

ROLLED STEEL TEFC

FEATURES



MODEL: ROLLED STEEL TEFC
TYPE: AEGH/AEGHPE



Effective 03-05-16
Supercedes All Previous

APPLICATIONS

- Fans & Blowers
- Compressors
- Pumps
- HVAC Equipment

PRODUCT OVERVIEW

- 1/4-10HP
- 60Hz, 230/460V (Usable on 208V), or 575V
- 3600, 1800 & 1200 RPM
- Totally Enclosed Fan Cooled IP44 Design
- Horizontal F1 Mount
- NEMA Premium Efficiency

DESIGN FEATURES

- 1.15 S.F.
- Continuous Duty
- Class F Insulation
- NEMA Design B
- Class B Temperature Rise
- 40°C Ambient
- Max Elevation 3300ft

MECHANICAL FEATURES

- Oversized, Double Shielded Vacuum Degassed Ball Bearings
- Multemp SRL Grease
- Dynamically Balanced Die-Cast Aluminum Rotor
- Rolled Steel Frame with Cast-Iron End Brackets
- Rolled Steel Conduit Box; 90 Degree Rotatable, Oversized and Gasketed
- Number of Leads 230/460V: 9 Leads 1/4-5HP; 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

OTHER FEATURES

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

* 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.