

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 0.6 X 0.5 X 1.1 in
Shaft Diameter	: Ø 0.059 in
Input Voltage	: 5.0 V DC
No Load Speed	: 6000 rpm
No Load Current	: 0.03 A
Nominal Speed	: 4460 rpm
Nominal Torque	: 0.007 lb.in
Nominal Current	: 0.15 A
Stall Torque	: 0.03 lb.in
Stall Current	: 0.47 A
Maximum Output Power	: 0.0007 hp
Maximum Efficiency	: 62.3%
Torque at Maximum Efficiency	: 0.005 lb.in
Speed at Maximum Efficiency	: 4900 rpm
Life (Typical)	: 50 hr
Weight	: 1 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



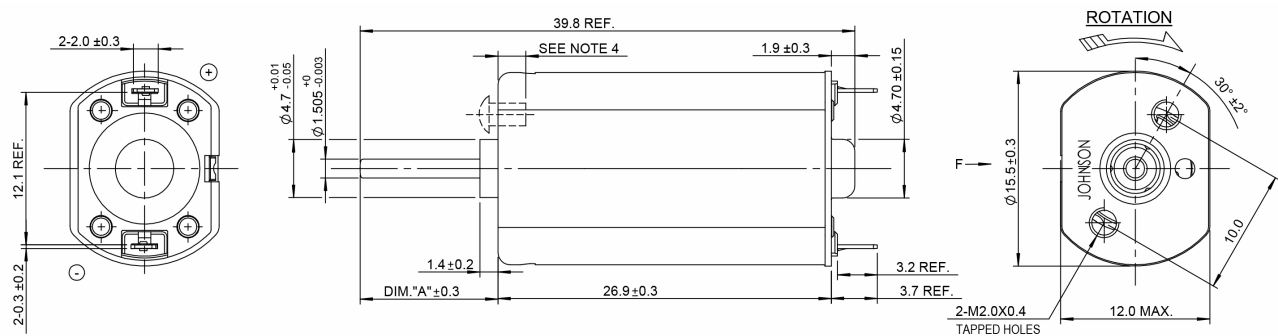
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.03	0.47	0.10	0.25
Efficiency (%)	-	-	62.30	43
Output Power (hp)	-	-	0.00	0.72
Speed (rpm)	6000	-	4900	3000
Torque (Lb.in)	-	0.03	0.00	0.02

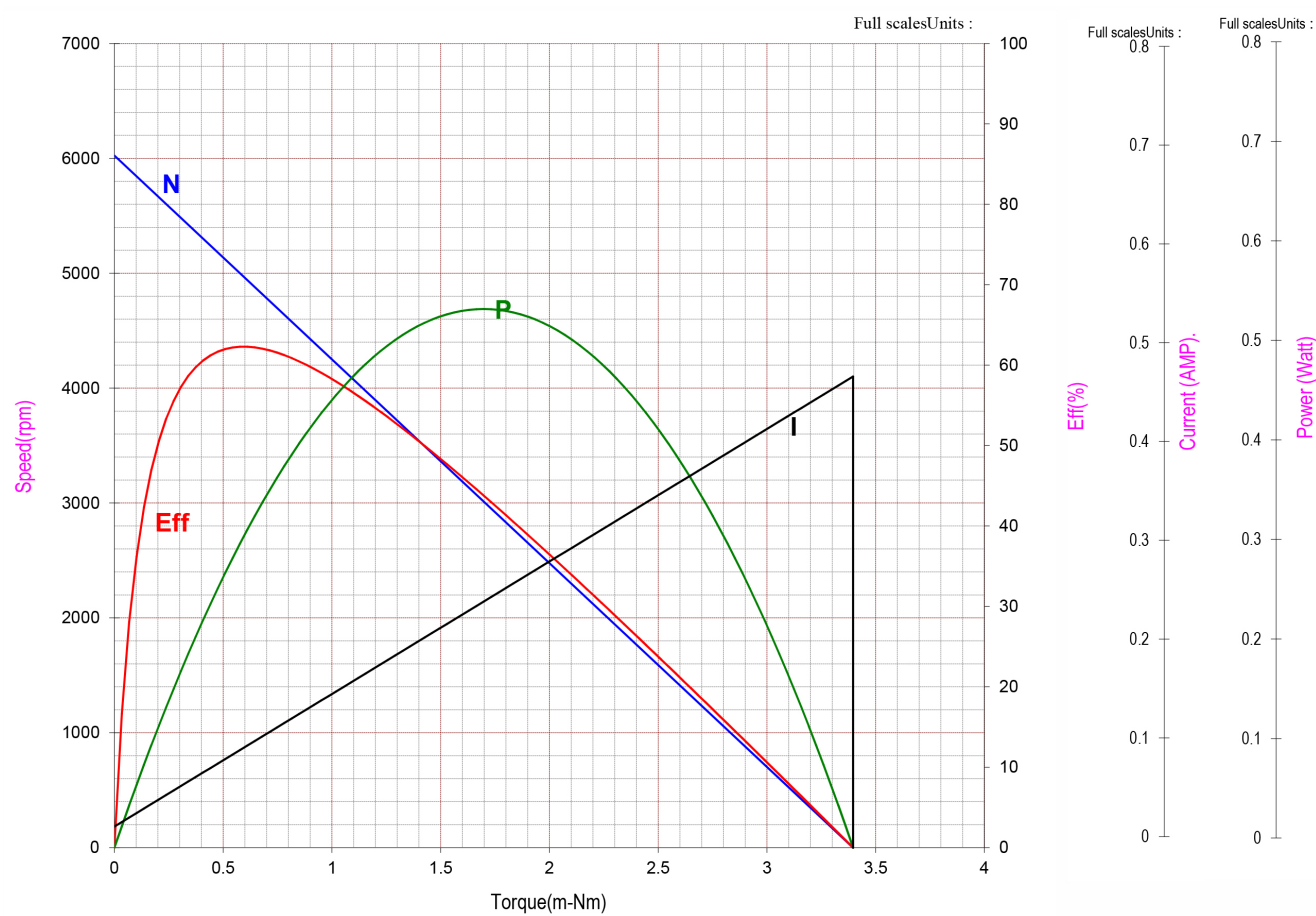
Application Examples:

Door Locks

Outline Drawing:



Performance Curves:



Units in Metric