

D Series PMDC Motor Specifications

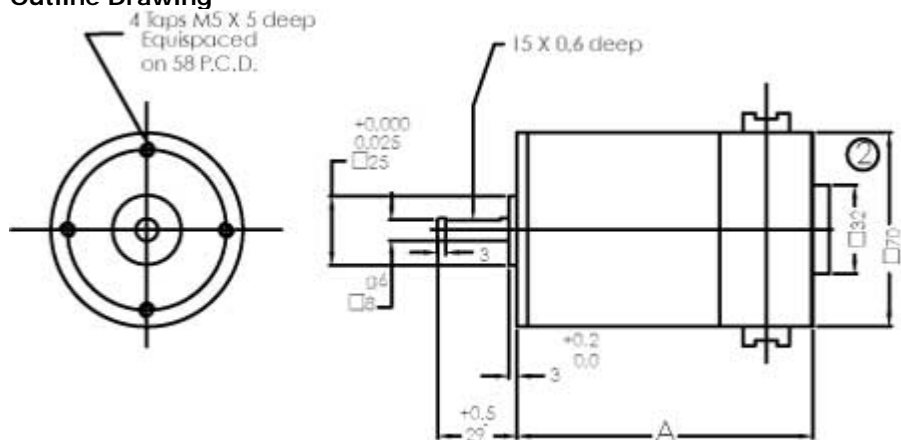
PMDC Motor Model	Rated Torque Kgcm	Rated Voltage V	Rated Current A	Rated Speed RPM	Rated Power watts
DA	2	24	2	500	10.4
	2	24	2.5	1500	31.3
	2	24	3	3000	62.5
	2	180	0.3	1500	31.3
	2	180	0.6	3000	62.5
DB	4	24	2	500	20.8
	4	24	4	1500	62.5
	4	24	7	3000	125.0
	4	180	0.5	1500	62.5
	4	180	0.9	3000	125.0
DC	5.5	24	5	1500	85.9
	5.5	24	8	3000	171.9
	5.5	180	0.6	1500	85.9
	5.5	180	1	3000	171.9

Performance Figures

Motor Model	Motor Diameter	Output Torque					
		Torque of Motor Only	With Planetary Gear Box of Ratio			With Worm Gear Box of Ratio	
			4.5:1	20:1	90:1	11:1	30:1
DA	70 mm	2.0 Kgcm	8.0 Kgcm	35 Kgcm	143 Kgcm	11 Kgcm	30 Kgcm
DB		4.0 kgcm	16 Kgcm	70 Kgcm	286 Kgcm	22 Kgcm	60 Kgcm
DC		5.5 Kgcm	22 Kgcm	96 Kgcm	300 Kgcm	31 Kgcm	82 Kgcm

Power in Watts = (Torque in Kgcm X Speed in RPM) / 96

Outline Drawing



MODEL	L	E	F	G	R	T	S	M	ØNf7	ØDg6	ØP	J	ØK	Weight Kg.
DA	110	29	-	-	0.6X15	3.0	M5	58	25	8	70	95	24	1.3
DB	144	29	-	-	0.6X15	3.0	M5	58	25	8	70	95	24	2.0
DC	178	29	-	-	0.6X15	3.0	M5	58	25	8	70	95	24	2.7