ROLLED STEEL ODP

TYPE: **ASGH (140~280 FRAME) HIGH EFFICIENCY**

EFFECTIVE:01-01-2015
EXPIRES:UFN

AEGIS SHAFT GROUND RING INSTALLED

APPLICATIONS:

■ Fans & Blowers ■ Pumps ■ Compressors ■ HVAC Equipment	**The AEGIS® SGR Bearing Protection Ring prevents electrical bearing fluting damage by safely diverting harmful shaft voltages and bearing currents to ground. Using proprietary Electron Transport Technology™, the conductive microfibers™ inside the AEGIS® SGR provide the most reliable current diversion technology for shaft grounding with a "path of least resistance" to dramatically extend motor life.**

FEATURES:

- 1 - 40 HP
- 3600, 1800, 1200 RPM
- Open Drip Proof (IP22)
- Available in Horizontal Foot Mounted or JM/JP Frame Configurations
- Meets or Exceeds EISA Requirements
- Department of Energy Efficiency Certificate # CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/460V (Usable on 200 & 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 (Epact Only), NEMA P Frame not centered. See "EXTRA/OPTIONS" Below
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bi-Directional 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 31.4.4.2 - Note (3) (4)
- Speed Ranges: 20:1 VT, 10:1 CT
- 12 Leads - 7.5 HP and larger, 9 Leads for all other motors
- Motors are U.L. 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. (Part 30 for ASGA and ASGA JP/JM)

EXTRAS / OPTIONS:

Please refer to Factory Modification Tabs which show common modifications that can be performed.

NOTES:

(1) Please consult factory for suitablity in higher ambients.
(2) Please consult factory for suitablity 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 3kHz. Addition of output reactor or filter may allow for increased carrier frequency. Please contact TWMC if lead length and carrier frequency surpass these values.