

Characteristics:

High Power DC motor

**Specifications:**

Dimensions (mm)	: Ø 24.4 X 31.8 mm
Shaft Diameter (mm)	: Ø 2.000 mm
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 (mNm)	: 6.00 mNm
Nominal Current (A)	: 5.60 A
Stall Torque (mNm)	: 98.74 mNm
Stall Current (A)	: 59.90 A
Maximum Output Power (W)	: 51.40 W
Maximum Efficiency (%)	: 67%
Torque (mNm) - Max Eff	: 16.30 mNm
Speed (rpm) - Max Eff	: 16608 rpm
Life (Typical)	: 25 hr
Weight (g)	: 53.20 g
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

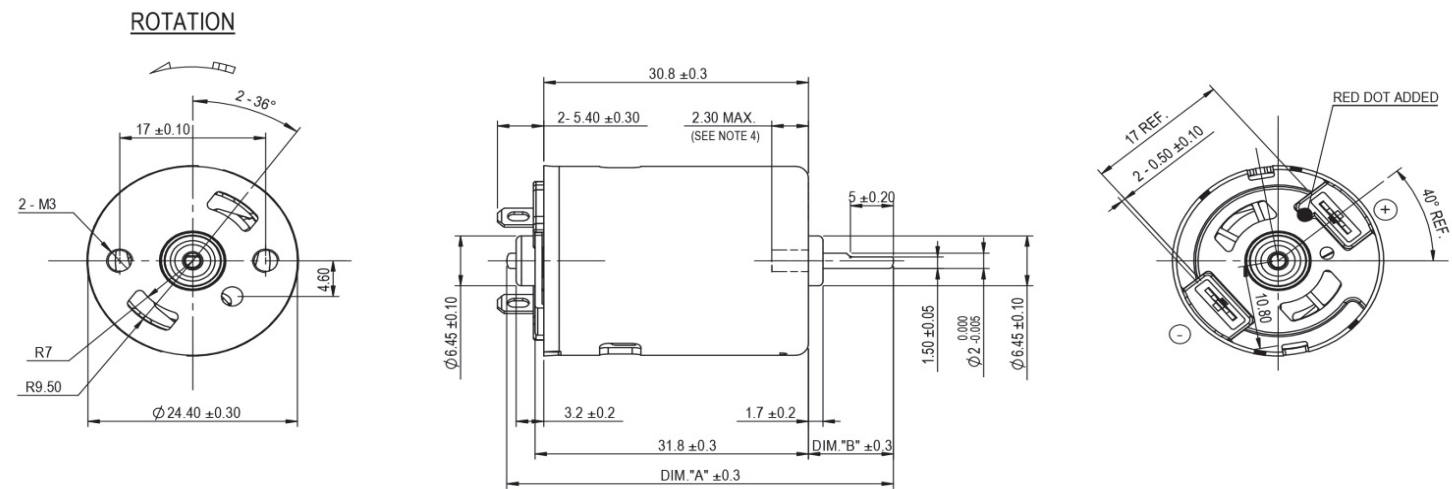
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	2.34	59.90	11.85	31.12
Efficiency (%)	-	-	67.00	47.00
Output Power (W)	-	-	28.36	51.40
Speed (rpm)	19893.00	-	16608.00	9942.00
Torque (mNm)	-	98.74	16.30	49.37

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

