

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 1.1 X 1.5 in
Shaft Diameter	: Ø 0.091 in
Input Voltage	: 3.6 V DC
No Load Speed	: 18700 rpm
No Load Current	: 1.65 A
Nominal Speed	: 15200 rpm
Nominal Torque	: 0.10 lb.in
Nominal Current	: 7.42 A
Stall Torque	: 0.49 lb.in
Stall Current	: 33.00 A
Maximum Output Power	: 0.04
Maximum Efficiency	: 60%
Torque at Maximum Efficiency	: 0.09 lb.in
Speed at Maximum Efficiency	: 15200 rpm
Life (Typical)	: 90 hr
Weight	: 3 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



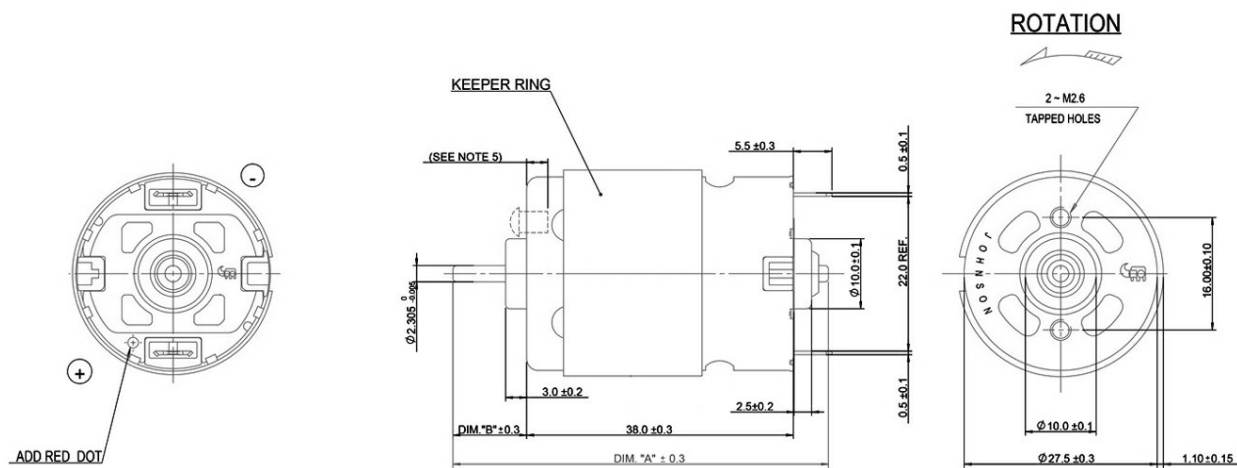
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.65	33.00	7.42	17.50
Efficiency (%)	-	-	60	43
Output Power (hp)	-	-	0.02	0.04
Speed (rpm)	18700	-	15200	9300
Torque (Lb.in)	-	0.49	0.09	0.24

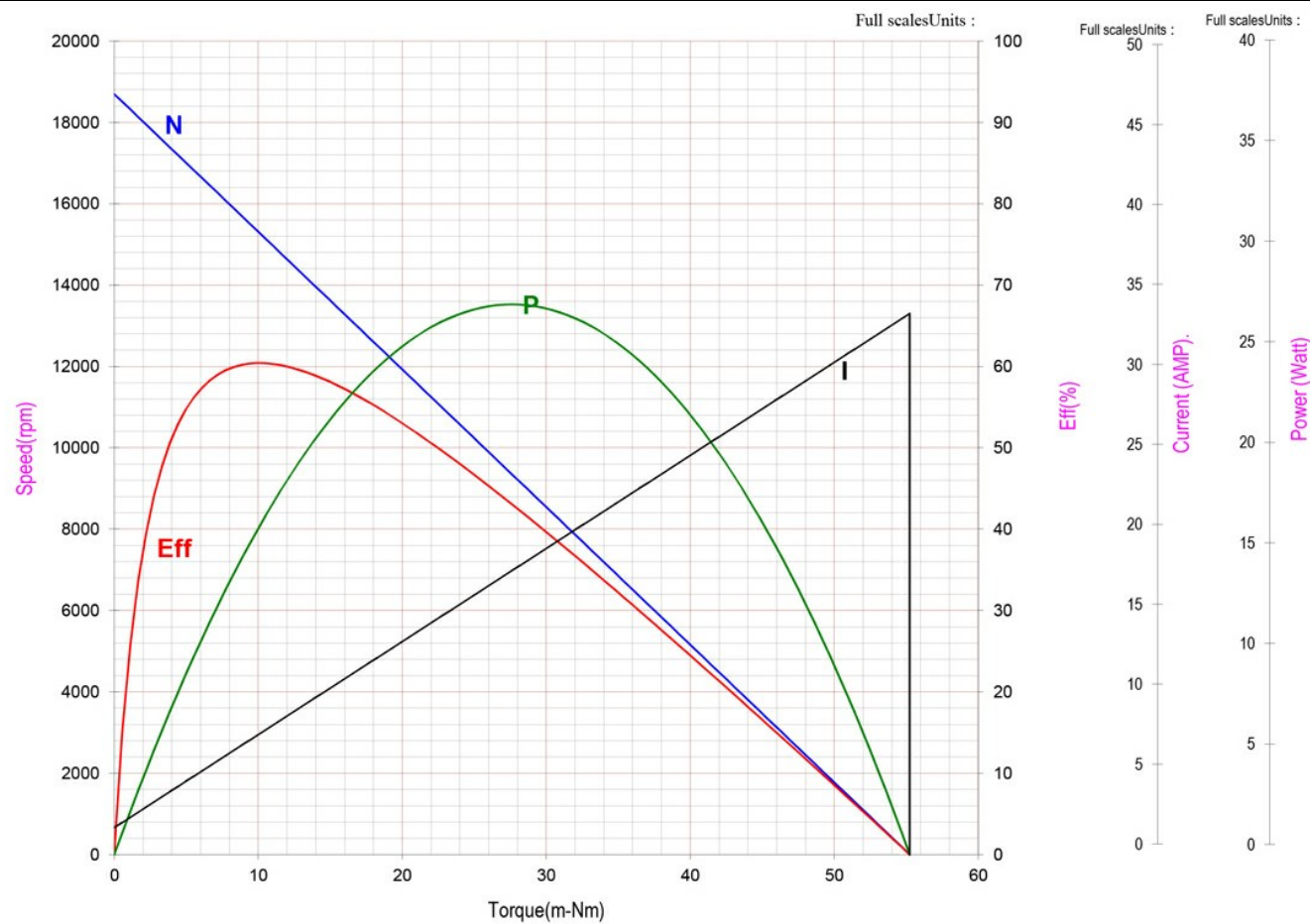
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric