



APPLICATIONS:

- Pumps
- Fans & Blowers
- Compressors

FEATURES:

- 800 – 2,000 hp
- 3600, 1800, 1200, 900 RPM
- Totally Enclosed Fan Cooled (IP55)
- High Efficient Design
- 36 Month Warranty from Date of Manufacture
- 60 Hz, 2300/ 4160V
- Standard with 120V Space Heaters Terminated in Separate Auxiliary Box
- Standard with 100 Ohm Platinum Stator RTDs, 2 per Phase, Terminated in Separate Auxiliary Box
- 1.15 Service Factor – Continuous
- Class F with VPI Treatment of Solventless Epoxy Varnish Insulation
- Class B Temperature Rise
- NEMA Design B Torques
- Oversized Main Conduit Box Rotatable in 90 Degree Increments – Fully Gasketed with NPT Threaded Entrances - F1 Mounted.
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Cast Iron Frame, End Brackets, and Conduit Box
- Rolled Steel Fan Cover
- 1045 Carbon Steel Shaft
- Copper/ Copper Alloy Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Blue Gray – Munsell 7.5BG 4/ 2
- Vacuum De-Gassed Re-Greasable Ball or Roller Bearings Using Polyrex EM Grease
- Insulated Non – Drive-End Bearing on 500 Frames and Larger
- Labyrinth Type Metal Grease Flinger on Both Ends
- Dust Flinger on Both Ends
- Cast Iron Inner and Outer Bearing Caps
- Grounding Terminal Inside Main Box and on Motor Foot
- Stainless Steel Nameplate
- Suitable for Use on a VFD 2:1 CT; 4:1 VT - Notes (3)(4)(5)(6)
- 6 Leads
- CSA Approved
- **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.**

EXTRAS/ OPTIONS:

Please refer to the modifications document on our web site for a list of common modifications that can be performed.

Notes:

* **Win be discontinued soon and be replaced with AFHG Line.**

- (1) Please consult factory for suitability in higher ambients.
- (2) Please consult factory for suitability in higher elevations.
- (3) Service factor is 1.0 when motor is used on a VFD.
- (4) An isolation transformer or other method of mitigating common mode voltages from motor terminals must be utilized.
- (5) Please contact TWMC for variable and constant torque speed ranges.
- (6) **Please refer to page 132 to check out our accompanying TeamMaster starters.**