

# PM7SS

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	Double reduction worm and wheel (SS)
MOTOR POWER	7.5 - 33 Watts
SPEED	0.5 - 150 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	1.3 kg
RADIAL LOAD	54 N
AXIAL LOAD	35 N
SHAFT TYPE	Single ended or double ended upon request
EXTRAS	See page 36



See page 158 to specify shaft and gearbox position

RATIO	MOTOR SPEED (rpm)				TORQUE (Nm)					
	1500	2000	3000	4000	CONTINUOUS		1 HOUR		15 MINUTE	
					Composite	Bronze	Composite	Bronze	Composite	Bronze
	OUTPUT SPEED (rpm)									
2800	0.5	0.7	1.1	1.4	4.0	5.9	4.0	5.9	4.0	5.9
1440	1.0	1.4	2.1	2.8	4.0	5.9	4.0	5.9	4.0	5.9
750	2	3	4	5	4.0	5.9	4.0	5.9	4.0	5.9
500	3	4	6	8	4.0	5.9	4.0	5.9	4.0	5.9
375	4	5	8	11	4.0	5.6	4.0	5.9	4.0	5.9
300	5	7	10	13	4.0	4.7	4.0	5.9	4.0	5.9
191	8	10	16	21	3.6	3.6	4.0	4.8	4.0	5.9
153	10	13	20	26	3.1	3.1	4.0	4.1	4.0	5.1
138	11	15	22	29	2.8	2.8	3.7	3.7	4.0	4.7
103	15	19	29	39	2.3	2.3	3.0	3.0	3.8	3.8
85	18	23	35	47	1.9	1.9	2.6	2.6	3.2	3.2
71	21	28	42	56	1.7	1.7	2.3	2.3	2.9	2.9
65	23	31	46	62	1.6	1.6	2.2	2.2	2.7	2.7
58	26	34	51	69	1.5	1.5	2.0	2.0	2.5	2.5
52	29	38	58	77	1.4	1.4	1.8	1.8	2.3	2.3
43	35	46	70	93	1.2	1.2	1.6	1.6	2.0	2.0
39	38	51	77	102	1.1	1.1	1.5	1.5	1.8	1.8
32	46	62	93	124	1.0	1.0	1.3	1.3	1.6	1.6
27	56	75	112	150	0.8	0.8	1.1	1.1	1.4	1.4

double worm

