

PM11MIW

MOTOR	Permanent magnet DC motor
PROTECTION	Totally Enclosed (IP54)
GEARBOX	In-line worm (MIW)
MOTOR POWER	33 - 130 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	3.35 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)	33	45	65	90	TORQUE (Nm)							
Motor Power 1 Hour (W)	40	55	80	110								
Motor Power 15 Min (W)	50	65	100	130								
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	24.2	17	28.0	17	28	
8 1/3	25	7	10	14	19	16.1	16.1	17	19.8	17	24.8	
16 1/2	8 1/3	11	15	22	29	12.2	12.2	15	15	17	18.7	
12 1/2	8 1/3	14	19	29	38	10	10	12.3	12.3	15.4	15.4	
10 1/3	8 1/3	17	23	35	46	8.7	8.7	10.7	10.7	13.4	13.4	
9 1/3	8 1/3	19	26	39	51	8.1	8.1	9.9	9.9	12.4	12.4	
8 1/3	8 1/3	22	29	43	58	7.4	7.4	9.1	9.1	11.4	11.4	
7 1/4	8 1/3	25	33	50	66	6.7	6.7	8.2	8.2	10.3	10.3	
6 1/4	8 1/3	29	38	58	77	6.0	6.0	7.3	7.3	9	9	
5 1/6	8 1/3	35	46	70	93	5.1	5.1	6.3	6.3	7.9	7.9	
6 1/4	6 1/6	39	52	78	104	4.7	4.7	5.8	5.8	7.3	7.3	
5 1/6	6 1/6	47	63	94	126	4	4	5	5	6.3	6.3	
5 1/6	5 1/8	57	76	113	151	3.5	3.5	4.4	4.4	5.4	5.4	
4 1/8	5 1/8	71	95	142	189	3.0	3.0	3.7	3.7	4.6	4.6	
4 1/8	4 1/8	88	118	176	235	2.5	2.5	3.1	3.1	3.9	3.9	

in-line worm

