

ROLLED STEEL TEFC NEMA PREMIUM EFFICIENCY



TYPE AEGH, AEGHCF, AETHCF

Effective 05-01-13
Supersedes 08-01-11



APPLICATIONS:

- Fans & Blowers
- Pumps
- HVAC Equipment
- Compressors

FEATURES:

- 1/3 - 10 hp
- 3600, 1800, 1200 RPM
- Totally Enclosed Fan Cooled Enclosure (IP44)
- 36 Month Warranty from Date of Manufacture
- Meets or Exceeds NEMA Premium Efficiency Levels
- 60 Hz - 230/ 460V (Usable on 200 & 208V)
- 1.15 Service Factor - Continuous
- Class F Insulation with Phenolic Alkyd Resin Varnish
- Class B Temperature Rise
- NEMA Design B Torques
- Oversized Main Conduit Box Rotatable in 90 Degree Increments - F1 Mounted
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bidirectional Rotation
- Rolled Steel Frame, Fan Cover, and Conduit Box
- Cast Iron End Brackets
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Blue - Munsell 5PB 3/ 8
- Double Shielded Bearings Pre-Packed with MULTEMP SRL Grease
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes of up to 2200 V
- **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.**
- Speed Ranges: 20:1 VT, 10:1 CT
- 9 Leads - 5 hp and Below, 12 Leads for 7.5 hp and larger

EXTRAS/ OPTIONS:

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

Notes:

- (1) Please consult factory for suitability in higher ambients.
- (2) Please consult factory for suitability in higher elevations.