

HIGH EFFICIENCY ODP



Effective 08-01-06
Supersedes 08-22-05

TYPE ASHE



APPLICATIONS:

- Fans & Blowers
- Pumps
- Compressors

FEATURES:

- 1 - 400 HP
- 3600, 1800, 1200 RPM
- Open Drip Proof Enclosure (IP22 Rating)
- High Efficient Design
- Noted Ratings Meet NEMA Premium Efficiency Levels
- Department of Energy Efficiency Certification # CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/460 V (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 Bells
- Rolled Steel Conduit Box for 360T Frame and Smaller. Cast Iron Conduit Box for Frames 400T-449T/TS
- 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-449T/TS 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 to 449T/TS
- Cast Iron Inner and Outer Bearing Caps for Frames 280TS to 449T/TS
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- HPE Stator 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 and CSA Approved

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 at a higher price, or from our factory with longer lead time.
- (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.