

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 15.5 X 12.0 X 26.9 mm
Shaft Diameter	: Ø 1.505 mm
Input Voltage	: 5.0 V DC
No Load Speed	: 6000 rpm
No Load Current	: 0.03 A
Nominal Speed	: 4460 rpm
Nominal Torque	: 0.85 mNm
Nominal Current	: 0.15 A
Stall Torque	: 3.40 mNm
Stall Current	: 0.47 A
Maximum Output Power	: 0.54 W
Maximum Efficiency	: 62.3%
Torque at Maximum Efficiency	: 0.59 mNm
Speed at Maximum Efficiency	: 4900 rpm
Life (Typical)	: 50 hr
Weight	: 17 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals

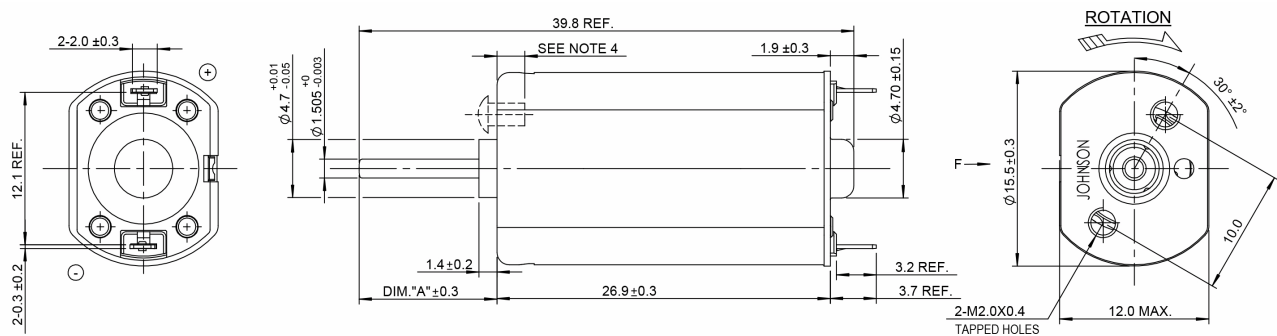
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.03	0.47	0.10	0.25
Efficiency (%)	-	-	62.30	43
Output Power (W)	-	-	0.31	0.54
Speed (rpm)	6000	-	4900	3000
Torque (mNm)	-	3.40	0.59	1.70

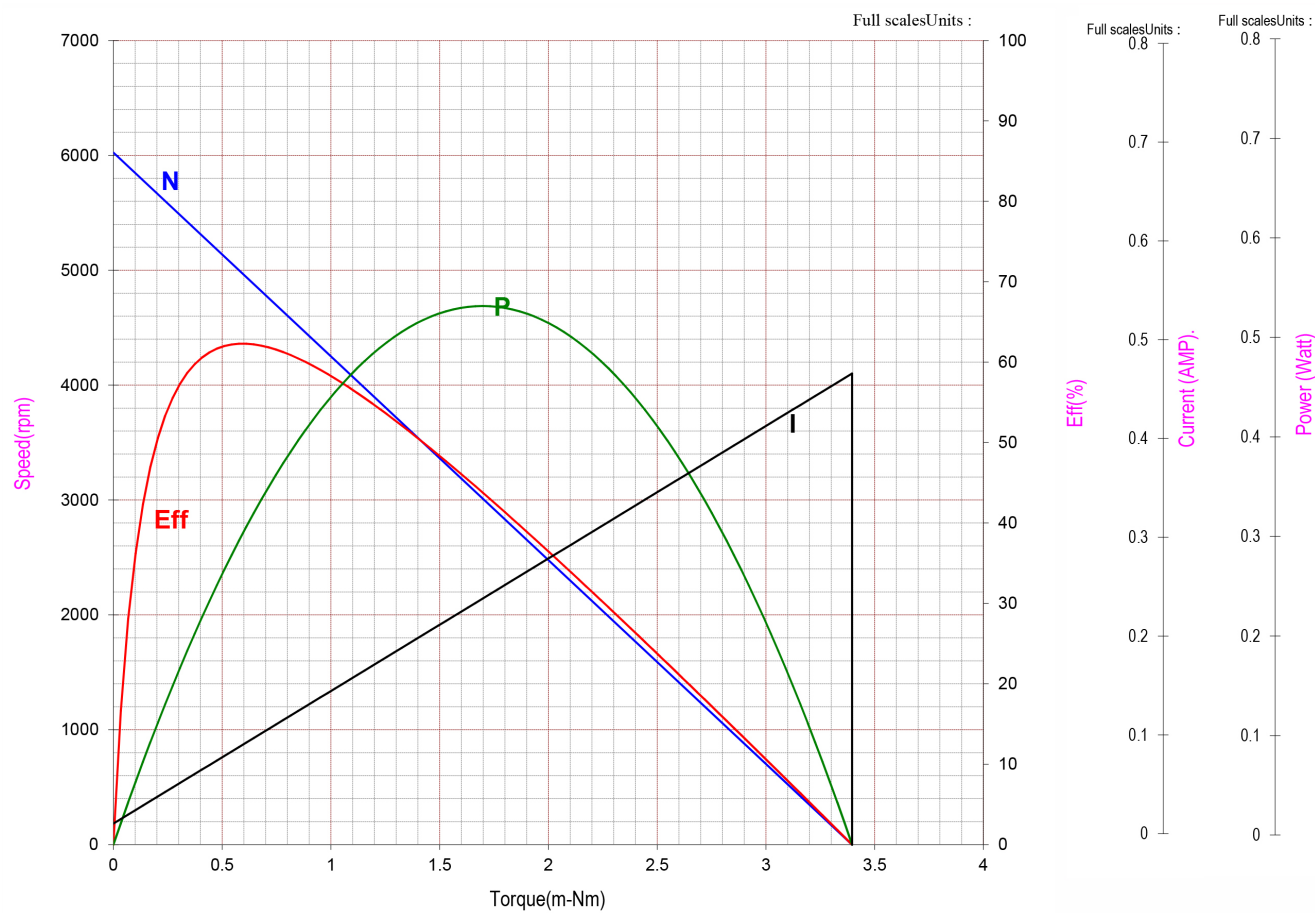
Application Examples:

Door Locks

Outline Drawing:



Performance Curves:



Units in Metric