

# ROLLED STEEL TEFC



TYPE: AEGH - NEMA PREMIUM

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

**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. AEGIS® SGR Rings have a warranty of 1 year.

## FEATURES:

- 1 - 10 HP
- 3600, 1800, 1200 RPM
- Totally Enclosed Fan Cooled Enclosure (IP44)
- 36 Month Warranty from Date of Manufacture
- Meets or Exceeds NEMA Premium Efficiency Levels
- 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
- Designed for 40°C Ambient Temperature - Note (1)
- Designed for 3300 ft. Elevation - Note (2)
- Bi-Directional Rotation
- Rolled Steel Frame, Fan Cover, and Conduit Box
- Cast Iron End Brackets
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Blue - Munsell 5PB 3/ 8
- Double Shielded Bearings Pre-Packed with MULTEMP SRL Grease
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- Inverter Duty Magnet Wire Capable of Withstanding Voltage Spikes of up to 2200V
- Speed Ranges: 20:1 VT, 10:1 CT
- 9 Leads - 5 HP and Below, 12 Leads for 7.5 HP and larger

## EXTRAS/ OPTIONS:

Please refer to pages 114 - 119 for 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.

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**TYPE: AEGH - NEMA PREMIUM EFFICIENCY**  
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CATALOG NO.	HP	RPM	FL EFF (%)	FL PF (%)	FL AMPS (230V)	FRAME	APPROX SHIPPING WT. (lbs.)	LIST PRICE (\$)
GP0012G	1	3600	80.0	85.5	2.74	143T	33	509
GP0014G	1	1800	85.5	75.5	2.90	143T	41	513
GP0016G	1	1200	82.5	66.0	3.44	145T	43	646
GP1/52G	1.5	3600	85.5	83.0	3.96	143T	33	584
GP1/54G	1.5	1800	86.5	80.5	4.03	145T	46	587
GP1/56G	1.5	1200	87.5	55.0	5.84	182T	75	690
GP0022G	2	3600	86.5	85.0	5.09	145T	41	598
GP0024G	2	1800	86.5	79.0	5.48	145T	46	611
GP0026G	2	1200	88.5	64.5	6.56	184T	97	768
GP0032G	3	3600	87.5	87.5	7.34	182T	84	726
GP0034G	3	1800	89.5	74.0	8.48	182T	69	709
GP0036G	3	1200	89.5	68.0	9.23	213T	145	992
GP0052G	5	3600	89.5	90.0	11.60	184T	97	885
GP0054G	5	1800	89.5	80.0	13.10	184T	94	806
GP0056G	5	1200	90.2	73.5	14.10	215T	189	1,390
GP7/52G	7.5	3600	90.2	84.5	18.40	213T	141	1,174
GP7/54G	7.5	1800	91.7	83.0	18.50	213T	135	1,178
GP0102G	10	3600	91.0	86.0	23.90	215T	186	1,338
GP0104G	10	1800	91.7	85.0	24.00	215T	183	1,390