

TOSHIBA
Leading Innovation >>>



3 THREE YEAR WARRANTY

Efficiency, Quality, & Performance (EQP) — The EQP Global® XP Explosion Proof motor is Toshiba's next-generation NEMA Premium® efficiency motor series.

This totally enclosed fan cooled product line is equipped to contain an explosion that may occur inside the motor, as well as prevent explosive gases and vapors from being released into the environment. Its robust construction meets the requirements for UL- and CSA-Listed Hazardous Locations and offers the highest performance and reliability for indoor and outdoor use.

Built for the petrochemical, mining and mineral, pharmaceutical, and agricultural industries, the EQP Global XP is designed to meet or exceed the competitive demands of the global market while maintaining the reliability and quality expected from Toshiba, making this product line one of the lowest cost-of-ownership products in the industry.

Standard features include:

- Roller Bearing is Available on Frames 440 and Above
- ASD-Turndown Capabilities
 - Frames 143T through 326T 20:1CT, 60:1VT, 1:1.5CHP
 - Frames 360 through N449 10:1CT, 60:1VT, 1:1.5CHP
- C-Flange Footed and Footless Available

(Contact Toshiba for Group D Inverter-Duty Ratings)

Horsepower	1 to 1,000 HP
Speed (60 Hz)	3600, 1800, 1200, or 900 RPM
Voltage (60 Hz)	230/460, 460, or 575 V
Enclosure	Totally Enclosed Fan Cooled
Frame Size	143T through 6811
Protection	IP55 and IP56
Construction	All Cast Iron
Insulation	Class F
Vibration (Unfiltered)	Typically 0.08 Inches/Second or Less
Environment	Severe Duty, Suitable for Use in Division 1 Hazardous Locations



EQP GLOBAL XP >>>>
LOW VOLTAGE MOTOR
SEVERE DUTY



BUILT FOR SEVERE DUTY APPLICATIONS



Nameplate

- Stainless Steel
- Connection Diagram Included
- Etched Lettering



Construction

- Cast Iron Frame & Bearing Brackets
- Stainless Steel Drain & Breather Plugs
- Multi-Mount on 140 through 445 & N449 Frames
- Corrosion-Resistant ASTM Grade 5 Hardware
- IP55 and IP56 Protection
- Typical Unfiltered Vibration Levels of 0.08 Inches/Second or Less



Conduit Box

- Cast Iron Construction
- UL Ground Lug
- Compression-Type Terminal Lugs on 280 Frame & Larger
- Rotatable (90°)
- Potted Leads with Chico® Sealing Compound



Bearing System

- Oversized 300 Series Bearings on All Frames (DE & ODE)
- Regreasable 280 Frame & Larger
- Non-Sparking Brass V-Ring Slings
- Locked Drive-End Bearing 210 Frame & Larger
- Ball Bearing 143T Through 405T Frames
- Roller Bearing on 444T Frame & Larger (4- & 6-Pole)



Insulation System

- Class F Insulation Built with Class H Rated Materials
- Normally-Closed Winding Thermostats - Suitable for Both F-1 and F-2 Mounting Configurations
- T3C (160°C) Temperature Code Rating
- Suitable for ASD Operation (Frames 140 through 449T)



Testing

- 100% No-Load Commercial Test per IEEE 112 on All Motors
- On 440 Frame & Larger:
 - » Commercial Test & Vibration Test

