

Prestolite Motors Family Summary

Motor family	Page	Frame size mm (in)	Field	Speed range rpm	Torque range N-m (ft-lb)	Max output W (hp)
PM62	7	62 (2.44)	Permanent magnet, 2-pole	500 - 7400	0.07-1.1 (0.05-0.8)	200 (0.3)
PM62 gear	7	62 (2.44)	Permanent magnet, 2-pole	200 - 700	0.5-5.3 (0.4-3.9)	130 (0.2)
PM70	8	70 (2.76)	Permanent magnet, 2-pole	500 - 6200	0.07-3.1 (0.05-2.3)	600 (0.8)
PM77	8	77 (3.03)	Permanent magnet, 2-pole	1000 - 3500	0.07-1.5 (0.05-1.1)	190 (0.3)
EEE	9	78 (3.06)	Permanent magnet, 2-pole	1500 - 5000	0.1-1.8 (0.1-1.3)	340 (0.5)
FFF	9	78 (3.09)	Permanent magnet, 4-pole	3000 - 4600	0.1-2.3 (0.1-1.7)	750 (1.0)
GGG	10	80 (3.13)	Permanent magnet, 6-pole	1000 - 5800	0.4-6.8 (0.3-5.0)	1340 (1.8)
CPM	10	83 (3.26)	Permanent magnet, 2-pole	500 - 9000	0.07-4.2 (0.05-3.1)	970 (1.3)
HHH	11	83 (3.29)	Permanent magnet, 2-pole	1000 - 2700	0.4-2.1 (0.3-1.6)	230 (0.3)
LLL	11	102 (4.00)	Permanent magnet, 4-pole	1100 - 3400	1.0-8.1 (0.8-6.0)	1120 (1.5)
JJJ	12	120 (4.72)	Permanent magnet, 4-pole	160 - 2900	0.05-11.4 (0.04-8.4)	2010 (2.7)
MZK	12	93 (3.67)	Series-wound, 4-pole	2400 - 4900	1.4-6.8 (1.0-5.0)	1720 (2.3)
MZE	13	93 (3.67)	Series-wound, 4-pole	700 - 6500	0.5-9.5 (0.4-7.0)	1190 (1.6)
MZC	13	93 (3.67)	Series-wound, 4-pole	900 - 5000	1.4-13.6 (1.0-10.0)	1720 (2.3)
SM95	14	95 (3.74)	Shunt-wound, 2-pole	2800 - 4500	0.1-0.9 (0.1-0.7)	250 (0.3)
MXM	14	114 (4.50)	Shunt-wound, 4-pole	2650 - 3000	0.1-9.5 (0.1-7.0)	2240 (3.0)
MUZ	15	114 (4.50)	Compound-wound, 4-pole	2200 - 4600	1.4-12.2 (1.0-9.0)	2680 (3.6)
MEG	15	114 (4.50)	Compound-wound, 4-pole	1600 - 3400	1.4-13.6 (1.0-10.0)	2240 (3.0)
MUP	16	114 (4.50)	Compound-wound, 4-pole	1800 - 4400	1.4-13.6 (1.0-10.0)	2680 (3.6)
MHN	16	114 (4.50)	Series-wound, 4-pole	1600 - 4600	1.4-13.6 (1.0-10.0)	2240 (3.0)
MUE	17	114 (4.50)	Series-wound, 4-pole	1700 - 4600	1.4-13.6 (1.0-10.0)	2540 (3.4)
MUF	17	114 (4.50)	Series-wound, 4-pole	600 - 3000	1.4-13.6 (1.0-10.0)	970 (1.3)
MUV	18	114 (4.50)	Series-wound, 4-pole	1600 - 4800	1.4-13.6 (1.0-10.0)	2540 (3.4)
MUW	18	114 (4.50)	Series-wound, 4-pole	2000 - 4700	1.4-13.6 (1.0-10.0)	2910 (3.9)
MXL	19	114 (4.50)	Series-wound, 4-pole	1900 - 4500	1.4-13.6 (1.0-10.0)	2830 (3.8)
MBJ	19	114 (4.50)	Series-wound, 4-pole	1700 - 3600	2.7-13.6 (2.0-10.0)	2540 (3.4)
MCW	20	114 (4.50)	Series-wound, 4-pole	2500 - 5100	2.7-13.6 (2.0-10.0)	3580 (4.8)
MMQ	20	114 (4.50)	Series-wound, 4-pole	1700 - 3700	2.7-13.6 (2.0-10.0)	2460 (3.3)
MUY	21	114 (4.50)	Series-wound, 4-pole	1600 - 3600	2.7-13.6 (2.0-10.0)	2310 (3.1)
MMY	21	114 (4.50)	Series-wound, 4-pole	1900 - 5100	1.4-16.3 (1.0-12.0)	3430 (4.6)
MMW	22	114 (4.50)	Series-wound, 4-pole	1900 - 3700	2.7-16.3 (2.0-12.0)	3360 (4.5)
MUQ	22	114 (4.50)	Series-wound, 4-pole	1800 - 3800	2.7-16.3 (2.0-12.0)	3130 (4.2)
MUR	23	114 (4.50)	Series-wound, 4-pole	1900 - 4100	2.7-16.3 (2.0-12.0)	3360 (4.5)
MUX	23	114 (4.50)	Series-wound, 4-pole	1400 - 4000	1.4-21.7 (1.0-16.0)	3360 (4.5)
MXN	24	127 (5.00)	Compound-wound, 4-pole	2700 - 4300	2.7-16.3 (2.0-12.0)	4620 (6.2)
MBD	24	127 (5.00)	Series-wound, 4-pole	2500 - 5000	2.7-21.7 (2.0-16.0)	5590 (7.5)
MFY	25	127 (5.00)	Series-wound, 4-pole	2200 - 4800	2.7-21.7 (2.0-16.0)	5290 (7.1)
MMR	25	127 (5.00)	Series-wound, 4-pole	2600 - 5300	2.7-21.7 (2.0-16.0)	5890 (7.9)