

LOW VOLTAGE MOTORS



XT

**Washdown
Duty**

TOSHWASH SS™

Reliability in motion®

- NEMA Premium® Efficiency
- Inverter Ready
- All Stainless Steel Construction
- TENV Designs 0.5 to 3 HP
- TEFC Designs 0.5 to 5 HP
- Increased Life Cycle

**Three Year
Warranty**

PRODUCT SCOPE	
Horsepower	0.5 to 5 HP
RPM	1800 or 1200 RPM
Voltage	230/460, 460, or 575 V
Enclosure	Totally-Enclosed Non Vent or Totally-Enclosed Fan Cooled
Frames	56C through 184TC
Insulation	Class-F Inverter Rated, Meeting NEMA MG 1 Part 31
Mounting	C-Face Footed or C-Face Round Body

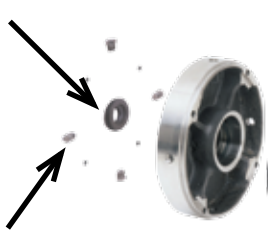
Designed for the Food and Pharmaceutical Industries

The Toshwash Stainless Steel Washdown Duty Motor, the Most Sanitary Motor in the Industry

The food and pharmaceutical industries are tough on motors. Even the best conventional motors fail quickly under the abuse of daily pressure washes and hot cleaning solutions required in these industries. Toshiba responds with a specially-designed, completely different type of motor.

Working with several major users in these industries, Toshiba developed one of the toughest motors available--the Toshwash Stainless Steel Washdown Duty. This motor approaches five times the normal lifecycle of other commercial washdown duty motors and offers the widest variety of TENV frame sizes available for food, pharmaceutical, and other applications requiring frequent washdowns.

Double-Lip Teflon Seal



Universal Mounting

- Removable Drain Plugs Every 90° on Each Bearing Bracket



O-Ring

- O-Ring Seal Between end Bracket and Motor Frame
- Prevents Liquid Intrusion During High Pressure Washdown

Rugged Electrical Design

- Class-F Premium Efficiency Design
- Insulation System Suitable for Use with an Adjustable Speed Drive per MG1 Part 31
- Multiple Layers of Non-Hydroxapic Varnish Protect from Condensation and other Moisture that may Become Trapped in the Motor

O-Ring

Sealed Bearings

300 Series Stainless Steel Shaft

Precision-Sealed Terminal Box

- Terminal Box Double O-Ring Sealed to Prevent the Intrusion of Contaminants
- Can be Rotated 180° for Ceiling Mount
- Top of Conduit Box Sloped to Move Liquid Contaminants Away from Motor
- Neoprene Lead Separator Gasket Between Frame and Conduit Box

Universal Mounting

Double-Lip Teflon Seal

- Designed to Prevent Intrusion of Contaminants with Low Mechanical Drag on Shaft
- Seal Material Provides Exceptional Resistance to Cleaning Agents

Construction

- All Stainless Steel Construction Provides Maximum Corrosion Resistance Against Chemicals Commonly Found in Washdown Environments
- Smooth Surface Facilitates Easy Cleaning
- TENV Enclosure Eliminates Potential for Continued Buildup



Engraved Nameplate

- Eliminates Dangerous Contaminant-Catching Edges
- Stands Up to Extremely High Pressure Washdowns



MOTORS ADJUSTABLE SPEED DRIVES CONTROLS UPS INSTRUMENTATION PLC

TOSHIBA

**TOSHIBA INTERNATIONAL CORPORATION
INDUSTRIAL DIVISION**

13131 West Little York Road, Houston, Texas 77041
Tel 713/466-0277 Fax 713/466-8773
US 800/231-1412 Canada 800/872-2192 Mexico 01/800/527-1204
www.toshiba.com/ind
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