

# PM90L/LB/LH/LHB

MOTOR	Permanent magnet DC motor
PROTECTION	Totally enclosed (IP54)
GEARBOX	Worm and wheel (L)
MOTOR POWER	113 - 525 Watts
SPEED	25 - 780 rpm
VOLTAGE	12V, 24V, 36V or 48V, D.C.
WEIGHT	5.01 kg (L); 5.2 kg (LB)
RADIAL LOAD	177 N (L); 314 N (LB)
AXIAL LOAD	132 N (L); 157 N (LB)
SHAFT TYPE	Single ended as standard; hollow or double ended upon request
EXTRAS	See page 36



PM90LHB pictured  
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)									
60	25	33	50	67	11.3	15.6	11.3	17.0	11.3	17.0
50	30	40	60	80	11.3	13.8	11.3	17.0	11.3	17.0
40	38	50	75	100	12.5	12.5	14.6	15.6	14.6	21.9
30 1/2	49	66	98	131	10.7	10.7	13.3	13.3	14.6	18.7
25 1/2	59	78	118	157	9.5	9.5	11.9	11.9	14.6	16.7
20 1/2	73	98	146	195	8.2	8.2	10.2	10.2	14.3	14.3
15 1/3	98	130	196	261	6.7	6.7	8.3	8.3	11.7	11.7
12 1/3	122	162	243	324	5.7	5.7	7.1	7.1	10.0	10.0
9 1/4	162	216	324	432	4.6	4.6	5.8	5.8	8.1	8.1
8 1/4	182	242	364	485	4.2	4.2	5.3	5.3	7.4	7.4
7 1/6	209	279	419	558	3.8	3.8	4.8	4.8	6.7	6.7
5 1/8	293	390	585	780	3.0	3.0	3.7	3.7	5.2	5.2

worm gearboxes

