

# ROLLED STEEL TEFC

## FEATURES



**MODEL:** ROLLED STEEL TEFC  
**TYPE:** AEGH/AEGHPE



Effective 02-09-23  
Supercedes All Previous

### APPLICATIONS

- Fans & Blowers
- Compressors
- Pumps
- HVAC Equipment

### PRODUCT OVERVIEW

- 1/4-10 HP
- 56/56C Frame Available 1/4-3 HP
- 60Hz, 230/460V, or 575V
- 3600, 1800 & 1200 RPM
- Totally Enclosed Fan Cooled IP44 Design
- Horizontal F1 Mount
- NEMA Premium Efficiency (T Frame)
- MEPS Efficiency (56 Frame)

### DESIGN FEATURES

- 1.15 S.F. Sine Wave Power; 1.0 S.F. VFD Power
- Continuous Duty
- Class F Insulation
- NEMA Design B
- 40°C Ambient
- Max Elevation 3300 ft

### MECHANICAL FEATURES

- Shielded Bearings
- Multemp SRL Grease
- Aluminum Rotor
- Rolled Steel Frame with Cast-Iron End Brackets
- Rolled Steel Conduit Box
- Number of Leads 230/460V: 9 Leads 1/4-5 HP; 12 Leads 7.5 and Larger; 575V: 3 Leads
- Solderless Lug Terminals on All Leads
- Grounding Terminal Inside Main Terminal Box
- Plastic Fan
- Paint System: Phenolic Rust Proof Base with Lacquer Top Coat
- Stainless Steel Nameplate
- Rubber Flinger on DE
- \*HPE™ High Pulse Endurance Spike Resistant Wire
- Phenolic Alkyd Resin Varnish
- Bi-Directional Rotation
- 230/460V Motors Usable on 208V (Sinusoidal Power Only)

### OTHER FEATURES

- CSA Certified, UL recognized and CE marked
- CSA Energy Efficiency Verification (EEV)
- \*Meets NEMA MG1 Part 31.4.4.2
- \*Speed Range 10:1 CT, and 20:1 VT

\* Precautions should be taken to eliminate or reduce voltage spikes and shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG1, Part 31.4.4.