

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 0.6 X 0.5 X 1.3 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	: 4900 rpm
Nominal Torque	: 0.00 lb.in
Nominal Current	: 0.10 A
Stall Torque	: 0.03 lb.in
Stall Current	: 0.42 A
Maximum Output Power	: 0.00
Maximum Efficiency	: 57%
Torque at Maximum Efficiency	: 0.01 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



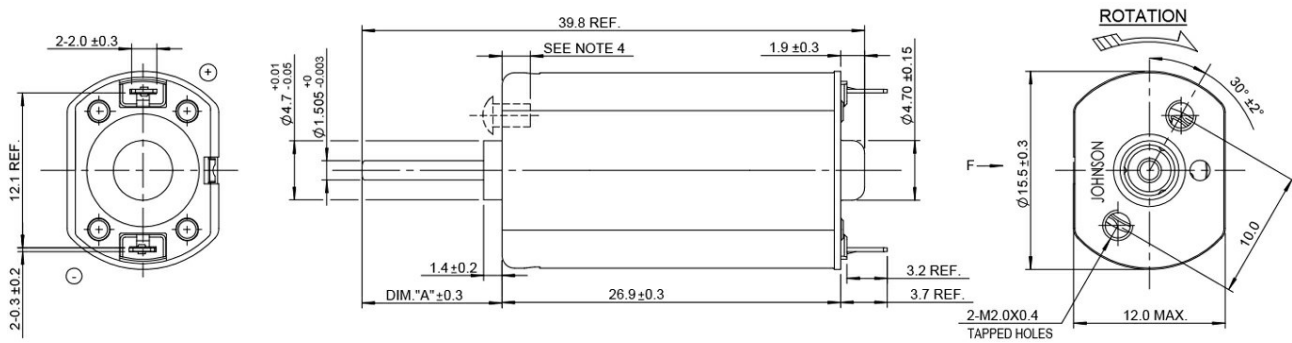
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.03	0.42	0.10	0.22
Efficiency (%)	-	-	57	42
Output Power (hp)	-	-	0.00	0.00
Speed (rpm)	6000	-	4900	3000
Torque (Lb.in)	-	0.03	0.01	0.01

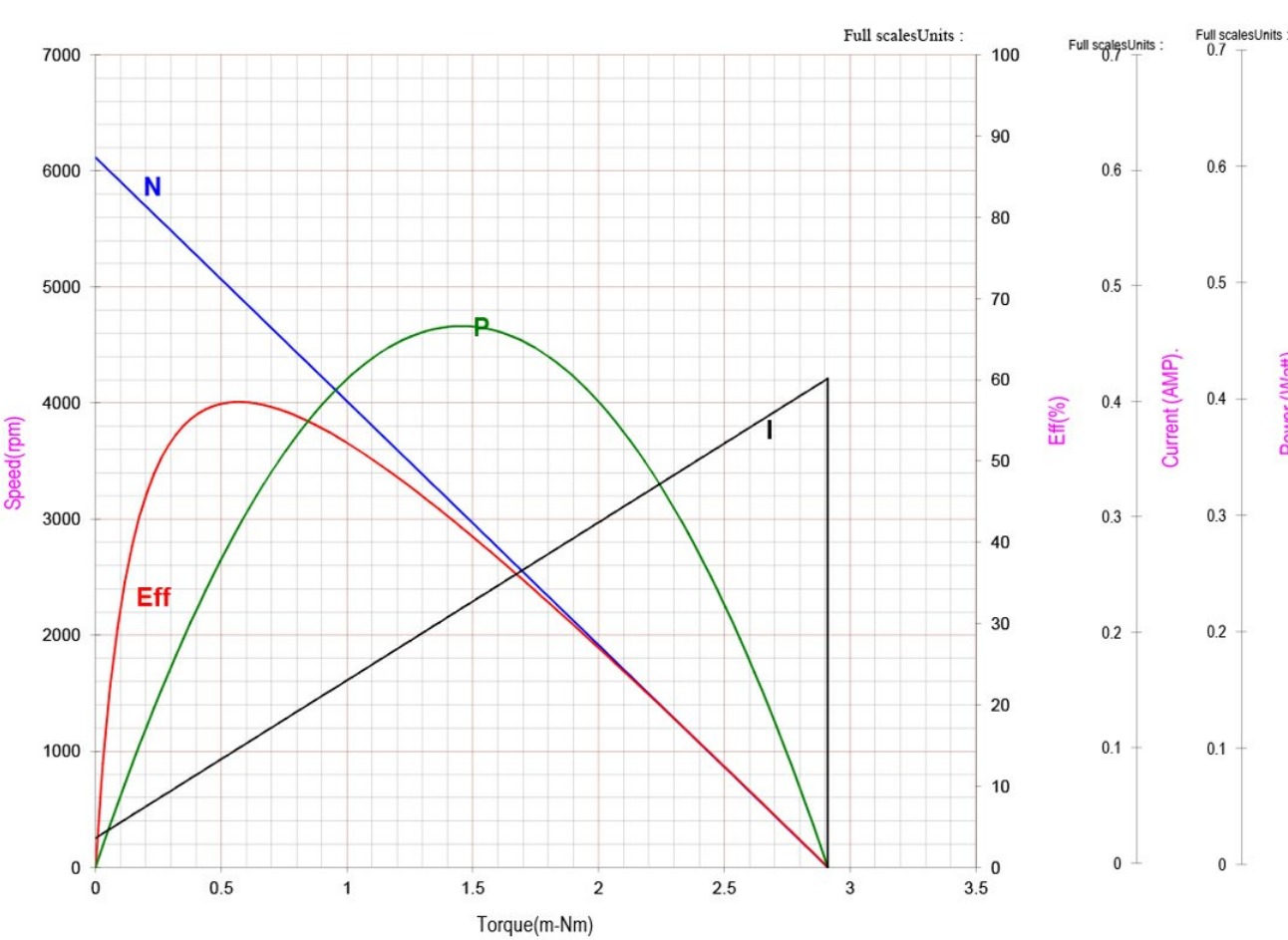
Application Examples:

Door Locks

Outline Drawing:



Performance Curves:



Units in Metric