

Characteristics:

High Power DC motor



Specifications:

Dimensions (in)	: Ø 0.8 X 0.6 X 1.0 in
Shaft Diameter (in)	: Ø 0.079 in
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 (lb.in)	: 0.02 lb.in
Nominal Current (A)	: 3.20 A
Stall Torque (lb.in)	: 0.15 lb.in
Stall Current (A)	: 13.92 A
Maximum Output Power (hp)	: 0.01 hp
Maximum Efficiency (%)	: 54%
Torque (lb.in) - Max Eff	: 0.03 lb.in
Speed (rpm) - Max Eff	: 17908 rpm
Life (Typical)	: 25 hr
Weight (oz)	: 0.79 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °C
Electrical Connection	: Terminals

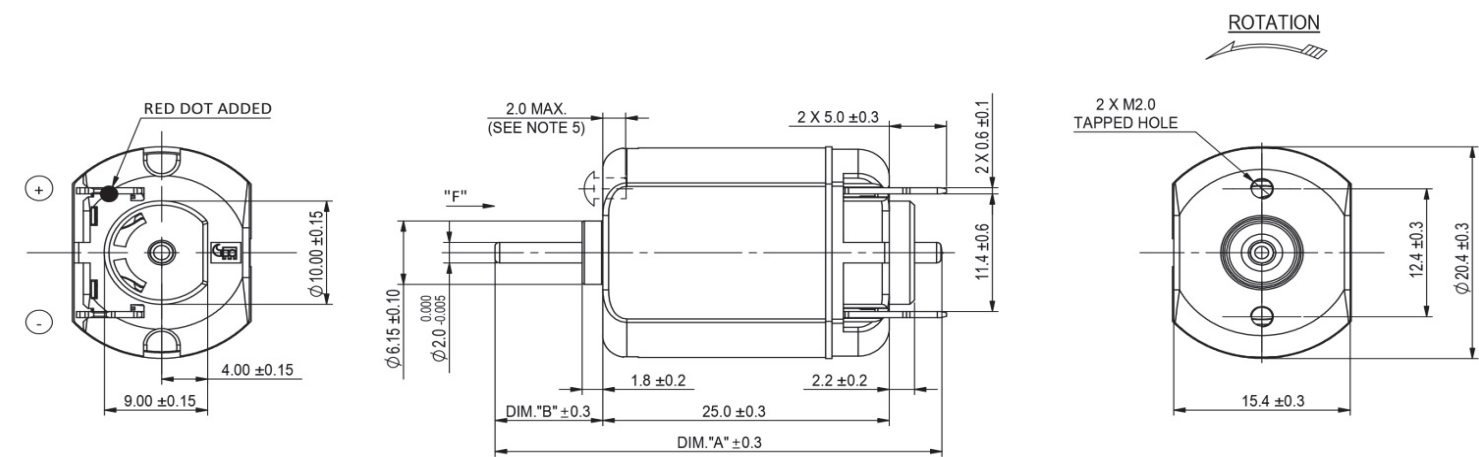
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.82	13.92	3.72	8.86
Efficiency (%)	-	-	60.00	45.00
Output Power (hp)	-	-	0.01	0.02
Speed (rpm)	24812.00	-	20330.00	12401.00
Torque (lb.in)	-	0.15	0.03	0.09

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

