

# OIL WELL PUMP TEFC



TYPE: AEEAFP - STANDARD EFFICIENCY

Effective 06-14-15  
Supersedes 05-01-13



## APPLICATIONS:

- Oil Well Pumps
- Any Applications Requiring NEMA Design D Torques

## FEATURES:

- 5 - 125 HP
- 1200 RPM
- Totally Enclosed Fan Cooled (IP 54)
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/460V
- 1.15 Service Factor - Continuous
- Class F Insulation with Phenolic Alkyd Resin Varnish - 2 Dips and Bakes
- Class B Temperature Rise
- Standard with Klaxon 9700K Temperature Limiting Switch
- NEMA Design D Torques
- 5% Minimum Slip
- Oversized Main Conduit Box Rotatable in 90 Degree Increments - Fully Gasketed with NPT Threaded Inlet - F2 Mounted. F1 Available - See "EXTRA/OPTIONS" below
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bi-Directional Rotation
- Cast Iron Frame with two drain holes; Cast Iron End Brackets and Conduit Box
- 1045 Carbon Steel Shaft with key way and key
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base with Alkyd finish
- Paint Color: Blue Gray (Munsell N9.5)
- Vacuum De-Gassed Roller Bearings with Shell Alvania R3 LI-Base grease
- Double Shielded Bearings on Frames 215T-286T Pre-Packed with MULTEMP SRL Grease
- Labyrinth Type Metal Flinger on Both Ends for Frames 324T and Larger
- Cast Iron Inner and Outer Bearing Caps for Frames 324T and Larger
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- 6 or 12 Leads
- **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 30.**
- VFD Compatible

## EXTRAS/ OPTIONS:

Please refer to the modifications document on our web site for 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.