

Washdown Application Solutions

Products specifically designed for the rugged and demanding environments required for Car Wash and other Washdown applications.



Applications

- Conveyors
- Packaging Machines
- Fans
- Pumps (Centrifugal, Positive Displacement, Progressive Cavity)
- Mixing Equipment

Stainless Steel Washdown Motors*



FEATURES:

- 1/2 - 10 HP; 3600, 1800 RPM
- 60 Hz - 230/ 460V (Usable on 208V), 50 Hz - 190/ 380V
- TENV and TEFC (IP56)
- C-Flange with Feet , also Available in a Round Body C-Face
- EISA Compliant with NEMA Premium Efficiencies
- 36 Month Warranty from Date of Manufacture
- Class B Temperature Rise, 40°C Ambient Temp., 1.15 Service Factor, Class F Insulation
- SUS304 Stainless Steel Shaft with Keyway and Key, Frame, End Brackets, Hardware
- Double Sealed Bearings Pre-Packed with MULTEMP SRL Grease
- Contact Lip Type Seal on Both Drive End and Opposite Drive End
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes of up to 2200V

Gear Reducers



FEATURES:

- Hollow Low Speed Shaft Available in AISI 304 or 316
- Specific Adhesive Nameplate for Aggressive Environments
- Specific Input Flange to Seal Reducer/Motor Coupling
- Anti-Corrosion Screws
- Shielded Bearings 2RS on Low Speed Shaft
- "Sealed" Casing
- Output Seals FDA Compliant
- Synthetic Oil Provided as Standard and Optional Class UH1 Food Grade Lubricant Available
- Anticorrosion Painting of Blue RAL 5010, Grey RAL 9006, and FDA Compliant White RAL 9010 Available



E510 Washdown Duty NEMA 4 AC Drives*

RATINGS:

- With Disconnect: 1/2 - 20 HP (230V, 3-Phase), 1 - 25 HP, (460V, 3-Phase)
- Without Disconnect: 1/2 - 3 HP (230V, 1-Phase), 1/2 - 15 HP (460V, 3-Phase)

FEATURES:

- Sensorless Vector and V/F Mode
- LCD Keypad with 5-Digit Display
- 0 - 599 Hz Speed Range
- PID Control
- Diagnostic Registers for Troubleshooting
- Built-in Modbus Protocol via RJ45 interface
- Dedicated Disable Shutdown Input
- Flexible Input/ Output Configurations that Accept Normally Open or Normally Closed
- UL, cUL, and CL approved
- Dynamic Braking Transistor as Standard
- Built-in PLC Functionality



* Contact factory for discounted pricing and extended warranty terms for motor and drive combination packages