### CAST IRON ODP AEGIS® SGR

**ASHH, NEMA PREMIUM WITH AEGIS® SGR [DHP_G]**

**APPLICATIONS:**
- Fans & blowers
- HVAC equipment
- Pumps
- Compressors

The AEGIS® SGR Bearing Protection Ring aids in preventing 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 reliable current diversion technology for shaft grounding with a "path of least resistance" to dramatically extend motor life. **AEGIS® Shaft Grounding Rings have a warranty of 1 year.**

### FEATURES:
- **Output Range:** 1 – 75 HP
- **Speed:** 3600, 1800 & 1200 RPM
- **Enclosure:** Open Drip Proof (IP22)
- **Voltage:** 230/460V (Usable on 208V); 150HP and Larger is 460V Only(1)
- **Speed:** Three Phase, 60 Hz, 1.15 Service Factor (Continuous); 50 Hz, 1.0 Service Factor (Continuous)
- **Grounding Ring Factory Installed Externally on DE Bracket for F# 143T - 286T; Internally on NDE for F# 284TS - 405T**
- **Class F Insulation**
- **Class B Temperature Rise**
- **NEMA Design B Torques**
- **Cast Iron Frame and End Brackets**
- **Rolled Steel Main Conduit Box**
- **Grounding Terminal Inside Main Conduit Box**
- **Oversized Main Conduit Box Rotatable in 90 Degree Increments - F1 Mounted**
- **Designed for 40°C Ambient Temperature(2)**
- **Designed for 3300 ft. Elevation(3)**
- **Bi-Directional Rotation**
- **1045 Carbon Steel Shaft**
- **Aluminum Die Cast Squirrel Cage Rotor Construction**
- **Paint System:** Phenolic Rust Proof Base Plus Polyurethane Top Coat
- **Paint Color:** Light Gray - Munsell N5.0
- **Double Shielded Bearings Pre-Packed with MULTEMP SRL for F# 140T - 280T (Non-regreasable)**
- **High Quality Ball (or Roller) Bearings regreasable with Mobil Polyrex™ EM for F# 280TS and Larger**
- **Labyrinth Type Metal Flinger on Both Ends for F# 280TS and Larger**
- **Cast Iron Inner and Outer Bearing Caps for F#280TS and Larger**
- **Stainless Steel Nameplate**
- **New Dual Column Design Nameplate as Standard (60/50 Hz)**
- **Suitable for Inverter Use per NEMA MG-1.4.4.2, Part 31(3,4)**
- **Inverter Duty Speed Range: 20:1 Variable Torque, 10:1 Constant Torque**
- **9 Leads for 5 HP and Smaller;**
- **12 Leads for 7.5 HP to 125 HP;**
- **6 Leads for 150 HP and Larger**
- **Motors are U.L. Recognized, CSA Approved and CE Marked**

### EXTRAS/OPTIONS:

Please refer to the modifications document for common modifications that can be performed.

**Notes:**
1. Available in 575V. TWMC carries minimal 575V stock; please check availability to ensure required motors are in stock. Ratings may be available from our Canadian warehouses and/or our factory. Pricing and leadtime may vary.
2. Consult a Stock Product Application Specialist for suitability in higher ambient environments.
3. Consult a Stock Product Application Specialist for suitability at higher elevations.
4. Motor service factor is 1.0 when operated on a VFD.
5. Precautions should be taken to eliminate or reduce shaft currents that may be imposed on the motor by the VFD as stated per NEMA MG-1. Part 31.
6. AEGIS® SGR Bearing Protection Ring can not be used in Hazardous Locations (i.e. Class I, Div. 2, etc.)

www.tecowestinghouse.com or call 1-800-USE-TECO

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*Supercedes 03-24-17*