

PM1L/LB/LH/LHB

MOTOR	Permanent magnet DC motor
PROTECTION	Ventilated (IP21)
GEARBOX	Worm and wheel (L)
MOTOR POWER	45 - 200 Watts
SPEED	25 - 780 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	3.62 kg (L); 3.81 kg (LB)
RADIAL LOAD	177 N (L); 314 N (LB)
AXIAL LOAD	132 N (L); 157 N (LB)
SHAFT TYPE	Hollow, single ended or double ended upon request
EXTRAS	See page 36



PM1LHB pictured
See page 158 to specify shaft and gearbox position

Motor Power Cont (W)	45				60				90				120			
	55				75				110				150			
	75				100				150				200			
RATIO	MOTOR SPEED (rpm)				CONTINUOUS		1 HOUR		15 MINUTE							
	1500	2000	3000	4000	Composite	Bronze	Composite	Bronze	Composite	Bronze						
	OUTPUT SPEED (rpm)															
60	25	33	50	67	6.2	6.2	7.6	7.6	10.4	10.4						
50	30	40	60	80	5.5	5.5	6.7	6.7	9.2	9.2						
40	38	50	75	100	5.0	5.0	6.1	6.1	8.3	8.3						
30 1/2	49	66	98	131	4.3	4.3	5.2	5.2	7.1	7.1						
25 1/2	59	78	118	157	3.8	3.8	4.7	4.7	6.3	6.3						
20 1/2	73	98	146	195	3.3	3.3	4.0	4.0	5.4	5.4						
15 1/3	98	130	196	261	2.7	2.7	3.3	3.3	4.4	4.4						
12 1/3	122	162	243	324	2.3	2.3	2.8	2.8	3.8	3.8						
9 1/4	162	216	324	432	1.8	1.8	2.3	2.3	3.1	3.1						
8 1/4	182	242	364	485	1.7	1.7	2.1	2.1	2.8	2.8						
7 1/6	209	279	419	558	1.5	1.5	1.9	1.9	2.5	2.5						
5 1/8	293	390	585	780	1.2	1.2	1.4	1.4	2.0	2.0						

worm gearboxes

