

PM10SIW

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	In-line worm (SIW)
MOTOR POWER	23 - 100 Watts
SPEED	1 - 235 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	2.13 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)		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	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	11.2	7.0	11.3	7.0	11.3
16 1/2	8 1/3	11	15	22	29	7.0	8.4	7.0	10.3	7.0	11.3
12 1/2	8 1/3	14	19	29	38	6.9	6.9	7.0	8.4	7.0	10.7
10 1/3	8 1/3	17	23	35	46	6.0	6.0	7.0	7.4	7.0	9.4
9 1/3	8 1/3	19	26	39	51	5.6	5.6	6.8	6.8	7.0	8.7
8 1/3	8 1/3	22	29	43	58	5.1	5.1	6.3	6.3	7.0	8.0
7 1/4	8 1/3	25	33	50	66	4.6	4.6	5.6	5.6	7.0	7.2
6 1/4	8 1/3	29	38	58	77	4.1	4.1	5.0	5.0	6.4	6.4
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 1/4	38	51	77	102	3.3	3.3	4.1	4.1	5.2	5.2
5 1/6	6 1/4	46	62	93	124	2.9	2.9	3.5	3.5	4.5	4.5
5 1/6	5 1/6	56	75	112	150	2.5	2.5	3.0	3.0	3.8	3.8
4 1/8	5 1/6	70	94	141	188	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

in-line worm

