

# CAST IRON ODP



**TYPE: ASHH - NEMA PREMIUM**

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



## APPLICATIONS:

- Fans & Blowers
- Pumps
- Compressors
- HVAC Equipment
- Fire Pumps (See option below)



## FEATURES:

- 1 - 500 HP
- 3600, 1800, 1200 RPM
- Open Drip Proof Enclosure (IP22 Rating)
- NEMA Premium Efficiency
- CE Mark on Nameplate
- Department of Energy Efficiency Certification #CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/ 460V (Usable on 208V). 150 HP and Larger is 460V Only
- Available in 575V - Note (1)
- 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. F2 Available – See EXTRAS/ OPTIONS Below
- Designed for 40°C Ambient Temperature - Note (2)
- Designed for 3300 ft. Elevation - Note (3)
- Bi-Directional Rotation
- Cast Iron Frame and End Brackets
- Rolled Steel Conduit Box
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Blue Gray – Munsell N5
- Vacuum De-Gassed Regreasable Ball (or Roller) Bearings on Frames 280TS - 5009 Using Polyrex EM Grease
- Double Shielded Bearings on Frames 140T-280T Pre-Packed with MULTEMP SRL Grease
- Labyrinth Type Metal Flinger on Both Ends for Frames 280TS - 5009
- Cast Iron Inner and Outer Bearing Caps for Frames 280TS - 5009
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- Inverter Duty Magnet Wire Rated per NEMA MG1, Part 31, 4.4.2 - Note (4)
- Speed Ranges: 20:1 VT, 10:1 CT
- 9 Leads - 5 HP and Below, 12 Leads - 7.5 HP to 125 HP, 6 Leads - 150 HP and Larger
- Motors are UL Recognized, CSA Approved, and CE Marked

## UL Fire Pump Features

- Complies with ANSI/UL 1004-5 "Fire Pump Motors." Certificate #20120717 - EX6569
- Available Option: Safety Red Epoxy Paint (Factory Modification #M18).

## EXTRAS/ OPTIONS:

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

## Notes:

- (1) TWMC carries minimal 575V stock. Please check availability to ensure required motors are in stock. Ratings may be available from our Canadian warehouses or from our factory. Pricing and leadtime may vary.
- (2) Please consult factory for suitability in higher ambients.
- (3) Please consult factory for suitability in higher elevations.
- (4) Motor service factor is 1.0 when operated on a VFD.