

# PM11SIW

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	In-line worm (SIW)
MOTOR POWER	33 - 130 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	2.59 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)		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	7.0	11.3	7.0	11.3	7.0	11.3
27	25	2	3	4	6	7.0	11.3	7.0	11.3	7.0	11.3
14 1/2	25	4	6	8	11	7.0	11.3	7.0	11.3	7.0	11.3
8 1/3	25	7	10	14	19	7.0	11.3	7.0	11.3	7.0	11.3
16 1/2	8 1/3	11	15	22	29	7.0	11.3	7.0	11.3	7.0	11.3
12 1/2	8 1/3	14	19	29	38	7.0	10.0	7.0	11.3	7.0	11.3
10 1/3	8 1/3	17	23	35	46	7.0	8.7	7.0	10.7	7.0	11.3
9 1/3	8 1/3	19	26	39	51	7.0	8.1	7.0	9.9	7.0	11.3
8 1/3	8 1/3	22	29	43	58	7.0	7.4	7.0	9.1	7.0	11.3
7 1/4	8 1/3	25	33	50	66	6.7	6.7	7.0	8.2	7.0	10.3
6 1/4	8 1/3	29	38	58	77	6.0	6.0	7.0	7.3	7.0	9.2
5 1/6	8 1/3	35	46	70	93	5.1	5.1	6.3	6.3	7.0	7.9
6 1/4	6 1/4	38	51	77	102	4.8	4.8	5.9	5.9	7.0	7.4
5 1/6	6 1/4	46	62	93	124	4.1	4.1	5.1	5.1	6.4	6.4
5 1/6	5 1/6	56	75	112	150	3.6	3.6	4.4	4.4	5.5	5.5
4 1/8	5 1/6	70	94	141	188	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

