

Characteristics:

High Power DC motor

**Specifications:**

Dimensions (mm)	: Ø 24.4 X 30.8 mm
Shaft Diameter (mm)	: Ø 2.000 mm
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 (mNm)	: 4.00 mNm
Nominal Current (A)	: 3.00 A
Stall Torque (mNm)	: 54.79 mNm
Stall Current (A)	: 35.30 A
Maximum Output Power (W)	: 28.00 W
Maximum Efficiency (%)	: 66%
Torque (mNm) - Max Eff	: 7.35 mNm
Speed (rpm) - Max Eff	: 16880 rpm
Life (Typical)	: 25 hr
Weight (g)	: 49 g
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

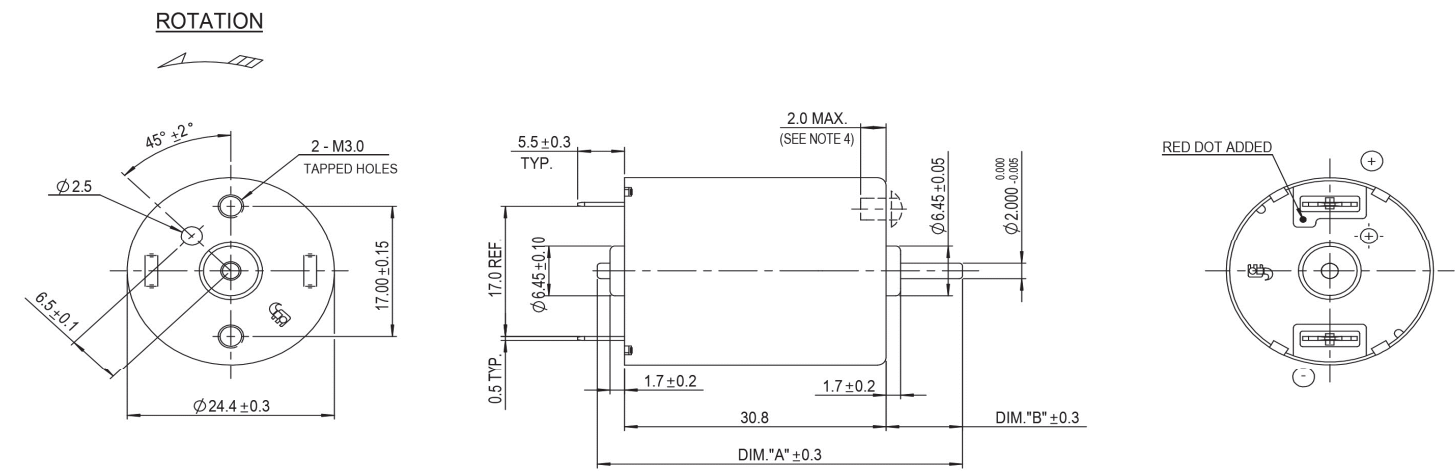
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.85	35.30	5.47	18.09
Efficiency (%)	-	-	66.00	45.00
Output Power (W)	-	-	13.00	28.00
Speed (rpm)	19496.00	-	16880.00	9744.00
Torque (mNm)	-	54.79	7.35	27.40

Application Examples:

Screw Drivers

Drawing:



Performance Curves:

