

# Motor and AC Drive Washdown Solutions



**TECO**   **Westinghouse**



# NEMA 4 AC Drives

## MA7200 Plus



The MA7200 Plus and EV Micro Drive are versatile AC Drives designed to operate within harsh environments and are washdown duty capable.

### FEATURES:

- 1 - 20 hp, 230V and 460V, 50/ 60 Hz, 3-Phase
- NEMA 4/ 12 for Harsh Environments (Indoor Use Only)
- Sensorless Vector, V/ Hz, and PG Feedback Control
- 2 Line English LCD Keypad
- Enclosure Mounted Potentiometer
- Flexible Input/ Output Configurations
- 0 to 400 Hz Speed Range
- PID Control
- UL, cUL, and CE Approved
- Built-in RS485 Communications (Modbus) as Standard
- Diagnostic Registers for Troubleshooting
- Dynamic Braking Transistor as Standard
- Pump Control Software Package Included

### APPLICATIONS:

- Mixers
- Pumps
- Fans
- Conveyors
- Food, Beverage, and Pharmaceutical Processes

## EV Micro Drive



### FEATURES:

- .5 - 3 hp, 230V, 50/ 60 Hz, 1-Phase Input/ 3-Phase Output
- 1 - 3 hp, 460V, 50/ 60 Hz, 3-Phase
- NEMA 4, 4X for Harsh Environments (Indoor Use Only)
- Low Cost
- Space Saving Design
- Digital Keypad

# Stainless Steel Washdown Motors

### FEATURES:

- 1/2 - 10 hp; 3600, 1800 RPM
- 60 Hz - 230/ 460V (Usable on 208V), 50 Hz - 190/ 380V Data Also Available
- Totally Enclosed Fan Cooled Enclosure (IP56)
- C-Flange with Feet , also Available in a Round Body C-Face
- EISA Compliant with NEMA Premium Efficiencies
- Department of Energy Efficiency Certificate #CC002A
- 36 Month Warranty from Date of Manufacture
- 1.15 Service Factor – Continuous
- Class F Insulation with Phenolic Alkyd Resin Varnish - 2 Dips and Bakes
- Class B Temperature Rise
- NEMA Design B Torques
- Stainless Steel Frame, End Brackets and Hardware
- Stainless Oversized Main Conduit Box, Rotatable in 90 Degree Increments – F1 Mounted
- SUS304 Stainless Steel Shaft with Keyway and Key
- Designed for 40°C Ambient Temperature
- Designed for 3300 ft. Elevation
- Bi-Directional Rotation
- Four Drain Plugs in Cast Stainless End Brackets/ C-Flange
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Double Sealed Bearings Pre-Packed with MULTEMP SRL Grease
- Contact Lip Type Seal on Both Drive End and Opposite Drive End
- Grounding Terminal Inside Main Box
- Etched Nameplate on the Stainless Steel Frame
- 9 Leads, with Solderless Lug Terminals
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes of up to 2200V
- Precautions should be taken to eliminate or reduce shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG1, Part 31.4.4.3.



The stainless steel washdown motor is the perfect solution for any application where the motor will be subjected to high pressure spray down.