

# PM1MIW

MOTOR	Permanent magnet DC motor
PROTECTION	Ventilated (IP22)
GEARBOX	In-line worm (MIW)
MOTOR POWER	45 - 200 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	3.86 kg
RADIAL LOAD	265 N
AXIAL LOAD	132 N
SHAFT TYPE	Single ended shaft
EXTRAS	See page 36



See page 158 to specify shaft and gearbox position

Motor Power Cont (W)	45	60	90	120	TORQUE (Nm)						
Motor Power 1 Hour (W)	55	75	110	150							
Motor Power 15 Min (W)	75	100	150	200							
Ratio INT	Ratio Final	MOTOR SPEED (rpm)				CONTINUOUS		1 HOUR		15 MINUTE	
		1500	2000	3000	4000	Composite	Bronze	Composite	Bronze	Composite	Bronze
		OUTPUT SPEED (rpm)									
54	25	1	1.5	2	3	17	28	17	28	17	28
27	25	2	3	4	6	17	28	17	28	17	28
14 1/2	25	4	6	8	11	17	28	17	28	17	28
8 1/3	25	7	10	14	19	17	22.3	17	27.3	17	28
16 1/2	8 1/3	11	15	22	29	16.8	16.8	17	20.6	17	28
12 1/2	8 1/3	14	19	29	38	13.8	13.8	16.9	16.9	17	23
10 1/3	8 1/3	17	23	35	46	12	12	14.7	14.7	17	20.1
9 1/3	8 1/3	19	26	39	51	11.2	11.2	13.7	13.7	17	18.6
8 1/3	8 1/3	22	29	43	58	10.3	10.3	12.5	12.5	17	17.1
7 1/4	8 1/3	25	33	50	66	9.2	9.2	11.3	11.3	15.4	15.4
6 1/4	8 1/3	29	38	58	77	8.3	8.3	10.1	10.1	13.8	13.8
5 1/6	8 1/3	35	46	70	93	7.1	7.1	8.7	8.7	11.9	11.9
6 1/4	6 1/6	39	52	78	104	6.5	6.5	8.0	8.0	10.9	10.9
5 1/6	6 1/6	47	63	94	126	5.7	5.7	6.9	6.9	9.4	9.4
5 1/6	5 1/8	57	76	113	151	4.9	4.9	6.0	6.0	8.2	8.2
4 1/8	5 1/8	71	95	142	189	4.1	4.1	5	5	6.9	6.9
4 1/8	4 1/8	88	118	176	235	3.5	3.5	4.3	4.3	5.8	5.8

in-line worm

