

# Washdown Application Solutions

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



# Applications

- Conveyors
- Packaging Machines
- Fans
- Food Processing
- Pharmaceutical
- Beverage
- Pumps (Centrifugal, Positive Displacement, Progressive Cavity)
- Mixing Equipment
- Car Washes

## Stainless Steel Washdown Motors\*



### FEATURES:

- 1/2 - 10 HP; 3600, 1800 RPM, up to 20 HP Now Available
- 60 Hz - 230/ 460V (Usable on 208V), 50 Hz - 190/ 380V
- TENV up to 3 HP
- IP66
- 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
- Viton Double Contact Lip Type Seal on Both Drive End and opposite Drive End with O-Rings; Bearings Pre-Packed with Polyrex EM Grease
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes of up to 2200V
- Epoxy Incapsulation Available
- Epoxy Potted Leads in Conduit Threaded Cover Sealed with O-Rings
- End Frames are O-Ring and Contact Sealed

## E510 Washdown Duty/ Food Grade 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