.0
SPC265 x 5-3535*		5	3535	90	6	136	215	23.5	89	23.5	178	26.2
SPC265 x 6-3535*		6	3535	90	6	161.5	215	36.3	89	36.3	178	29.0
SPC265 x 8-3535*		8	3535	90	6	212.5	215	61.8	89	61.8	178	33.3

Note: * Requires bushing with BSW threads.

SPC Metric V-Belt Sheaves - Taper Bushed



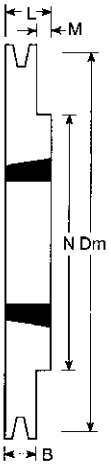


Fig 1

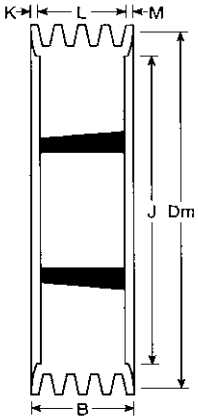


Fig 4

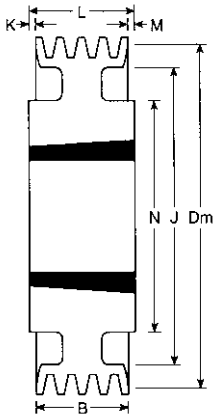


Fig 5

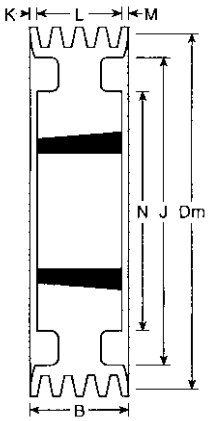


Fig 6

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPC280 x 3-3535*	280	**3**	3535	90	1	85	230	—	89	4	178	24.0
SPC280 x 4-3535*		4	3535	90	6	110.5	230	10.8	89	10.8	178	29.0
SPC280 x 5-3535*		5	3535	90	6	136	230	23.5	89	23.5	178	31.0
SPC280 x 6-3535*		6	3535	90	6	161.5	230	36.3	89	36.3	178	33.8
SPC280 x 8-3535*		8	3535	90	6	212.5	230	61.8	89	61.8	178	37.5
SPC280 x 10-4545		10	4545	100	6	264	230	81	105	81	—	40.0
SPC300 x 3-3535*	300	3	3535	90	5	85	250	2	89	2	178	21.0
SPC300 x 4-3535*		4	3535	90	6	110.5	250	10.8	89	10.8	178	25.0
SPC300 x 5-3535*		5	3535	90	6	136	250	23.5	89	23.5	178	28.5
SPC300 x 6-3535*		6	3535	90	6	161.5	250	36.3	89	36.3	178	29.0
SPC300 x 8-4040		8	4040	100	4	212.5	250	55.3	102	55.3	—	46.5
SPC300 x 10-4545		10	4545	100	6	264	250	75	115	75	—	65.0
SPC315 x 3-3535*	315	**3**	3535	90	5	85	265	2	89	2	178	21.6
SPC315 x 4-3535*		4	3535	90	6	110.5	265	10.8	89	10.8	178	24.6
SPC315 x 5-3535*		**5**	3535	90	6	136	265	23.5	89	23.5	178	29.0
SPC315 x 6-3535*		**6**	3535	90	6	161.5	265	36.3	89	36.3	178	31.4
SPC315 x 8-4040		**8**	4040	100	4	212.5	265	55.3	102	55.3	200	50.0
SPC315 x 10-4545		**10**	4545	100	6	264	265	75	115	75	—	78.0
SPC335 x 3-3535*	335	3	3535	90	5	85	282	2	89	2	178	22.5
SPC335 x 4-3535*		4	3535	90	6	110.5	282	10.8	89	10.8	178	26.5
SPC335 x 5-3535*		5	3535	90	6	136	282	23.5	89	23.5	178	30.0
SPC335 x 6-3535*		6	3535	90	6	161.5	282	36.3	89	36.3	178	35.0
SPC335 x 8-4040		8	4040	100	6	212.5	282	55.3	102	55.3	200	58.0
SPC335 x 10-4545		10	4545	100	6	264	282	75	115	75	—	85.0
SPC355 x 3-3535*	355	3	3535	90	5	85	305	2	89	2	178	22.9
SPC355 x 4-3535*		4	3535	90	6	110.5	305	10.8	89	10.8	178	28.3
SPC355 x 5-3535*		5	3535	90	6	136	305	23.5	89	23.5	178	32.5
SPC355 x 6-3535*		6	3535	90	6	161.5	305	36.3	89	36.3	178	36.0
SPC355 x 8-4040		8	4040	100	6	212.5	305	55.3	102	55.3	200	67.5
SPC355 x 10-4545		10	4545	100	6	264	305	75	115	75	—	88.0
SPC375 x 3-3535*	375	3	3535	90	5	85	322	2	89	2	178	23.8
SPC375 x 4-3535*		4	3535	90	6	110.5	322	10.8	89	10.8	178	30.0
SPC375 x 5-3535*		5	3535	90	6	136	322	23.5	89	23.5	178	33.0
SPC375 x 6-4040		6	4040	100	6	161.5	322	29.8	102	29.8	216	45.5
SPC375 x 8-4545		8	4545	110	6	212.5	322	48.8	115	48.8	225	68.0
SPC375 x 10-5050		10	5050	100	6	264	322	75	115	75	—	92.0

Note: * Requires bushing with BSW threads.

SPC Metric V-Belt Sheaves - Taper Bushed



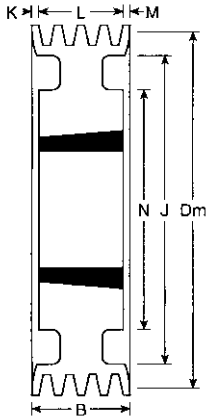


Fig 6

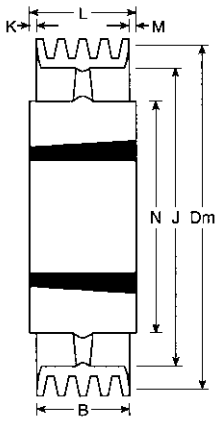


Fig 7

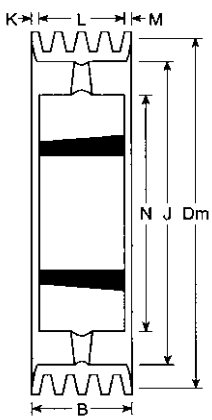


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPC400 x 3-3535*	400	3	3535	90	7	85	350	2	89	2	178	24.1
SPC400 x 4-3535*		4	3535	90	8	110.5	350	10.8	89	10.8	178	28.0
SPC400 x 5-3535*		5	3535	90	8	136	350	23.5	89	23.5	178	34.0
SPC400 x 6-4040		6	4040	100	6	161.5	350	29.8	102	29.8	216	48.0
SPC400 x 8-4545		8	4545	110	6	212.5	350	48.8	115	48.8	240	65.0
SPC425 x 3-3535*	425	3	3535	90	7	85	372	2	89	2	178	26.0
SPC425 x 4-3535*		4	3535	90	8	110.5	372	10.8	89	10.8	178	31.0
SPC425 x 5-4040		5	4040	100	6	136	372	17	102	17	216	45.0
SPC425 x 6-4545		6	4545	110	6	161.5	372	23.3	115	23.3	242	58.0
SPC425 x 8-4545		8	4545	110	6	212.5	372	42.8	127	42.8	265	74.0
SPC425 x 10-5050		10	5050	110	6	264	372	68.5	127	68.5	265	105.0
SPC450 x 3-3535*	450	3	3535	90	7	85	400	2	89	2	178	28.6
SPC450 x 4-3535*		4	3535	90	8	110.5	400	10.8	89	10.8	178	33.5
SPC450 x 5-4040		5	4040	100	8	136	400	17	102	17	216	45.0
SPC450 x 6-4545		6	4545	110	6	161.5	400	23.3	115	23.3	242	61.1
SPC450 x 8-5050		8	5050	125	6	212.5	400	42.8	127	42.8	265	78.7
SPC450 x 10-5050		10	5050	125	6	264	400	68.5	127	68.5	265	109.0
SPC475 x 3-3535*	475	3	3535	90	7	85	422	2	89	2	178	40.0
SPC475 x 4-3535*		4	3535	90	8	110.5	422	10.8	89	10.8	178	47.0
SPC475 x 5-4040		5	4040	100	8	136	422	17	102	17	216	47.2
SPC475 x 6-4545		6	4545	110	6	161.5	422	23.3	115	23.3	242	62.8
SPC475 x 8-5050		8	5050	125	6	212.5	422	42.8	127	42.8	265	81.5
SPC475 x 10-5050		10	5050	125	6	264	422	68.5	127	68.5	265	125.0
SPC500 x 3-3535*	500	3	3535	90	7	85	450	2	89	2	178	30.9
SPC500 x 4-3535*		4	3535	90	8	110.5	450	10.8	89	10.8	178	39.0
SPC500 x 5-4040		5	4040	100	8	136	450	17	102	17	216	48.7
SPC500 x 6-4545		6	4545	110	8	161.5	450	23.3	115	23.3	242	60.2
SPC500 x 8-5050		8	5050	125	6	212.5	450	42.8	127	42.8	265	87.4
SPC500 x 10-5050		10	5050	125	6	264	450	68.5	127	68.5	26.5	132.0
SPC530 x 3-3535*	530	3	3535	90	7	85	480	2	89	2	178	35.0
SPC530 x 4-4040		4	4040	100	8	110.5	480	4.3	102	4.3	216	40.0
SPC530 x 5-4545		5	4545	110	8	136	480	11	115	11	242	60.0
SPC530 x 6-5050		6	5050	125	8	161.5	480	17.3	127	17.3	265	73.0
SPC530 x 8-5050		8	5050	125	6	212.5	480	42.8	127	42.8	265	94.0
SPC530 x 10-5050		10	5050	125	6	264	480	68.5	127	68.5	265	145.0
SPC560 x 3-3535*	560	3	3535	90	7	85	510	2	89	2	178	36.0
SPC560 x 4-4040		4	4040	100	8	110.5	510	4.3	102	4.3	216	50.0
SPC560 x 5-4545		5	4545	110	8	136	510	11	115	11	242	63.0
SPC560 x 6-5050		6	5050	125	8	161.5	510	17.3	127	17.3	265	77.0
SPC560 x 8-5050		8	5050	125	8	212.5	510	42.8	127	42.8	265	94.0
SPC560 x 10-5050		10	5050	125	6	264	510	68.5	127	68.5	265	150.0

Note: * Requires bushing with BSW threads.

SPC Metric V-Belt Sheaves - Taper Bushed



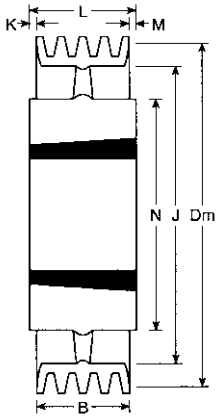


Fig 7

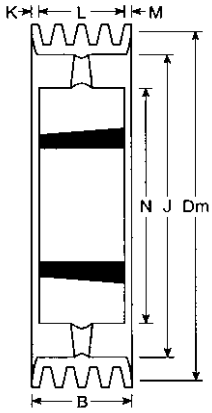


Fig 8

Dimensions in **mm**

Part No.	Dm	Groove	Bushing	Max Bore	Figure	B	J	K	L	M	N	Wt. kg
SPC630 x 3-4040	630	**3**	4040	100	7	85	580	8.5	102	8.5	216	48.5
SPC630 x 4-4545		4	4545	110	7	110.5	580	2.2	115	2.2	242	61.0
SPC630 x 5-5050		5	5050	125	8	136	580	4.5	127	4.5	267	77.0
SPC630 x 6-5050		6	5050	125	8	161.5	580	17.3	127	17.3	267	86.0
SPC630 x 8-5050		8	5050	125	8	212.5	580	42.8	127	42.8	265	105.5
SPC630 x 10-5050		10	5050	125	8	264	580	68.5	127	68.5	267	170.0
SPC710 x 3-4040	710	3	4040	100	7	85	667	8.5	102	8.5	216	57.0
SPC710 x 4-4545		4	4545	110	7	110.5	667	2.2	115	2.2	242	70.0
SPC710 x 5-5050		5	5050	125	8	136	667	4.5	127	4.5	267	80.0
SPC710 x 6-5050		6	5050	125	8	161.5	667	17.3	127	17.3	267	10.0
SPC710 x 8-5050		8	5050	125	8	212.5	667	42.8	127	42.8	265	13.0
SPC710 x 10-5050		10	5050	125	8	264	667	68.5	127	68.5	267	180.0
SPC800 x 3-4545	800	**3**	4545	110	7	85	737	15	115	15	242	65.0
SPC800 x 4-5050		4	5050	125	7	110.5	737	8.2	127	8.2	267	76.0
SPC800 x 5-5050		**5**	5050	125	8	136	737	4.5	127	4.5	267	97.0
SPC800 x 6-5050		**6**	5050	125	8	161.5	737	17.3	127	17.3	267	127.0
SPC800 x 8-5050		**8**	5050	125	8	212.5	737	42.8	127	42.8	267	145.0
SPC800 x 10-5050		**10**	5050	125	8	264	737	68.5	127	68.5	267	192.0
SPC900 x 3-4545	900	3	4545	110	7	85	847	15	115	15	242	85.0
SPC900 x 4-5050		4	5050	125	7	110.5	847	8.2	127	8.2	267	100.0
SPC900 x 5-5050		5	5050	125	8	136	847	4.5	127	4.5	267	120.0
SPC900 x 6-5050		6	5050	125	8	161.5	847	17.3	127	17.3	267	140.0
SPC900 x 8-5050		8	5050	125	8	212.5	847	42.8	127	42.8	267	160.0
SPC1000 x 3-5050	1000	3	5050	125	7	85	937	21	127	21	267	115.0
SPC1000 x 4-5050		4	5050	125	7	110.5	937	8.2	127	8.2	267	125.0
SPC1000 x 5-5050		5	5050	125	8	136	937	4.5	127	4.5	267	140.0
SPC1000 x 6-5050		6	5050	125	8	161.5	937	17.3	127	17.3	267	160.0
SPC1000 x 8-5050		8	5050	125	8	212.5	937	42.8	127	42.8	267	180.0
SPC1250 x 3-5050	1250	3	5050	125	7	85	1187	21	127	21	267	170.0
SPC1250 x 4-5050		4	5050	125	7	110.5	1187	8.2	127	8.2	267	210.0
SPC1250 x 5-5050		5	5050	125	8	136	1187	4.5	127	4.5	267	220.0
SPC1250 x 6-5050		**6**	5050	125	8	161.5	1187	17.3	127	17.3	267	236.0
SPC1250 x 8-5050		**8**	5050	125	8	212.5	1187	42.8	127	42.8	267	253.0

Metric Variable Pitch Pulley

Adjustable Pitch
Allows for Speed Adjustment
Taper Bushing Mount
Cast Iron





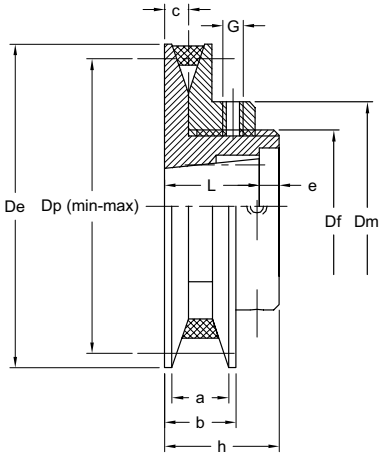
Part No. PVA108 X 1-1210

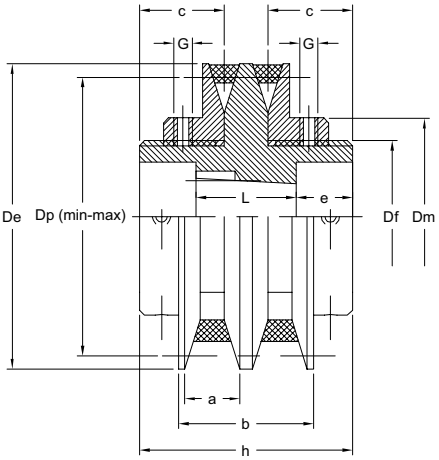
PV = Pulley Variable Pitch

A, Z, B = Belt Sections

X 1 or X 2 = Number of Grooves

1210 = TL Bushing Size





Adjustment to the pitch diameter is made by 1/4 turn of the nut and then tightening set screws on flats.

Dimensions in **mm**

Part No.	Belt	Bushing	Max Bore	De	Dm	Df	Dp min	Dp max	a min	a max	b min	b max	c	e	G	h	L	kg
PVZ84 x 1-1108*	Z	1108	28	84	65	50	62	80	10	14.5	15	19.5	7.5	-	6	28	28.0	0.50
PVZ95 x 1-1108	Z	1108	28	95	75	60	73	91	10	14.5	16	20.5	8.0	8.0	6	30	22.0	0.78
PVZ100 x 1-1108	Z	1108	28	100	75	60	78	96	10	14.5	16	20.5	8.0	8.0	6	30	22.0	0.85
PVZ108 x 1-1210*	Z	1210	30	108	90	72	90	104	10	14.5	16	20.5	8.0	10.0	8	35	25.0	1.13
PVA108 x 1-1210	A	1210	30	108	80	62	76	102	13	19.5	19	26.5	9.5	12.0	8	39	27.0	1.12
PVA120 x 1-1210	A	1210	30	120	91	72	88	114	13	19.5	20	26.5	10.0	10.0	8	36	26.0	1.42
PVA129 x 1-1210	A	1210	30	129	91	72	97	123	13	19.5	20	26.5	10.0	10.2	8	36	26.0	1.67
PVA139 x 1-1610	A	1610	40	139	103	85	109	133	13	18.9	20	25.9	10.0	11.0	8	37	26.0	1.96
PVA146 x 1-1610	A	1610	40	146	103	85	116	140	13	18.9	20	25.9	10.0	11.0	8	37	26.0	2.17
PVA156 x 1-1610	A	1610	40	156	103	85	126	150	13	18.9	20	25.9	10.0	11.0	8	37	26.0	2.43
PVA164 x 1-1610	A	1610	40	164	103	85	134	158	13	18.9	20	25.9	10.0	8.0	8	37	29.0	2.76
PVA177 x 1-2012	A	2012	50	177	135	110	149	171	13	18.2	20	25.2	10.0	8.0	8	40	32.0	3.76
PVA187 x 1-2012	A	2012	50	187	135	110	159	181	13	18.2	20	25.2	10.0	8.0	8	40	32.0	4.14
PVA120 x 2-1215	A	1215	30	120	91	72	88	114	13	19.5	34	47.1	26.0	12.0	8	66	40.5	2.46
PVA129 x 2-1215	A	1215	30	129	91	72	97	123	13	19.5	34	47.1	26.0	12.0	8	66	40.0	2.83
PVA139 x 2-1615	A	1615	40	139	103	85	109	133	13	18.9	35	46.8	26.0	14.5	8	69	38.5	3.37
PVA146 x 2-1615	A	1615	40	146	103	85	116	140	13	18.9	35	46.8	27.0	14.5	8	69	38.5	3.77
PVA156 x 2-1615	A	1615	40	156	103	85	126	150	13	18.9	35	46.8	27.0	14.5	8	69	38.5	4.25
PVA164 x 2-1615	A	1615	40	164	103	85	134	158	13	18.9	35	46.8	27.0	15.5	8	69	37.5	4.74
PVA177 x 2-2012	A	2012	50	177	135	110	149	171	13	18.2	35	45.5	27.5	24.0	8	90	37.0	6.80
PVA187 x 2-2012	A	2012	50	187	135	110	159	181	13	18.2	35	45.5	37.5	24.0	8	90	37.0	7.50
PVB178 x 1-2012	B	2012	50	178	135	110	139	171	16	21.5	23	28.5	10.0	8.0	8	40	32.0	3.73
PVB187 x 1-2012	B	2012	50	187	135	110	148	180	16	21.5	23	28.5	10.0	8.0	8	40	32.0	4.70
PVB178 x 2-2012	B	2012	50	178	135	110	139	171	16	22.5	42	54.5	37.5	24.0	8	90	37.0	6.75
PVB187 x 2-2012	B	2012	50	187	135	110	148	180	16	22.5	42	54.5	37.5	24.0	8	90	37.0	7.35

Note: *Bushing mounts on opposite side from drawing.

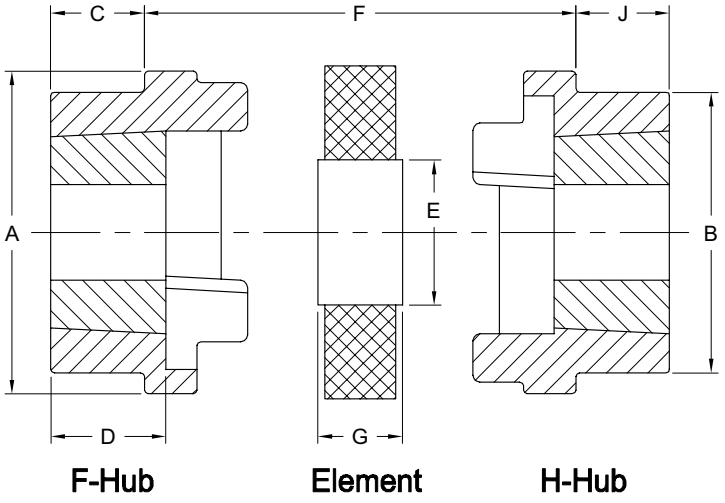
Flexible Shaft Couplings

HRC Series Jaw Type

Taper Bushed and Bored to Size

Metric and Inch Bores





Ordering Note:
Specify 2 hubs (F or H Style), a rubber element and 2 bushings (inch or metric).
Bored to size requires no bushings.

F - Hubs allow the TL Bushing to be installed from the shaft-end.
H - Hubs allow the TL Bushing to be installed from the hub side.

Taper Bushed

Coupling Size	Element Part No.	F-Hub Part No.	H-Hub Part No.	Bush Size	Max Bore(in)	Max Bore(mm)	Dimensions (mm)								Wt.** kg
							A	B	C	D	E	F	G	J	
7	HRC7E	HRC7F	HRC7H	1008	1	25	69	60	20	24	31	25	18	29	1.0
9	HRC9E	HRC9F	HRC9H	1108	1-1/8	28	85	70	20	24	32	31	23	29	1.7
11	HRC11E	HRC11F	HRC11H	1610	1-5/8	42	112	100	19	27	45	45	29	38	4.2
13	HRC13E	HRC13F	HRC13H	1610	1-5/8	42	130	105	18	27	50	53	36	38	5.5
15	HRC15E	HRC15F	HRC15H	2012	2	50	150	115	24	34	62	60	40	42	7.1
18	HRC18E	HRC18F*	HRC18H*	2517	2-1/2	60	180	125	35	47	77	73	49	48	15.0
23	HRC23E	HRC23F	HRC23H	3020	3	75	225	155	40	53	99	86	60	55	26.0
28	HRC28E	HRC28F	HRC28H	3020	4	90	275	206	51	67	119	106	75	67	50.0

Note: See chart on next page for stock metric and inch shaft sizes. * Hubs require 2517 Bushing with BSW Threads
** Complete coupling weight.

Bored to Size

Coupling Size	Element Part No.	Hub Part No.	Max Bore(in)	Max Bore(mm)	Dimensions (mm)							Wt.** kg
					A	B	C	D	E	F	G	
7	HRC7E	HRC7B	1-1/4	32	69	55	21	25	31	25	18	1.1
9	HRC9E	HRC9B	1-1/2	38	85	60	30	34	32	31	23	1.7
11	HRC11E	HRC11B	1-7/8	48	112	80	36	44	45	45	29	5.0
13	HRC13E	HRC13B	2-3/8	55	130	90	41	50	50	53	36	6.3
15	HRC15E	HRC15B	2-1/2	65	150	104	47	58	62	60	40	9.5
18	HRC18E	HRC18B	3	75	180	120	55	68	77	73	49	16.6
23	HRC23E	HRC23B	3-3/4	95	225	150	71	85	99	86	60	28.0
28	HRC28E	HRC28B	5	130	275	206	90	106	119	106	75	63.0

Note: ** Complete coupling weight.

Flexible Shaft Couplings

HRC Series Jaw Type

Technical Data

Coupling Size	Torque Nom (Nm)	Torque Max (Nm)	Max rpm	Misalignment (mm)			Inertia - kgm^2		Weight-kg	
				Axial	Radial	Angular	Bored	Bushed	Bored	Bushed
7	33	73	7700	0.2	0.3	0.5	0.00085	0.00078	1.0	1.1
9	84	185	6300	0.5	0.3	0.5	0.00115	0.00108	1.7	1.7
11	168	370	5000	0.6	0.3	1.0	0.00400	0.00344	4.2	5.0
13	331	728	4100	0.8	0.4	1.0	0.00780	0.00850	5.5	6.3
15	630	1490	3600	0.9	0.4	1.5	0.01810	0.02112	7.1	9.5
18	998	2300	3000	1.1	0.4	1.5	0.04340	0.04820	15.0	16.6
23	2100	4800	2600	1.3	0.5	2.0	0.12068	0.14052	26.0	28.0
28	3308	7000	2200	1.7	0.5	2.5	0.44653	0.54790	50.0	63.0

Note: Elements are oil resistant, partially resistant to chemicals. Temp Range: -40F to 185F.

Stock Taper Bushings/Shaft Sizes for F and H Coupling Hubs

Inch Shaft Sizes

Coupling Size		7	9	11, 13	15	18	23, 28
Bushing Size		1008	1108	1610	2012	2517	3020
Shaft Dia. (in)							
1/2	0.5000	X	X				
9/16	0.5625	X	X	X			
5/8	0.6250	X	X	X			
11/16	0.6875	X	X	X			
3/4	0.7500	X	X	X	X		
7/8	0.8750	X	X	X	X		
15/16	0.9375	(X)	X	X	X		
1	1.0000	(X)	X	X	X		
1-1/8	1.1250		(X)	X	X		
1-3/16	1.1875			X	X		
1-1/4	1.2500			X	X		
1-3/8	1.3750			X	X	X	X
1-7/16	1.4375			X	X	X	X
1-1/2	1.5000			X	X	X	X
1-5/8	1.6250			(X)	X	X	X
1-3/4	1.7500				X	X	X
1-7/8	1.8750				X	X	X
1-15/16	1.9375				(X)	X	X
2	2.0000				(X)	X	X
2-1/8	2.1250					X	X
2-3/16	2.1875					X	X
2-1/4	2.2500					X	X
2-3/8	2.3750					X	X
2-7/16	2.4375					X	X
2-1/2	2.5000					X	X
2-5/8	2.6250						X
2-3/4	2.7500						X
2-7/8	2.8750						X
2-15/16	2.9375						X
3	3.0000						X

Metric Shaft Sizes

Coupling Size	7	9	11, 13	15	18	23, 28
Bushing Size	1008	1108	1610	2012	2517	3020
Shaft Dia. (mm)						
11	X	X				
12	X	X	X			
14	X	X	X			
15	X	X	X	X		
16	X	X	X	X		
18	X	X	X	X	X	
19	X	X	X	X	X	
20	X	X	X	X	X	
22	X	X	X	X	X	
24	(X)	X	X	X	X	
25	(X)	X	X	X	X	X
28		(X)	X	X	X	X
30			X	X	X	X
32			X	X	X	X
35			X	X	X	X
38			X	X	X	X
40			X	X	X	X
42			(X)	X	X	X
45				X	X	X
48				X	X	X
50				X	X	X
55					X	X
60					X	X
65					X	X
70						X
75						X

Note: (x) denotes shallow key required.
Specify Bushing as follows: 2517-1-3/4 or 2517-35mm.

Metric Equivalents

mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.	mm	in.
1	0.0394	21	0.8268	41	1.6142	61	2.4016	81	3.1890	105	4.1339	205	8.0709
2	0.0787	22	0.8661	42	1.6535	62	2.4409	82	3.2283	110	4.3307	210	8.2677
3	0.1181	23	0.9055	43	1.6929	63	2.4803	83	3.2677	115	4.5276	215	8.4646
4	0.1575	24	0.9449	44	1.7323	64	2.5197	84	3.3071	120	4.7244	220	8.6614
5	0.1969	25	0.9843	45	1.7717	65	2.5591	85	3.3465	125	4.9213	225	8.8583
6	0.2362	26	1.0236	46	1.8110	66	2.5984	86	3.3858	130	5.1181	230	9.0551
7	0.2756	27	1.0630	47	1.8504	67	2.6378	87	3.4252	135	5.3150	235	9.2520
8	0.3150	28	1.1024	48	1.8898	68	2.6772	88	3.4646	140	5.5118	240	9.4488
9	0.3543	29	1.1417	49	1.9291	69	2.7165	89	3.5039	145	5.7087	245	9.6457
10	0.3937	30	1.1811	50	1.9685	70	2.7559	90	3.5433	150	5.9055	250	9.8425
11	0.4332	31	1.2205	51	2.0079	71	2.7953	91	3.5827	155	6.1024	255	10.0394
12	0.4724	32	1.2598	52	2.0472	72	2.8346	92	3.6220	160	6.2992	260	10.2362
13	0.5118	33	1.2992	53	2.0866	73	2.8740	93	3.6614	165	6.4961	265	10.4331
14	0.5512	34	1.3386	54	2.1260	74	2.9134	94	3.7008	170	6.6929	270	10.6299
15	0.5906	35	1.3780	55	2.1654	75	2.9528	95	3.7402	175	6.8898	275	10.8268
16	0.6299	36	1.4173	56	2.2047	76	2.9921	96	3.7795	180	7.0866	280	11.0236
17	0.6693	37	1.4567	57	2.2441	77	3.0315	97	3.8189	185	7.2835	285	11.2205
18	0.7087	38	1.4961	58	2.2835	78	3.0709	98	3.8583	190	7.4803	290	11.4173
19	0.7480	39	1.5354	59	2.3228	79	3.1102	99	3.8976	195	7.6772	295	11.6142
20	0.7874	40	1.5748	60	2.3622	80	3.1496	100	3.9370	200	7.8740	300	11.8110

Decimal Equivalents

1/64	0.0156	17/64	0.2656	33/64	0.5156	49/64	0.7656
1/32	0.0313	9/32	0.2813	17/32	0.5313	25/32	0.7813
3/64	0.0469	19/64	0.2969	35/64	0.5469	51/64	0.7969
1/16	0.0625	5/16	0.3125	9/16	0.5625	13/16	0.8125
5/64	0.0781	21/64	0.3281	37/64	0.5781	53/64	0.8281
3/32	0.0938	11/32	0.3438	19/32	0.5938	27/32	0.8438
7/64	0.1094	23/64	0.3594	39/64	0.6094	55/64	0.8594
1/8	0.1250	3/8	0.3750	5/8	0.6250	7/8	0.8750
9/64	0.1406	25/64	0.3906	41/64	0.6406	57/64	0.8906
5/32	0.1563	13/32	0.4063	21/32	0.6563	29/32	0.9063
11/64	0.1719	27/64	0.4219	43/64	0.6719	59/64	0.9219
3/16	0.1875	7/16	0.4375	11/16	0.6875	15/16	0.9375
13/64	0.2031	29/64	0.4531	45/64	0.7031	61/64	0.9531
7/32	0.2188	15/32	0.4688	23/32	0.7188	31/32	0.9688
15/64	0.2344	31/64	0.4844	47/64	0.7344	63/64	0.9844
1/4	0.2500	1/2	0.5000	3/4	0.7500	1	1.0000

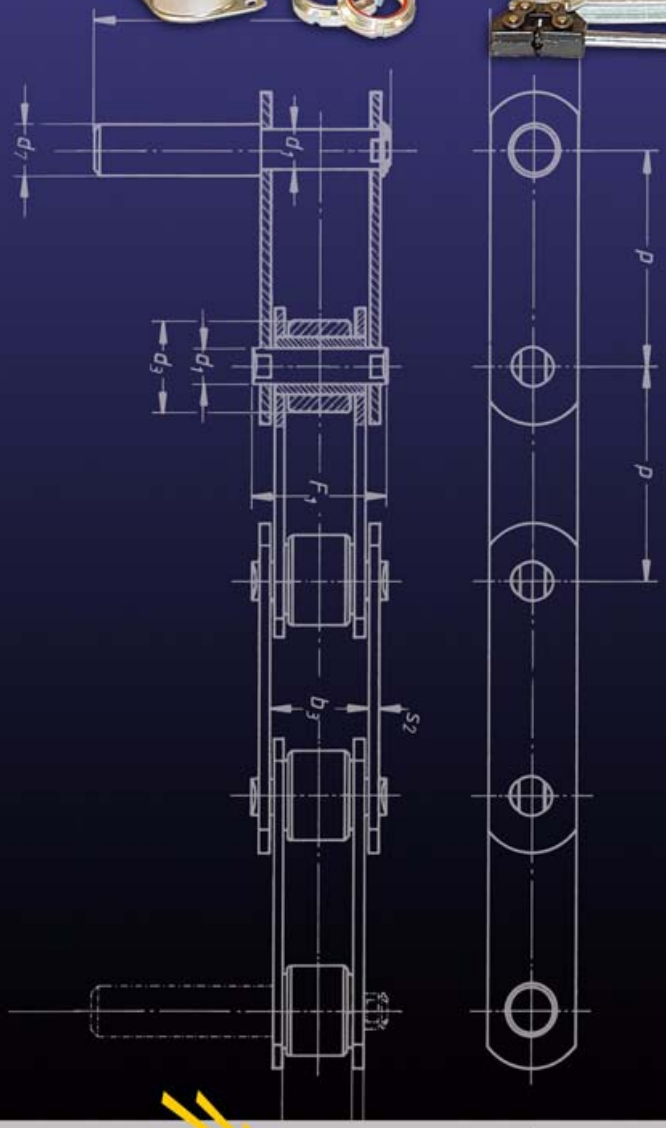
Metric		Inch	Metric		Inch
Millimeter (mm)	=	0.0393701 Inch (in)	1 Kilogram (kg)	=	2.204 pounds (lb)
25.4 Millimeters (mm)	=	1 inch (in)	1 Joule (J)	=	0.7375621 Foot-Pounds (ft-lb)
1 Meter (m)	=	3.2808 (ft)	1 Square Centimeter (cm^2)	=	0.1550003 Square Inches (in^2)
1 Meter (m)	=	39.37 inches (in)	1 Cubic Meter (m^3)	=	35.31466 Cubic Feet (ft^3)
1 Newton (N)	=	0.102 Kilogram-Force (kp)	1 Kilogram per Square Centimeter (kg/cm^2)	=	14.22334 Pounds per square Inch (lb/in^2)
1 Newton (N)	=	0.2248 Pound-Force (lbf)	1 Kilogram per Meter (kg/m)	=	0.67197 Pounds per Foot (lb/ft)
1 Bar	=	100 Kilopascals (kPa)	1 U.S. Horsepower (HP)	=	0.7457 Kilowatt (kw)
1 Bar	=	14.50377 Pounds per Square Inch (lb/in^2)	1 Metric Horsepower (CV)	=	0.9863203 U.S. Horsepower (HP)

WARNING: The information provided about Product and Product Interchange in this catalog is to be used as a general reference by individuals qualified to recognize unreasonable selections. Because of the possibility of danger to person(s), and/or property as a result of accidents involving improper product use, it is important that correct installations and operating procedures be followed. Proper installation and maintenance procedures are necessary to assure safe operations under the given conditions. Guards and other safety devices may be required to meet safety codes. These are not supplied by nor are they the responsibility of P.T. International Corp.

All information provided in this catalog is provided for your convenience and was correct at the time of printing with the exception of clerical and or printing errors. Data is subject to change without notice. Pricing shall be in effect at the time of shipment.

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