

Characteristics:

Typical LVDC motor for pumps and actuators

**Specifications:**

Dimensions (in)	: Ø 1.0 X 1.2 in
Shaft Diameter (in)	: Ø 0.079 in
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 (lb.in)	: 0.02 lb.in
Nominal Current (A)	: 0.75 A
Stall Torque (lb.in)	: 0.11 lb.in
Stall Current (A)	: 2.87 A
Maximum Output Power (hp)	: 0.003 hp
Maximum Efficiency (%)	: 54.79 %
Torque (lb.in) - Max Eff	: 0.02 lb.in
Speed (rpm) - Max Eff	: 4772 rpm
Life (Typical)	: 125 hr
Weight (oz)	: 1.7 oz
Operating Temperature Range (°F)	: 14 to 131 °F
Storage Temperature Range (°F)	: -4 to 176 °F
Electrical Connection	: Terminals

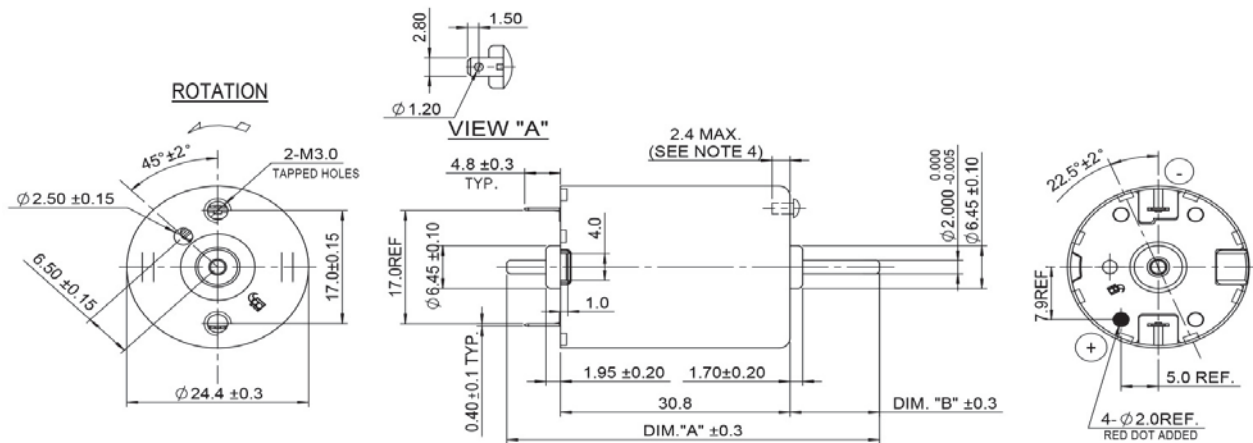
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.03	2.87	0.75	1.53
Efficiency (%)	-	-	54.79	40.78
Output Power (hp)	-	-	0.00	0.00
Speed (rpm)	5900.00	-	4772.00	3008.00
Torque (lb.in)	-	0.11	0.02	0.05

Application Examples:

Pumps and Dispensing, Air Pumps

Drawing:



Performance Curves:

