



**MODEL:** OPTIM<sup>®</sup> OILWELL

**TYPE:** AEEAFP

Effective 02-09-23  
Supercedes All Previous

### APPLICATIONS

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

### PRODUCT OVERVIEW

- 3.5-125 HP
- 1200 RPM
- Horizontal F2 Mount
- 60Hz, 460V
- Totally Enclosed, IP54 Design

### DESIGN FEATURES

- 1.15 S.F.
- Class F Insulation
- 40°C Ambient
- Triple HP Ratings
- Continuous Duty
- NEMA Design D
- Max Elevation 3300ft

### MECHANICAL FEATURES

- Shielded Bearings Frames 140T-280T and Open Bearings with Regreaseable Provisions Frames 280TS, 320T and Larger
- Polyrex EM Grease in all Regreaseable Bearings, Multemp SRL Grease in Shielded Bearings
- Aluminum Rotor
- Cast-Iron Frame, Fan Cover, Conduit Box and End Brackets
- Non-Sparking Plastic Fan
- Number of Leads 460V: 12 Leads
- Solderless Lug Terminals on All Leads
- Grounding Terminal Inside Main Terminal Box and on Frame
- Interchangeable F1 and F2 mounting
- Paint System: Phenolic Rust Proof Base with Lacquer Top Coat
- Stainless Steel Nameplate
- Rubber Flinger on DE up to 280T; Steel Flinger on Both Ends 320T and Larger
- Phenolic Alkyd Resin Varnish with Red Varnish Coating
- Klaxon 9700K Thermostats – 1 per phase

### OTHER FEATURES

- CSA Certified