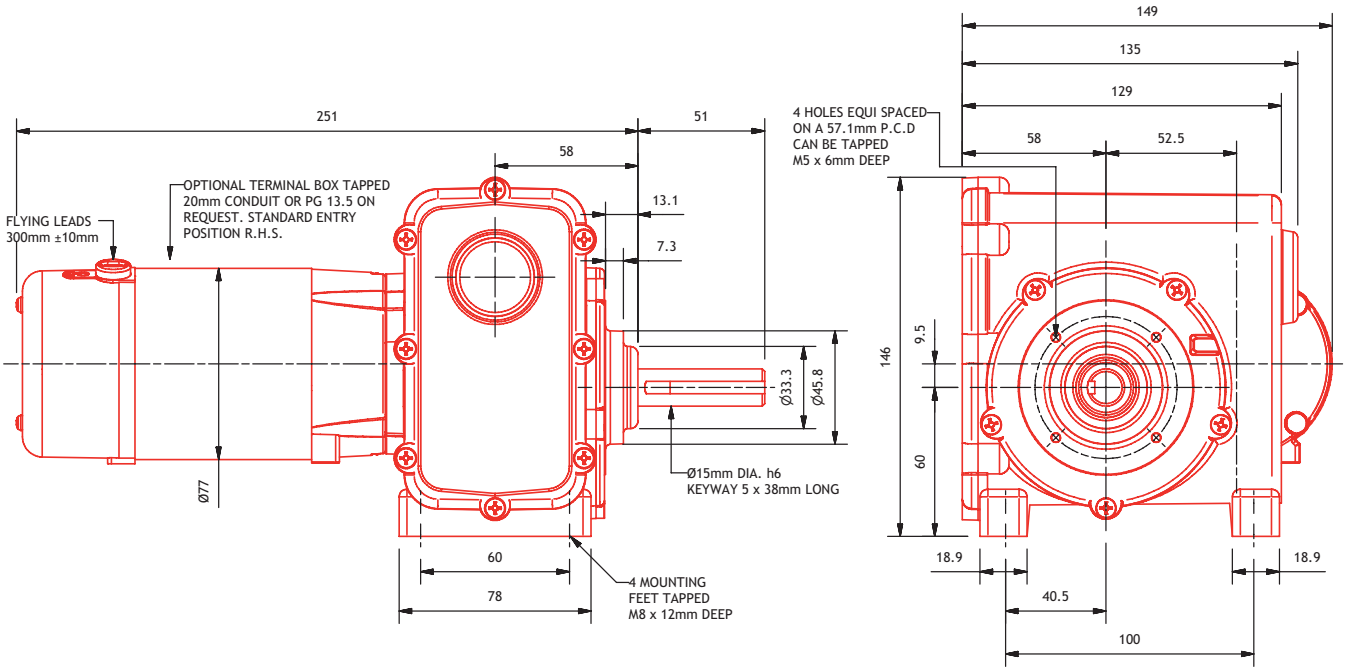
PM4LIW

MOTOR	Permanent magnet DC motor
PROTECTION	IP54
GEARBOX	In-line worm (LIW)
MOTOR POWER	45 - 200 Watts
SPEED	1 - 108 rpm
VOLTAGE	12V - 220V DC available range
WEIGHT	5.89 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)		45	60	90	120	TORQUE (Nm)					
Motor Power 1 Hour (W)		60	80	120	160						
Motor Power 15 Min (W)		80	120	160	200						
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	44.7	28.0	45.0	28.0	45.0
20 1/2	20 1/2	4	5	7	10	28.0	37.2	28.0	45.0	28.0	45.0
16 1/2	20 1/2	4	6	9	12	28.0	32.1	28.0	42.7	28.0	45.0
12 1/3	20 1/2	6	8	12	16	26.0	26.0	28.0	34.6	28.0	45.0
8 1/3	20 1/2	9	12	18	23	19.5	19.5	26.1	26.1	28.0	34.7
7 1/4	20 1/2	10	13	20	27	17.6	17.6	23.5	23.5	28.0	31.3
5 1/8	20 1/2	14	19	29	38	13.5	13.5	17.9	17.9	23.9	23.9
10 1/3	9	16	22	32	43	12.6	12.6	16.9	16.9	22.5	22.5
8 1/3	9	20	27	40	53	10.8	10.8	14.4	14.4	19.1	19.1
7 1/4	9	23	31	46	61	9.7	9.7	12.9	12.9	17.2	17.2
5 1/8	9	33	43	65	87	7.4	7.4	9.9	9.9	13.2	13.2
4 1/8	9	40	54	81	108	6.3	6.3	8.4	8.4	11.2	11.2