PGM500 Series

- Three-piece construction for distribution flexibility
- Aluminum pumping sections for light weight
- Journal bushings for long life
- Pressure balanced bushing blocks for high efficiency
- Available with either aluminum or cast iron mounting flange and rear cover

Parker's PGM500 Series fixed displacement gear motors offer cost effective, high power density due to their aluminum, bushing block construction, making them ideal in a broad selection of markets such as Material Handling, Agriculture, Turf, as well as a variety of industrial applications. They are available as single or multi-section motors.

Applications – Turf Deck motors, Winch, Fan Drive motors, Pump Drive, Saw motors, Outdoor Power Equipment

Markets – Vocational & Municipal, Agriculture, Construction, Forestry, Material Handling, Turf

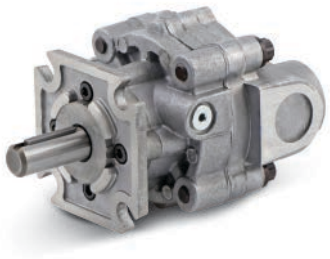
PGM505 Frame Size	0020	0030	0040	0050	0060	0070	0080	0090	0100	0110	0120
Displacement – cm^3/rev (in^3/rev)	2 (0.12)	3 (0.18)	4 (0.24)	5 (0.31)	6 (0.37)	7 (0.43)	8 (0.49)	9 (0.55)	10 (0.61)	11 (0.67)	12 (0.73)
Max continuous pressure – bar (psi)	275 (3,988)	275 (3,988)	275 (3,988)	275 (3,988)	275 (3,988)	275 (3,988)	275 (3,988)	250 (3,625)	250 (3,625)	250 (3,625)	220 (3,190)
Max Speed – RPM	4,000	4,000	4,000	4,000	3,600	3,300	3,000	2,900	2,800	2,400	2,400
Approximate Weight – Lbs. [kg]	3.80 [1.72]	4.91 [2.22]	5.02 [2.27]	5.13 [2.32]	5.26 [2.38]	5.37 [2.43]	5.48 [2.48]	5.59 [2.53]	5.70 [2.58]	5.81 [2.63]	5.92 [2.68]

PGM511 Frame Size	0060	0070	0080	0100	0110	0140	0160	0180	0190	0210	0230	0270	0280	0310
Displacement – cm^3/rev (in^3/rev)	6 (0.37)	7 (0.43)	8 (0.49)	10 (0.61)	11 (0.67)	14 (0.85)	16 (0.98)	18 (1.10)	19 (1.16)	21 (1.28)	23 (1.40)	27 (1.65)	28 (1.71)	31 (1.89)
Max continuous pressure – bar (psi)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	235 (3,410)	225 (3,265)	190 (2,755)	185 (2,685)	165 (2,395)
Max Speed – RPM	4,000	4,000	4,000	3,600	3,600	3,300	3,000	3,000	3,000	2,800	2,800	2,400	2,300	2,300
Approximate Weight – Lbs. [kg]	7.70 [3.5]	7.70 [3.5]	7.90 [3.6]	7.90 [3.6]	8.10 [3.7]	8.40 [3.8]	8.60 [3.9]	8.80 [4.0]	8.80 [4.0]	9.00 [4.1]	9.20 [4.2]	9.50 [4.3]	9.70 [4.4]	9.90 [4.5]

PGM517 Frame Size	0140	0160	0190	0230	0250	0280	0330	0360	0380	0440	0520	0700
Displacement – cm^3/rev (in^3/rev)	14 (0.85)	16 (0.98)	19 (1.16)	23 (1.40)	25 (1.53)	28 (1.71)	33 (2.01)	36 (2.20)	38 (2.32)	44 (2.68)	52 (3.17)	70 (4.27)
Max continuous pressure – bar (psi)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	250 (3,625)	220 (3,190)	200 (2,900)	158 (2,300)
Max Speed – RPM	3,400	3,400	3,300	3,300	3,100	3,400	3,100	3,000	3,000	2,800	2,600	2,300
Approximate Weight – Lbs. [kg]	17.50 [7.92]	17.64 [8.0]	17.90 [8.12]	18.28 [8.29]	18.50 [8.37]	18.70 [8.50]	19.18 [8.70]	19.46 [8.83]	19.6 [8.91]	20.19 [9.16]	20.92 [9.49]	22.58 [10.24]

MGG Gerotor Series

- All aluminum construction for light weight
- Fixed clearance gear section for high mechanical efficiency



Parker's MGG Gerotor Motor Series is a compact, corrosion resistance motor due to it's light weight aluminum body.

Applications – Power steering motors – priority valves available, Saw motors, Fan Drive motors, Sprayer motors, Screed vibration motors

Markets – Agriculture, Mini Construction, Forestry, Material Handling, Turf, Vocational & Municipal

MGG Frame Size	0010	0016	0020	0025	0030
Displacement – cm^3/rev (in^3/rev)	3.57 (0.218)	6.10 (0.372)	7.38 (0.450)	9.50 (0.580)	11.47 (0.700)
Max continuous pressure – bar (psi)	138 (2,000)	138 (2,000)	138 (2,000)	138 (2,000)	103.5 (1,500)
Max Speed – RPM	5,000	5,000	5,000	5,000	5,000
Approximate Weight – Lbs. [kg]	2.8 [1.25]	3.0 [1.36]	3.1 [1.41]	3.3 [1.50]	3.5 [1.59]