



APPLICATIONS:

- Pumps
- Fans & Blowers
- Compressors

FEATURES:

- Output Range: 100 - 2000 HP
- Speed: 3600, 1800, 1200 & 900 RPM⁽¹⁾
- Enclosure: Weather Protected Type I (WPI)
- Voltage: 2300/4000V
- Three Phase, 60 Hz, 1.15 Service Factor (Continuous)
- Standard Features: 100 Ohm Platinum Stator RTD's (2 per Phase), Space Heaters (120V)
- Standard Features: Pre-Drilled & Plugged Bearing Bracket for 100 Ohm Platinum Bearing RTD's on 5000 Frames & Above
- Standard Features: Pre-Drilled & Spot Faced on Top of End Bracket for Vibration Detectors on 5000 Frames and Above
- Class F Insulation
- Class B Temperature Rise
- NEMA Design B Torques
- Oversized Main Conduit Box Rotatable in 90 Degree Increments Fully Gasketed with NPT Threaded Entrance - F1 Mounted
- Designed for 40°C Ambient Temperature⁽²⁾
- Designed for 3300 ft. Elevation⁽³⁾
- Rotation: F#447-449: Bi-Directional. F#5000-5813: Bi-Directional. 2 Pole Motors F# 5000 or Larger are Uni-Directional, Counter-Clockwise (CCW) facing the Drive End
- 1045 Carbon Steel Shaft
- Aluminum Die Cast Squirrel Cage Rotor Construction for F#449T and Below
- Squirrel Cage Copper or Copper Alloy Bar Rotor Construction for F#5000 and Larger
- Paint System: Phenolic Rust Proof Base Plus Polyurethane Top Coat
- Paint Color: Dark Gray - Munsell 7.5B 3.5/0.5
- High Quality Ball (or Roller) Bearings Regreasable with Mobil Polyrex™ EM
- Insulated Non-Drive End Bearing on 3600 RPM Motors; 600 HP and Larger
- Labyrinth Type Metal Flinger on Both Ends
- Cast Iron Inner and Outer Bearing Caps
- Grounding Terminal Inside Main Box and on Motor Foot
- Stainless Steel Nameplate
- Suitable for Inverter Use per NEMA MG-1 Part 31.4.4.2^(4,5)
- 6 Leads
- Motors are CSA Approved
- 2 Pole Motors 600 HP and Larger are Form Wound and Insulated Non-Drive End Bearing.

EXTRAS/ OPTIONS:

Please refer to pages 147 - 154 for common modifications that can be performed.

Notes:

- (1) Slower speeds available as Made to Order.
- (2) Consult a Stock Product Application Specialist for suitability in higher ambient environments, and for variable and constant torque speed ranges.
- (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. An isolation transformer or other method of mitigating common mode voltages from motor terminals must be utilized. Please refer to page 209 to check out our accompanying TEAMMaster™ starters.

GLOBAL MAX WPI



AMHGTK, NEMA PREMIUM, MEDIUM VOLTAGE [PG]

Effective 07-08-18
Supersedes 03-24-17



CATALOG NO.	HP	RPM	FRAME	FL EFF (%)	FL PF (%)	FL AMPS (2300V)	APPROX. SHIPPING WT. (lbs.)
PG1002	100	3600	447TS	92.0	87.2	23.0	1,760
PG1004	100	1800	447T	93.7	82.5	24.0	2,050
PG1006	100	1200	447T	94.6	78.1	25.0	1,920
PG1008	100	900	447T	93.2	74.9	27.0	2,310
PG1252	125	3600	447TS	93.1	88.4	28.0	1,800
PG1254	125	1800	447T	94.2	80.5	31.0	2,100
PG1256	125	1200	449T	94.7	78.9	31.0	2,120
PG1258	125	900	449T	93.3	77.0	33.0	2,530
PG1502	150	3600	447TS	93.1	88.0	34.0	1,870
PG1504	150	1800	449T	94.8	83.9	35.0	2,360
PG1506	150	1200	449T	94.8	77.9	38.0	2,180
PG1508	150	900	449T	93.4	75.7	40.0	3,260
PG2002	200	3600	449TS	93.7	87.4	46.0	1,900
PG2004	200	1800	449T	94.9	82.3	48.0	2,380
PG2006	200	1200	449T	94.9	77.9	51.0	2,270
PG2008	200	900	5009B	93.5	73.0	55.0	3,550
PG2502	250	3600	449TS	94.5	89.3	55.0	2,020
PG2504	250	1800	449T	95.0	82.2	60.0	2,490
PG2506	250	1200	449T	95.0	78.4	63.0	2,340
PG2508	250	900	5009B	93.6	75.5	66.0	3,990
PG3002	300	3600	449TS	94.5	89.1	67.0	2,100
PG3004	300	1800	449T	95.0	83.8	71.0	2,550
PG3006	300	1200	449T	95.0	77.7	76.0	2,490
PG3008	300	900	5011B	93.7	75.5	79.0	4,380
PG3502	350	3600	5009A	94.5	88.1	79.0	3,580
PG3504	350	1800	5009B	95.0	84.3	82.0	3,330
PG3506	350	1200	5009B	95.0	76.5	90.0	3,770
PG3508	350	900	5011B	93.8	75.0	93.0	4,710
PG4002	400	3600	5009A	94.5	87.9	90.0	3,700
PG4004	400	1800	5009B	95.0	84.0	94.0	3,420
PG4006	400	1200	5009B	95.1	76.0	104	3,850
PG4008 ⁽³⁾	400	900	5012B	93.9	73.5	109	4,820
PG4502	450	3600	5009A	94.5	87.0	102	3,800
PG4504	450	1800	5009B	95.0	84.1	105	3,520
PG4506	450	1200	5011B	95.2	75.0	118	3,720
PG4508	450	900	5810B	94.0	78.5	114	6,160
PG5002	500	3600	5011A	94.5	89.2	111	3,900
PG5004	500	1800	5009B	95.0	84.8	116	3,720
PG5006	500	1200	5011B	95.3	77.0	128	3,920
PG5008	500	900	5810B	94.1	77.7	128	6,450
PG6002	600	3600	5011A	95.0	89.2	133	4,000
PG6004	600	1800	5011B	95.4	85.5	138	3,770
PG6006	600	1200	5011B	95.4	77.0	153	4,250
PG6008	600	900	5810B	94.2	78.0	153	6,600
PG7002	700	3600	5011A	95.0	89.6	154	4,200
PG7004	700	1800	5011B	95.4	85.7	161	4,100
PG7006 ⁽³⁾	700	1200	5012B	95.5	77.3	178	4,850
PG7008	700	900	5811B	94.3	78.0	178	6,880
PG8002	800	3600	5011A	95.0	88.6	178	4,400
PG8004 ⁽³⁾	800	1800	5012B	95.4	85.9	183	4,300
PG8006	800	1200	5810B	95.6	81.0	193	5,940
PG8008	800	900	5811B	94.4	79.0	201	7,100
PG9002 ⁽³⁾	900	3600	5012A	95.0	90.3	197	4,600
PG9004 ⁽³⁾	900	1800	5012B	95.4	85.5	207	4,400
PG9006	900	1200	5810B	95.7	81.5	216	6,230
PG9008	900	900	5812B	94.5	79.1	225	7,700
PG10002 ⁽³⁾	1000	3600	5012A	95.0	88.5	223	4,730
PG10004	1000	1800	5810B	95.5	87.9	223	6,890
PG10006	1000	1200	5811B	95.8	82.3	238	6,980
PG12502	1250	3600	5810A	95.4	88.5	278	5,740
PG12504	1250	1800	5811B	95.8	86.1	284	7,070
PG12506	1250	1200	5812B	95.9	82.9	294	7,660
PG15004	1500	1800	5812B	95.8	86.7	339	7,790
PG17504	1750	1800	5813B	95.8	87.1	393	8,390
PG20004	2000	1800	5813B	95.9	86.4	452	8,400

Notes:

- (1) 1. Data subject to change without notice.
- (2) All motors are NEMA B torque.
- (3) F#5012 is double drilled for 5011/12 mounting holes.