

Characteristics:

High Power DC motor



Specifications:

Dimensions (mm)	: Ø 20.4 X 15.4 X 25.0 mm
Shaft Diameter (mm)	: Ø 2.000 mm
Input Voltage (V)	: 3.6 V DC
No Load Speed (rpm)	: 22194 rpm
No Load Current (A)	: 0.74 A
Nominal Speed (rpm)	: 18000 rpm
Nominal Torque (mNm)	: 2.00 mNm
Nominal Current (A)	: 3.20 A
Stall Torque (mNm)	: 17.08 mNm
Stall Current (A)	: 13.92 A
Maximum Output Power (W)	: 9.60 W
Maximum Efficiency (%)	: 54%
Torque (mNm) - Max Eff	: 3.20 mNm
Speed (rpm) - Max Eff	: 17908 rpm
Life (Typical)	: 25 hr
Weight (g)	: 22.40 g
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

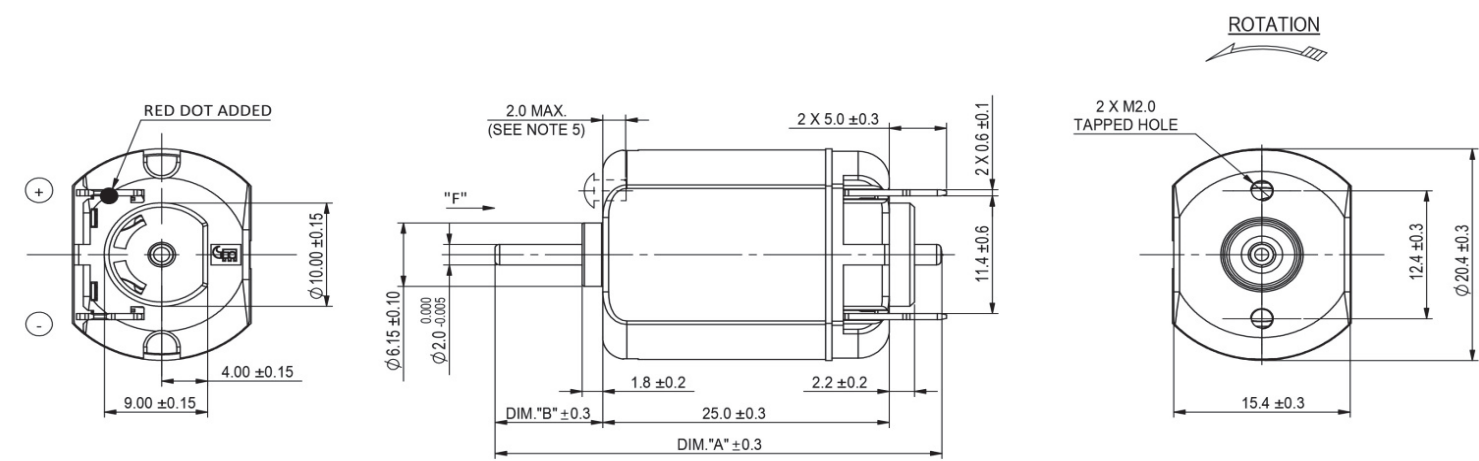
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.82	13.92	3.72	8.86
Efficiency (%)	-	-	60.00	45.00
Output Power (W)	-	-	7.99	13.50
Speed (rpm)	24812.00	-	20330.00	12401.00
Torque (mNm)	-	17.08	3.75	10.39

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

