

PM7SIW

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	In-line worm (SIW)
MOTOR POWER	7.5 - 33 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	1.5 kg
RADIAL LOAD	78 N
AXIAL LOAD	49 N
SHAFT TYPE	Single ended shaft
EXTRAS	See page 36



See page 158 to specify shaft and gearbox position

Motor Power Cont. (W)		7.5	10	15	20	TORQUE (Nm)					
Motor Power 1 Hour (W)		10	13	20	25						
Motor Power 15 Min (W)		13	17	25	33						
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	7.0	11.3	7.0	11.3	7.0	11.3
27	25	2	3	4	6	7.0	8.5	7.0	11.3	7.0	11.3
14 1/2	25	4	6	8	11	5.6	5.6	7.0	7.4	7.0	9.3
8 1/3	25	7	10	14	19	3.7	3.7	5.0	5.0	6.2	6.2
16 1/2	8 1/3	11	15	22	29	2.8	2.8	3.7	3.7	4.7	4.7
12 1/2	8 1/3	14	19	29	38	2.3	2.3	3.1	3.1	3.8	3.8
10 1/3	8 1/3	17	23	35	46	2.0	2.0	2.7	2.7	3.3	3.3
9 1/3	8 1/3	19	26	39	51	1.9	1.9	2.5	2.5	3.1	3.1
8 1/3	8 1/3	22	29	43	58	1.7	1.7	2.3	2.3	2.8	2.8
7 1/4	8 1/3	25	33	50	66	1.5	1.5	2.1	2.1	2.6	2.6
6 1/4	8 1/3	29	38	58	77	1.4	1.4	1.8	1.8	2.3	2.3
5 1/6	8 1/3	35	46	70	93	1.2	1.2	1.6	1.6	2.0	2.0
6 1/4	6 1/4	38	51	77	102	1.1	1.1	1.5	1.5	1.8	1.8
5 1/6	6 1/4	46	62	93	124	1.0	1.0	1.3	1.3	1.6	1.6
5 1/6	5 1/6	56	75	112	150	0.8	0.8	1.1	1.1	1.4	1.4
4 1/8	5 1/6	70	94	141	188	0.7	0.7	0.9	0.9	1.2	1.2
4 1/8	4 1/8	88	118	176	235	0.6	0.6	0.8	0.8	1.0	1.0

