

Characteristics:

DC motor

Specifications:

Dimensions	: Ø 0.6 X 0.5 X 0.7 in
Shaft Diameter	: Ø 0.059 in
Input Voltage	: 5.0 V DC
No Load Speed	: 13000 rpm
No Load Current	: 0.06 A
Nominal Speed	: 9500 rpm
Nominal Torque	: 0.004 lb.in
Nominal Current	: 0.20 A
Stall Torque	: 0.018 lb.in
Stall Current	: 0.63 A
Maximum Output Power	: 0.001 hp
Maximum Efficiency	: 50%
Torque at Maximum Efficiency	: 0.004 lb.in
Speed at Maximum Efficiency	: 9500 rpm
Life (Typical)	: 50 hr
Weight	: 0 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



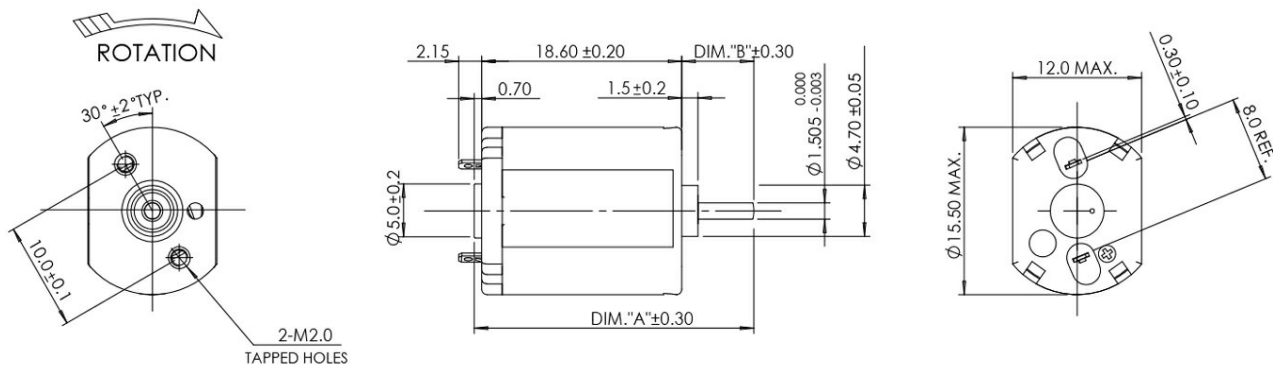
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.06	0.63	0.20	0.35
Efficiency (%)	-	-	50	39
Output Power (hp)	-	-	0.001	0.001
Speed (rpm)	12600	-	9500	6300
Torque (Lb.in)	-	0.019	0.004	0.009

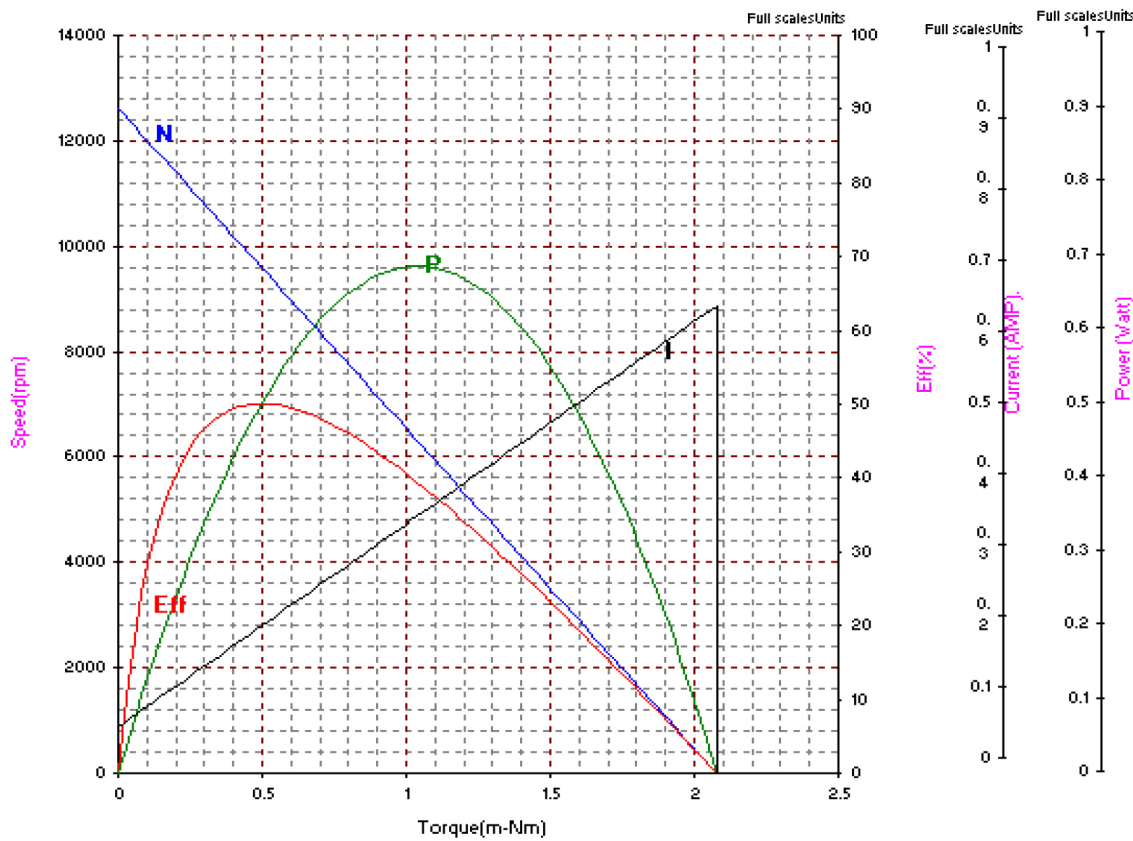
Application Examples:

Door Locks

Outline Drawing:



Performance Curves:



Units in Metric