

BASELINE LINESHAFT - STRAIGHT

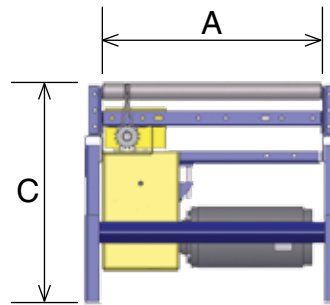
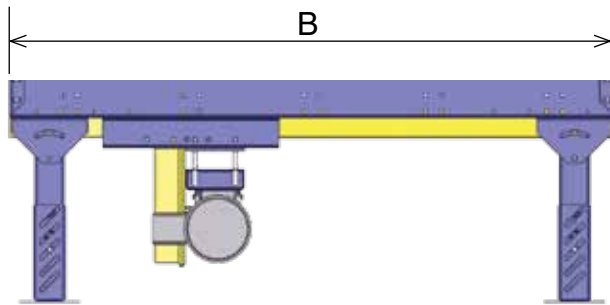
LINESHAFT DRIVEN ROLLER CONVEYOR



Lineshaft Conveyors are an optimum solution for economical conveyance of light loads. They are designed for flat-bottomed, evenly distributed loads such as those found in distribution and warehousing, food packaging and parcel handling. Clean, dry, oil free environments are the ideal conditions to maximize performance.

BASELINE SPECIFICATIONS

- Lengths in 1' increments 3' to 100'
- Between frame in 1" increments 10" to 39"
- 25 to 120 FPM max speed
- Up to 75 lbs. per product load capacity
- Minimum pressure
- Ceiling supports, floor supports, side guides and end stops available
- Powder coat finishes and galvanized material available



Ref.	1.4"	1.9"
A	10" - 28"	13" - 39"
B	3' - 100'	
C	22" - 88"	

A = Between Frame (BF)
B = Overall Length (OAL)
C = Top of Roller (TOR)

ROLLER SPACING AND BEARING DETAILS

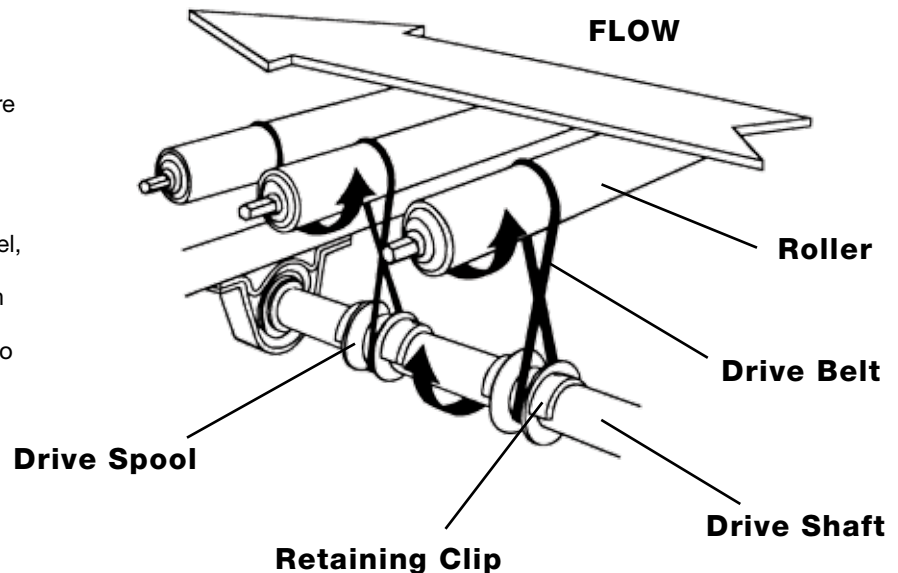
ROLLER DIAMETER	BEARINGS	TUBE DETAIL		AXLE DETAIL			ROLLER SPACING	MAX LOAD PER ROLLER	GALVANIZED FRAME
	Details	Wall Thickness	Material	Size	Type	Retention	Centers	lbs.	12 ga. Formed Channels
1.4"	Non-Precision	16 ga.	Galvanized	5/16"	Hex	Spring	1.5" and 3"	10	5 1/2" deep x 1 1/2" flange
1.9"	Non-Precision or ABEC Precision	16 ga.	Galvanized	7/16"	Hex	Spring	2", 3", 4", 6" and 8"	15	5 1/2" deep x 1 1/2" flange

NON-PRECISION BEARING (NP)

Non-Precision bearings are made of a stamped metal housing with very loose tolerances. They are not intended for very heavy loads or high speeds.

PRECISION BEARINGS (P)

Precision bearings are made from high quality steel, heat treated to uniform hardness and ground to a micro finish. The tolerances are much tighter than semi-precision bearings making them capable of greater speeds and load capacities but sensitive to axle deflection causing misalignment.



DRIVE SPECIFICATIONS

208-230/460VAC - 3 PHASE - 60 Hz

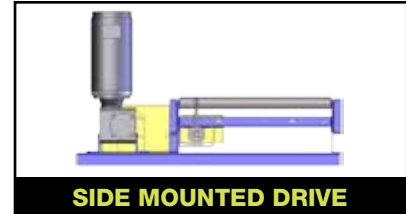
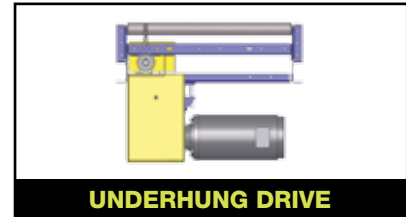
- 190/380vac - 3 Phase - 50 Hz capable
- Totally enclosed fan cooled
- 1750 RPM
- Inverter capable 4:1 speed ratio
- 1.00 service factor
- Sealed worm gear "C" face speed reducer



115/230VAC - 1 PHASE - 60 Hz

- Totally enclosed fan cooled
- 1750 RPM
- 1.15 service factor
- Sealed worm gear "C" face speed reducer

DRIVE MOUNTING OPTIONS AVAILABLE



CONVEYOR SPECIFICATIONS

MAXIMUM LENGTH (FEET) PER 1/4 HP							
ROLLER CENTERS	FPM						
	30	45	60	75	90	105	120
1.5"	20	15	10	8.5	6.5	6	5
2"	26	20	13	11	8.5	7.5	6.5
3"	40	30	20	16.5	13	11.5	10
4"	50	37.5	25	21	17	15	13
6"	80	60	40	32.5	25	22.5	20
8"	100	75	50	41.5	33	29	25

MAXIMUM LENGTH PER DRIVE SECTION (FEET)		
ROLLER CENTERS	DRIVE SECTION AT END	DRIVE SECTION AT CENTER
1.5"	35	70
2"	45	90
3"	60	120
4"	90	180
6"	150	300
8"	180	380

STANDARD SPECIFICATIONS

DRIVE SHAFT

- 1 in. dia. steel shaft full length of conveyor
- Delrin chain coupling at bed joints

DRIVE SPOOLS

- 2 in. dia. Delrin spool held in place on shaft by "snap on" retaining clips

DRIVE BELTS

- 3/16 in. dia. urethane belts from drive spools to rollers

SPEED REDUCTION

- "C" face speed reducer.
- No. 50 chain from reducer to drive shaft