

# PM6LIW

MOTOR	Permanent magnet DC motor
PROTECTION	Ventilated (IP21)
GEARBOX	In-line worm (LIW)
MOTOR POWER	75 - 330 Watts
SPEED	1 - 108 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	6.08 kg
RADIAL LOAD	353 N
AXIAL LOAD	196 N
SHAFT TYPE	Single ended shaft
EXTRAS	See page 36



See page 158 to specify shaft and gearbox position

Motor Power Cont. (W)		75	100	150	200	TORQUE (Nm)					
Motor Power 1 Hour (W)		90	120	180	240						
Motor Power 15 Min (W)		125	165	245	330						
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)									
60	20 1/2	1	1.6	2	3	28.0	45.0	28.0	45.0	28.0	45.0
44	20 1/2	2	2	3	4	28.0	45.0	28.0	45.0	28.0	45.0
36	20 1/2	2	3	4	5	28.0	45.0	28.0	45.0	28.0	45.0
27	20 1/2	3	4	5	7	28.0	45.0	28.0	45.0	28.0	45.0
20 1/2	20 1/2	4	5	7	10	28.0	45.0	28.0	45.0	28.0	45.0
16 1/2	20 1/2	4	6	9	12	28.0	45.0	28.0	45.0	28.0	45.0
12 1/3	20 1/2	6	8	12	16	28.0	43.3	28.0	45.0	28.0	45.0
8 1/3	20 1/2	9	12	18	23	28.0	32.6	28.0	39.1	28.0	45.0
7 1/4	20 1/2	10	13	20	27	28.0	29.3	28.0	35.2	28.0	45.0
5 1/8	20 1/2	14	19	29	38	22.4	22.4	26.9	26.9	28.0	36.6
10 1/3	9	16	22	32	43	21.1	21.1	25.3	25.3	28.0	34.4
8 1/3	9	20	27	40	53	17.9	17.9	21.5	21.5	28.0	29.3
7 1/4	9	23	31	46	61	16.2	16.2	19.4	19.4	26.4	26.4
5 1/8	9	33	43	65	87	12.4	12.4	14.8	14.8	20.2	20.2
4 1/8	9	40	54	81	108	10.5	10.5	12.5	12.5	17.1	17.1

in-line worm

