

CAST IRON ODP



TYPE: ASHH - NEMA PREMIUM

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

AEGIS SHAFT GROUND RING INSTALLED



APPLICATIONS:

- Fans & Blowers
- HVAC Equipment
- Pumps
- Compressors

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 - 75 HP
- 3600, 1800, 1200 RPM
- Open Drip Proof Enclosure (IP22 Rating)
- NEMA Premium Efficiency
- CE Mark on Nameplate
- Department of Energy Efficiency Certification #CC002A
- 36 Month Warranty from Date of Manufacture
- 60 Hz - 230/ 460V (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 Brackets
- Rolled Steel 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: Blue Gray – Munsell N5
- Vacuum De-Gassed Regreasable Ball (or Roller) Bearings on Frames 280TS - 5009 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 - 5009
- Cast Iron Inner and Outer Bearing Caps for Frames 280TS - 5009
- Grounding Terminal Inside Main Box
- Stainless Steel Nameplate
- Inverter Duty Magnet 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, CSA Approved, and CE Marked

EXTRAS/ OPTIONS:

Please refer to pages 114 - 119 for common modifications that can be performed.

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 or from our factory. Pricing and leadtime may vary.
- (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.

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CATALOG NO.	HP	RPM	FRAME	FL EFF (%)	FL PF (%)	FL AMPS (460V)	APPROX. SHIPPING WT. (lbs.)	LIST PRICE (\$)
DHP0014G	1	1800	143T	85.5	78.0	1.40	54	477
DHP0016G	1	1200	145T	82.5	65.5	1.70	75	601
DHP1/52G	1.5	3600	143T	85.5	80.0	2.10	50	507
DHP1/54G	1.5	1800	145T	86.5	80.5	2.00	60	524
DHP1/56G	1.5	1200	182T	87.5	63.0	2.50	123	668
DHP0022G	2	3600	145T	85.5	84.5	2.60	57	565
DHP0024G	2	1800	145T	86.5	79.5	2.70	58	552
DHP0026G	2	1200	184T	87.5	71.0	3.00	130	800
DHP0032G	3	3600	145T	87.5	87.0	3.70	66	620
DHP0034G	3	1800	182T	89.5	81.0	3.90	117	650
DHP0036G	3	1200	213T	88.5	77.0	4.10	183	1,075
DHP0052G	5	3600	182T	87.5	91.0	5.90	120	750
DHP0054G	5	1800	184T	89.5	84.5	6.20	145	780
DHP0056G	5	1200	215T	89.5	79.0	6.60	195	1,250
DHP7/52G	7.5	3600	184T	88.5	91.5	8.70	134	923
DHP7/54G	7.5	1800	213T	91.0	86.0	9.00	187	1,150
DHP7/56G	7.5	1200	254T	90.2	79.0	9.90	260	1,669
DHP0102G	10	3600	213T	90.2	88.0	11.80	190	1,157
DHP0104G	10	1800	215T	91.7	87.0	11.70	215	1,236
DHP0106G	10	1200	256T	91.7	81.0	12.60	329	1,878
DHP0152G	15	3600	215T	90.2	87.5	17.80	220	1,498
DHP0154G	15	1800	254T	93.0	84.5	17.90	247	1,678
DHP0156G	15	1200	284T	91.7	83.0	18.50	367	2,485
DHP0202G	20	3600	254T	91.0	90.5	22.80	233	1,934
DHP0204G	20	1800	256T	93.0	86.5	23.30	350	2,042
DHP0206G	20	1200	286T	92.4	83.5	24.30	392	2,977
DHP0252G	25	3600	256T	91.7	92.0	27.70	317	2,257
DHP0254G	25	1800	284T	93.6	87.0	28.70	352	2,500
DHP026G	25	1200	324T	93.0	83.0	30.30	568	3,671
DHP0302G	30	3600	284TS	92.4	90.5	33.60	405	2,746
DHP0304G	30	1800	286T	94.1	87.0	34.30	429	2,903
DHP0306G	30	1200	326T	93.6	83.5	35.90	640	4,098
DHP0402G	40	3600	286TS	92.4	91.5	44.30	442	3,473
DHP0404G	40	1800	324T	94.1	86.0	46.30	608	3,581
DHP0406G	40	1200	364T	94.1	87.0	45.70	835	5,081
DHP0502G	50	3600	324TS	93.0	86.0	58.50	552	4,258
DHP0504G	50	1800	326T	94.5	85.0	58.30	629	3,989
DHP0506G	50	1200	365T	94.1	86.0	57.80	766	5,967
DHP0602G	60	3600	326TS	93.6	87.0	69.00	614	4,981
DHP0604G	60	1800	364T	95.0	85.0	69.60	735	5,024
DHP0606G	60	1200	404T	94.5	85.5	69.50	1,100	7,180
DHP0752G	75	3600	364TS	94.1	90.5	82.50	704	6,544
DHP0754G	75	1800	365T	95.0	86.0	86.00	850	5,898
DHP0756G	75	1200	405T	94.5	86.5	86.00	1,210	8,509

Notes:

- (1) To order 575V , please add "5" to the end of Catalog Number as shown, for example: "DHP00545" for 5 HP, 1800 RPM, 575V.
- (2) "R" = Motor stocked standard with a drive-end roller bearing.
- (3) Motors larger than 75 HP with SGR can be quoted and provided upon request