

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 15.0 X 12.0 X 33.0 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	: 4900 rpm
Nominal Torque	: 0.40 mNm
Nominal Current	: 0.10 A
Stall Torque	: 2.91 mNm
Stall Current	: 0.42 A
Maximum Output Power	: 0.47 W
Maximum Efficiency	: 57%
Torque at Maximum Efficiency	: 0.57 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

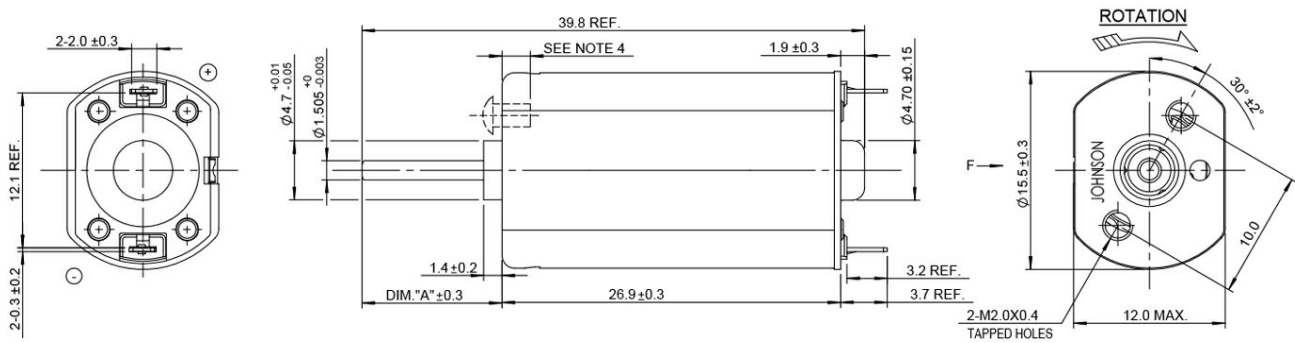
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.03	0.42	0.10	0.22
Efficiency (%)	-	-	57	42
Output Power (W)	-	-	0.30	0.47
Speed (rpm)	6000	-	4900	3000
Torque (mNm)	-	2.91	0.57	1.11

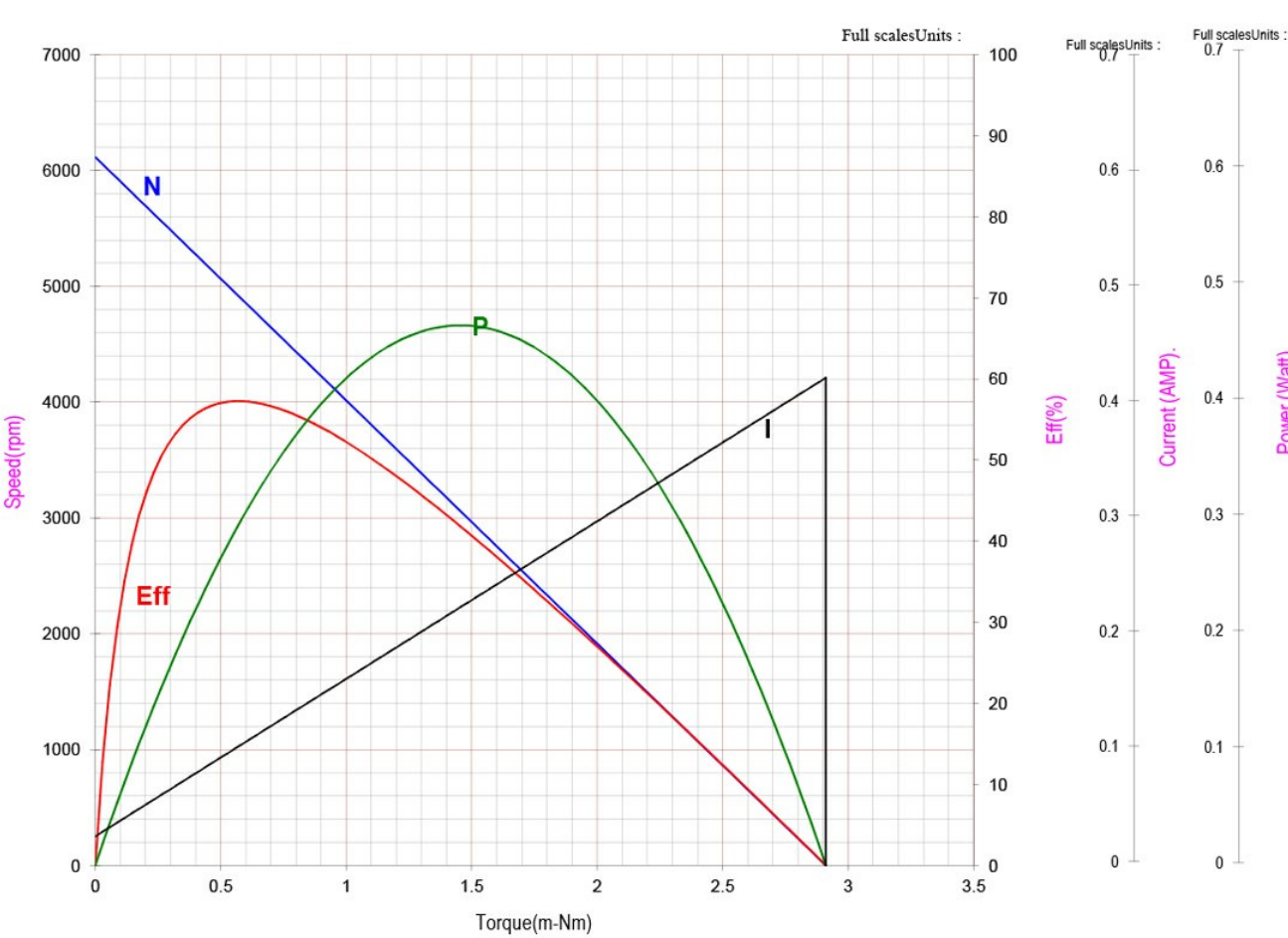
Application Examples:

Door Locks

Outline Drawing:



Performance Curves:



Units in Metric