

Characteristics:

High Power DC motor

**Specifications:**

Dimensions (in)	: Ø 0.9 X 1.3 in
Shaft Diameter (in)	: Ø 0.079 in
Input Voltage (V)	: 3.6 V DC
No Load Speed (rpm)	: 19893 rpm
No Load Current (A)	: 2.34 A
Nominal Speed (rpm)	: 18000 rpm
Nominal Torque (lb.in)	: 0.05 lb.in
Nominal Current (A)	: 5.60 A
Stall Torque (lb.in)	: 0.87 lb.in
Stall Current (A)	: 59.90 A
Maximum Output Power (hp)	: 0.07 hp
Maximum Efficiency (%)	: 67%
Torque (lb.in) - Max Eff	: 0.14 lb.in
Speed (rpm) - Max Eff	: 16608 rpm
Life (Typical)	: 25 hr
Weight (oz)	: 1.88 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °C
Electrical Connection	: Terminals

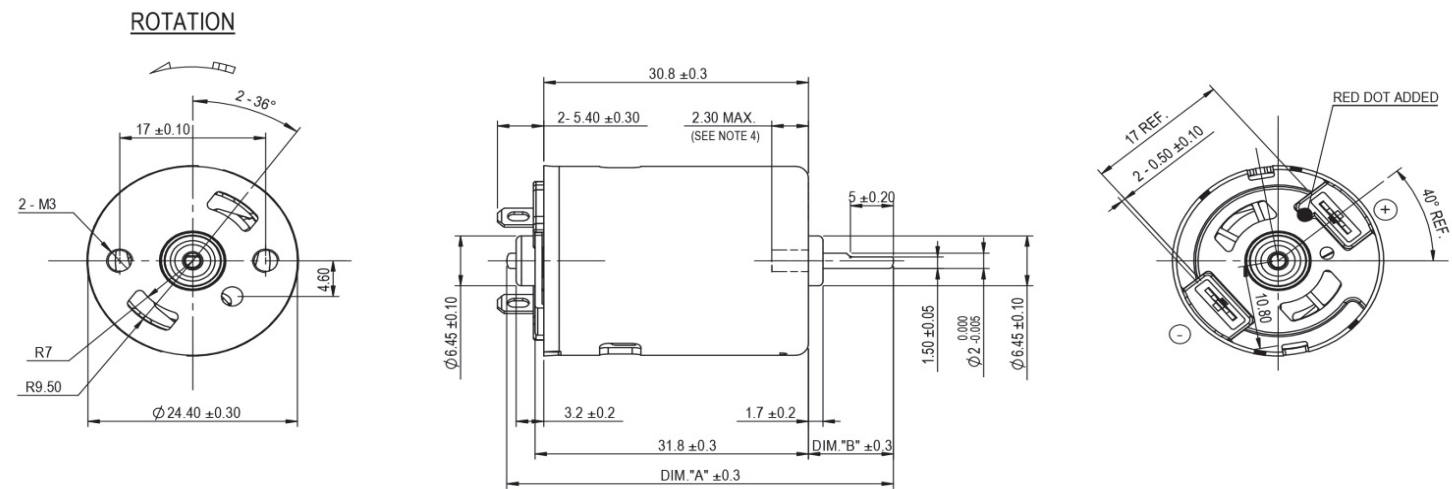
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	2.34	59.90	11.85	31.12
Efficiency (%)	-	-	67.00	47.00
Output Power (hp)	-	-	0.04	0.07
Speed (rpm)	19893.00	-	16608.00	9942.00
Torque (lb.in)	-	0.87	0.14	0.44

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

