

Characteristics:

High Power DC motor

**Specifications:**

Dimensions (in)	: Ø 1.0 X 1.2 in
Shaft Diameter (in)	: Ø 0.079 in
Input Voltage (V)	: 3.6 V DC
No Load Speed (rpm)	: 19496 rpm
No Load Current (A)	: 0.85 A
Nominal Speed (rpm)	: 18000 rpm
Nominal Torque (lb.in)	: 0.04 lb.in
Nominal Current (A)	: 3.00 A
Stall Torque (lb.in)	: 0.48 lb.in
Stall Current (A)	: 35.30 A
Maximum Output Power (hp)	: 0.04 hp
Maximum Efficiency (%)	: 66%
Torque (lb.in) - Max Eff	: 0.07 lb.in
Speed (rpm) - Max Eff	: 16880 rpm
Life (Typical)	: 25 hr
Weight (oz)	: 2 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °C
Electrical Connection	: Terminals

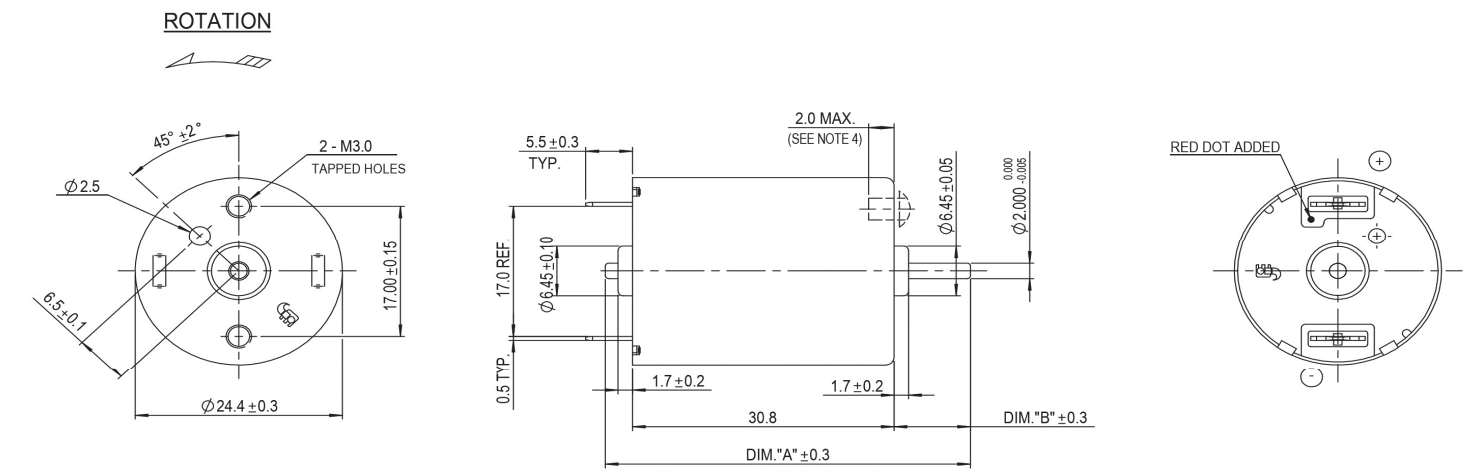
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.85	35.30	5.47	18.09
Efficiency (%)	-	-	66.00	45.00
Output Power (hp)	-	-	0.02	0.04
Speed (rpm)	19496.00	-	16880.00	9744.00
Torque (lb.in)	-	0.48	0.07	0.24

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

