

**LOW VOLTAGE MOTORS**



**Toshwash SS**

**XT**

**Washdown  
Duty**

**Reliability in motion<sup>®</sup>**

- Premium Efficiency
- Inverter Duty
- All Stainless Steel Construction
- TENV Designs 1/2 to 3 HP
- TEFC Designs 1/2 to 5 HP
- Increased Life Cycle

**3** Year  
Warranty

**PRODUCT SCOPE**

Horsepower	1/2 to 5 HP
Speed	1800 or 1200 RPM
Voltage	230/460, 460, or 575 V
Enclosure	Totally Enclosed Non-Ventilated & Totally Enclosed Fan Cooled
Frame Size	56C through 184TC
Construction	Stainless Steel
Insulation	Class F, Exceeds NEMA MG1 Part 31 (Inverter Duty)
Mounting	C-Face Footed or Footless

# DESIGNED FOR THE FOOD & PHARMACEUTICAL INDUSTRIES

Toshiba's Toshwash SS motor series has been built to meet the extreme demands of the food and pharmaceutical industries. The daily pressure washes and hot cleaning solutions in these industries require motors specifically designed to endure these conditions. Working with several major users in these industries, Toshiba developed one of the toughest motors available — the Toshwash SS, a washdown duty motor. This specially designed motor approaches five times the normal life cycle 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. This motor series exceeds NEMA MG1 Part 31 requirements and is suitable for indoor and outdoor applications.

**Double-Lip Teflon Seal**

**O-Ring**

- O-Ring Seal Between End Bracket & Motor Frame
- Prevents Liquid Intrusion During High Pressure Washdown

**Rugged Electrical Design**

- Class F Premium Efficiency Design
- Insulation System Suitable for Use with ASD per NEMA MG1 Part 31
- Multiple Layers of Non-Hygroscopic Varnish Protect from Condensation & Other Moisture that may Become Trapped in Motor

**Universal Mounting**

- Removable Drain Plugs Every 90° on Each Bearing Bracket & on Bottom & Side of Conduit Box
- Three T-Drains with Instructions Shipped Loose for Field Modification

**Precision-Sealed Terminal Box**

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

**O-Ring**

**Sealed Bearings**

**300 Series Stainless Steel Shaft**

**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

**Universal Mounting**

**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

Available Through:

**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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