

ODP ROLLED STEEL FAMILY



TYPE ASGH (140~280 FRAME) NEMA PREMIUM

Effective 08-01-11
Supercedes 12-01-09

TYPE ASGA (56 FRAME), ASGAJP/JM



APPLICATIONS:

- Fans & Blowers
- Pumps
- HVAC Equipment
- Compressors

FEATURES:

- 1/3 - 40 hp
- 3600, 1800, 1200 RPM
- Open Drip Proof (IP22)
- Available in Horizontal Foot Mounted or JP/JM Frame Configurations
- Meets or Exceeds EISA Requirements
- Department of Energy Efficiency Certification #CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/ 460V (Usable on 200V and 208V)
- 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 for Frames 180T-280T – See EXTRAS/ OPTIONS Below
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bidirectional Rotation
- Rolled Steel Frame and 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: ASGA Light Gray - Munsell N5.0, ASGH Blue - Munsell 5PB 3/8
- Double Shielded Bearings Pre-Packed with MULTEMP SRL Grease
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- VFD Rated per NEMA MG1, Part 30, 4.4.2 - Note (3)(4)
- Speed Ranges: 20:1 VT, 10:1 CT
- 12 Leads - 7.5 hp and Up; 9 Leads for all Others
- Motors are UL Recognized, CSA Approved, and CE Marked
- 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 31.4.4.3.

EXTRAS/ OPTIONS:

Please [click here](#) for a list of 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.
- (3) Motor service factor is 1.0 when operated on a VFD.
- (4) Maximum lead length is 150 feet with a carrier frequency of 3 kHz. Addition of output reactor or filter may allow for increased carrier frequency. Please contact TWMC if lead length and carrier frequency surpass these values.