

Characteristics:

Typical LVDC motor for pumps and actuators

**Specifications:**

Dimensions (mm)	: Ø 24.4 X 30.8 mm
Shaft Diameter (mm)	: Ø 2.000 mm
Input Voltage (V)	: 3.0 V DC
No Load Speed (rpm)	: 5900 rpm
No Load Current (A)	: 0.025 A
Nominal Speed (rpm)	: 4800 rpm
Nominal Torque (mNm)	: 1.96 mNm
Nominal Current (A)	: 0.75 A
Stall Torque (mNm)	: 11.91 mNm
Stall Current (A)	: 2.87 A
Maximum Output Power (W)	: 1.876 W
Maximum Efficiency (%)	: 54.79 %
Torque (mNm) - Max Eff	: 2.47 mNm
Speed (rpm) - Max Eff	: 4772 rpm
Life (Typical)	: 125 hr
Weight (g)	: 48.0 g
Operating Temperature Range (°C)	: -10 to 55 °C
Storage Temperature Range (°C)	: -20 to 80 °C
Electrical Connection	: Terminals

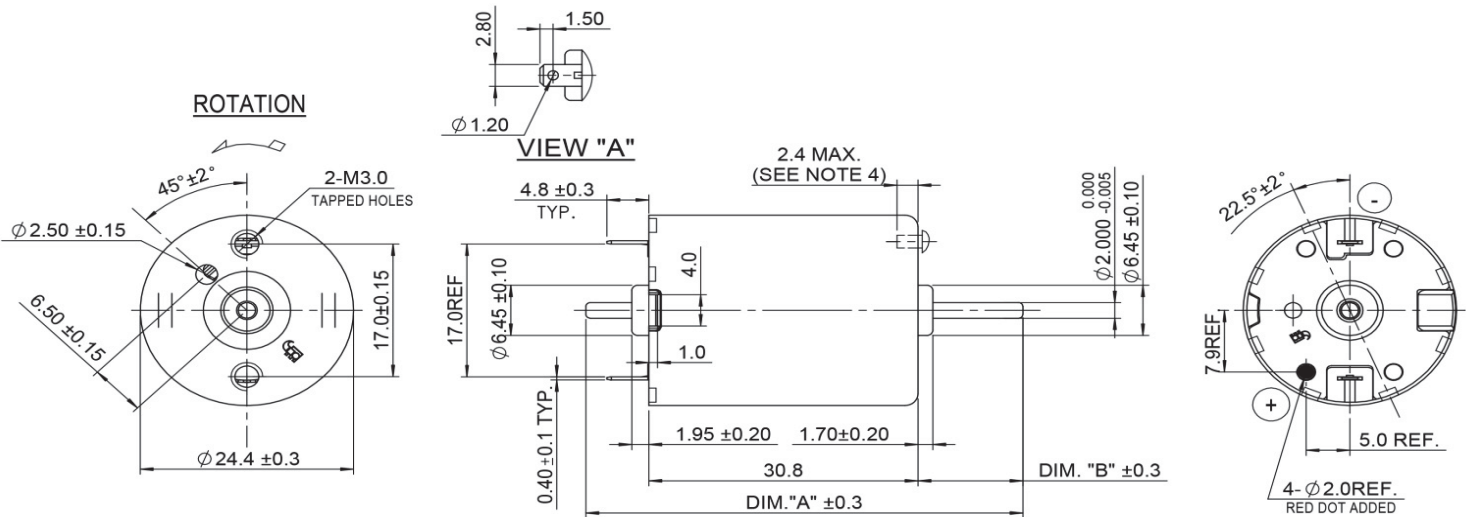
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.03	2.87	0.75	1.53
Efficiency (%)	-	-	54.79	40.78
Output Power (W)	-	-	1.23	1.88
Speed (rpm)	5900.00	-	4772.00	3008.00
Torque (mNm)	-	11.91	2.47	5.95

Application Examples:

Pumps and Dispensing, Air Pumps

Drawing:



Performance Curves:

