

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.4 X 2.0 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 12.0 V DC
No Load Speed	: 27300 rpm
No Load Current	: 1.39 A
Nominal Speed	: 24500 rpm
Nominal Torque	: 0.37 lb.in
Nominal Current	: 12.60 A
Stall Torque	: 3.72 lb.in
Stall Current	: 115.00 A
Maximum Output Power	: 0.40
Maximum Efficiency	: 70%
Torque at Maximum Efficiency	: 0.37 lb.in
Speed at Maximum Efficiency	: 24500 rpm
Life (Typical)	: 50 hr
Weight	: 6 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



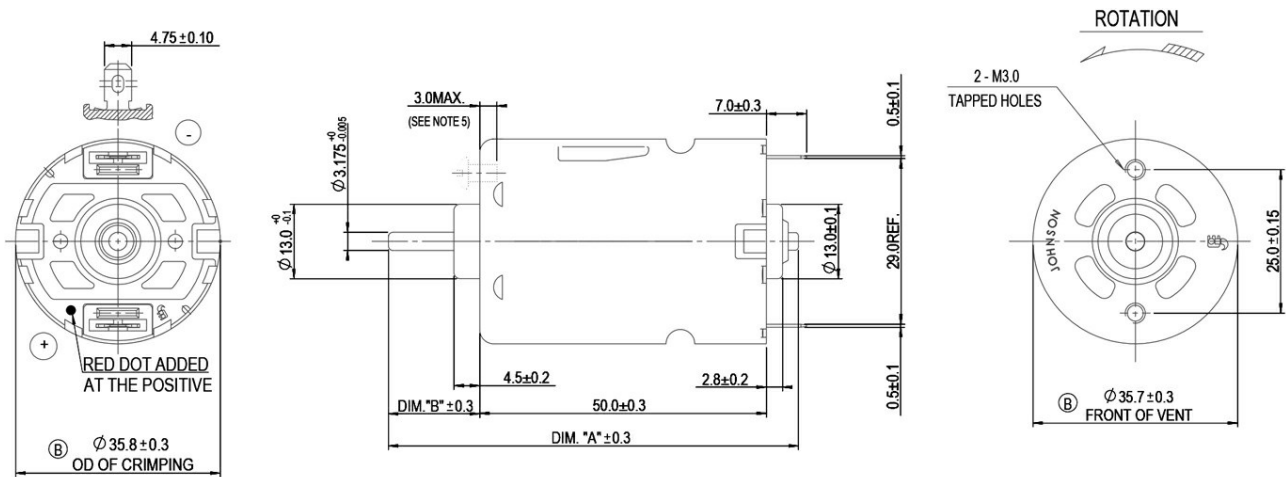
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.39	115.00	12.60	58.20
Efficiency (%)	-	-	70	43
Output Power (hp)	-	-	0.14	0.40
Speed (rpm)	27300	-	24500	13600
Torque (Lb.in)	-	3.72	0.37	1.86

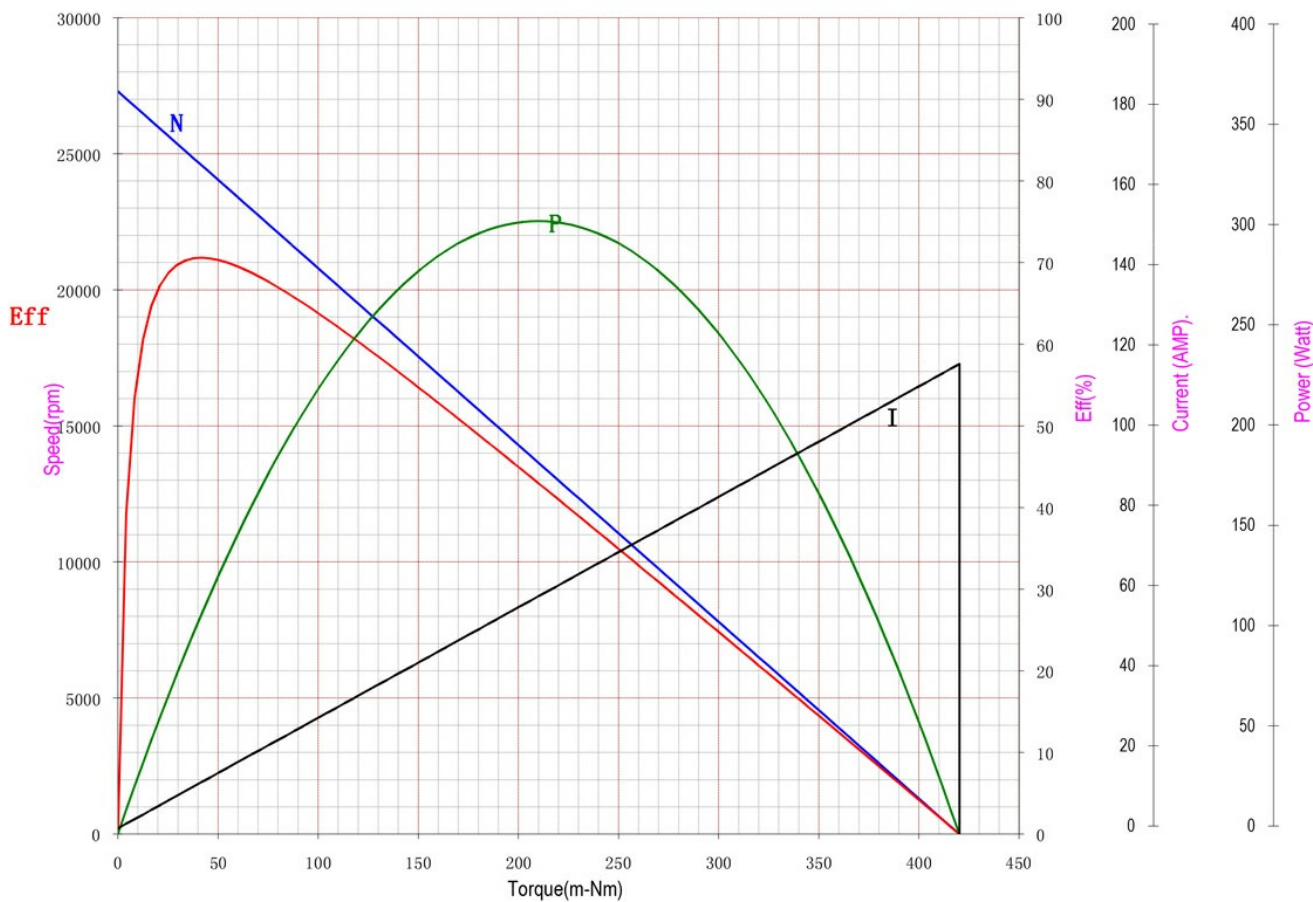
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric