

# PM10MIW

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	In-line worm (MIW)
MOTOR POWER	23 - 100 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	2.87 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)	23	30	45	60	TORQUE (Nm)						
Motor Power 1 Hour (W)	28	38	55	75							
Motor Power 15 Min (W)	35	50	70	100							
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	25.5	17	28	17	28
14 1/2	25	4	6	8	11	16.7	16.7	17	20.5	17	26.1
8 1/3	25	7	10	14	19	11.2	11.2	13.6	13.6	17	17.4
16 1/2	8 1/3	11	15	22	29	8.4	8.4	10.3	10.3	13.1	13.1
12 1/2	8 1/3	14	19	29	38	6.9	6.9	8.4	8.4	10.7	10.7
10 1/3	8 1/3	17	23	35	46	6.0	6.0	7.4	7.4	9.4	9.4
9 1/3	8 1/3	19	26	39	51	5.6	5.6	6.8	6.8	8.7	8.7
8 1/3	8 1/3	22	29	43	58	5.1	5.1	6.3	6.3	8	8
7 1/4	8 1/3	25	33	50	66	4.6	4.6	5.6	5.6	7.2	7.2
6 1/6	8 1/3	29	39	58	78	4.1	4.1	5	5	6.3	6.3
5 1/6	8 1/3	35	46	70	93	3.6	3.6	4.4	4.4	5.5	5.5
6 1/4	6 1/6	39	52	78	104	3.3	3.3	4.0	4.0	5	5
5 1/6	6 1/6	47	63	94	126	2.8	2.8	3.5	3.5	4.4	4.4
5 1/6	5 1/8	57	76	113	151	2.5	2.5	3	3	3.8	3.8
4 1/8	5 1/8	71	95	142	189	2.1	2.1	2.5	2.5	3.2	3.2
4 1/8	4 1/8	88	118	176	235	1.7	1.7	2.1	2.1	2.7	2.7

