

PM6M/MB

- MOTOR Permanent magnet DC motor
- PROTECTION Ventilated (IP21)
- GEARBOX Worm and wheel (M)
- MOTOR POWER 75 - 330 Watts
- SPEED 21 - 970 rpm
- VOLTAGE 12V - 220V DC available range
- WEIGHT 3.36 kg (M); 3.55 kg (MB)
- RADIAL LOAD 132 N (M); 226 N (MB)
- AXIAL LOAD 88 N (M); 108 N (MB)
- SHAFT TYPE Single ended as standard; hollow or double ended upon request
- EXTRAS See page 36



PM6M pictured
See page 158 to specify shaft and gearbox position

RATIO	MOTOR SPEED (rpm)				TORQUE (Nm)					
	1500	2000	3000	4000	CONTINUOUS		1 HOUR		15 MINUTE	
					Composite	Bronze	Composite	Bronze	Composite	Bronze
	OUTPUT SPEED (rpm)									
72	21	28	42	56	5.1	7.3	5.1	7.3	5.1	7.3
66	23	30	45	61	5.1	7.3	5.1	7.3	5.1	7.3
60	25	33	50	67	5.9	7.9	5.9	7.9	5.9	7.9
54	28	37	56	74	5.9	7.9	5.9	7.9	5.9	7.9
48	31	42	63	83	5.9	7.9	5.9	7.9	5.9	7.9
44	34	45	68	91	5.9	7.9	5.9	7.9	5.9	7.9
40	38	50	75	100	7.9	8.3	7.9	10.0	7.9	11.8
36	42	56	83	111	7.8	7.8	7.9	9.4	7.9	11.8
33	45	61	91	121	7.4	7.4	7.9	8.9	7.9	11.8
30	50	67	100	133	7.0	7.0	7.9	8.4	7.9	11.4
27	56	74	111	148	6.5	6.5	7.8	7.8	7.9	10.7
25	60	80	120	160	6.2	6.2	7.5	7.5	7.9	10.2
22 1/2	67	89	133	178	5.8	5.8	7.0	7.0	7.9	9.5
20 1/2	73	98	146	195	5.4	5.4	6.5	6.5	7.9	8.9
18 1/2	81	108	162	216	5.1	5.1	6.1	6.1	7.9	8.3
16 1/2	91	121	182	242	4.7	4.7	5.6	5.6	7.7	7.7
15 1/2	97	129	194	258	4.5	4.5	5.4	5.4	7.3	7.3
14 1/2	103	138	207	276	4.3	4.3	5.1	5.1	7.0	7.0
13 1/3	113	150	225	300	4.0	4.0	4.8	4.8	6.6	6.6
12 1/3	122	162	243	324	3.8	3.8	4.6	4.6	6.2	6.2
11 1/3	132	176	265	353	3.6	3.6	4.3	4.3	5.9	5.9
10 1/3	145	194	290	387	3.4	3.4	4.0	4.0	5.5	5.5
9 1/3	161	214	321	429	3.1	3.1	3.7	3.7	5.1	5.1
8 1/3	180	240	360	480	2.9	2.9	3.4	3.4	4.7	4.7
7 1/4	207	276	414	552	2.6	2.6	3.1	3.1	4.2	4.2
6 1/6	243	324	486	649	2.3	2.3	2.7	2.7	3.7	3.7
5 1/8	293	390	585	780	2.0	2.0	2.4	2.4	3.2	3.2
4 1/8	364	485	727	970	1.7	1.7	2.0	2.0	2.7	2.7

worm gearboxes

