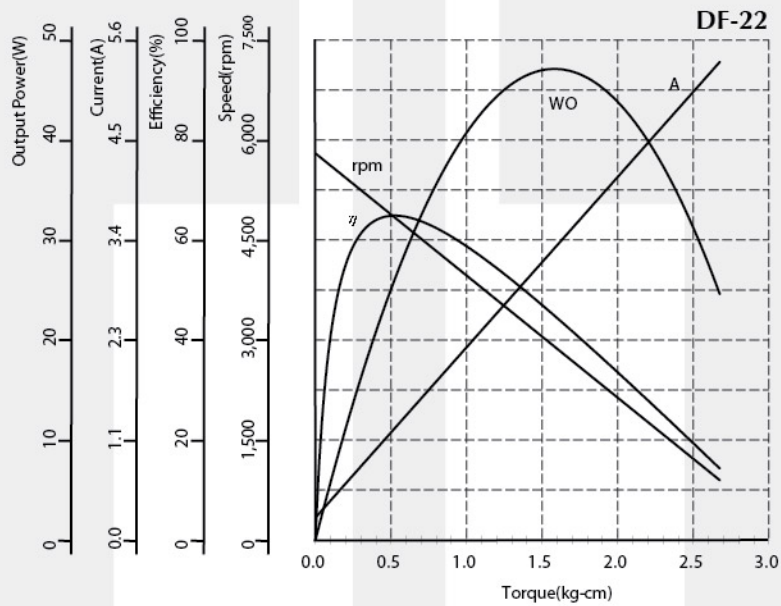




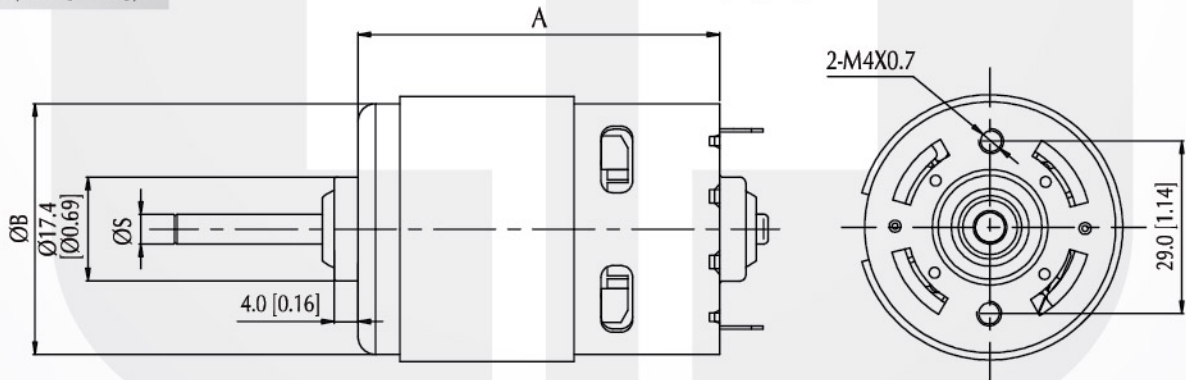
Low Voltage PMDC Motor - DF Series

Voltage : 6 - 36V DC
 Rated Speed : 9,000 - 17,000rpm
 Rated Torque : 0.60 - 0.92kg-cm[0.50 - 0.80lb-in]
 Rated Input Power : 60 - 200W
 Insulation Class : A, B
 Motor Diameter : Ø42.2mm[1.66inch]
 Typical Application : Grass Trimmer, Jig Saw, Screw Driver, Drill

Performance Curve



Dimension (mm[inch])



Performance (testing under room temperature)

Model	Dim A mm[inch]	Dim B mm[inch]	Dim S mm[inch]	Rated Voltage (V DC)	No Load		At Maximum Efficiency				Maximum Power			
					Speed (rpm)	Current (A)	Speed (rpm)	Current (A)	Torque (kg-cm[lb-in])	Output (W)	Speed (rpm)	Current (A)	Torque (kg-cm[lb-in])	Output (W)
DF-15	51.0[2.0]	42.2[1.66]	5.0[0.16]	18	21,000	2.1	17,500	11.5	0.75[0.65]	134.8	10,200	38.5	2.7[2.35]	282.8
DF-22	60.0[2.36]	42.2[1.66]	5.0[0.16]	32	5,800	0.25	4,700	1.4	0.60[0.50]	29	2,900	3.3	1.6[1.39]	47.7
DF-30	66.1[2.60]	42.2[1.66]	5.0[0.16]	12	14,560	2.0	12,400	14.34	0.92[0.80]	117.2	7,300	22	2.2[1.91]	164.9

The information above is for reference only, detailed specification is subject to final confirmation