

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.5 X 2.3 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 14.4 V DC
No Load Speed	: 20400 rpm
No Load Current	: 2.10 A
Nominal Speed	: 18000 rpm
Nominal Torque	: 0.82 lb.in
Nominal Current	: 15.60 A
Stall Torque	: 7.05 lb.in
Stall Current	: 118.00 A
Maximum Output Power	: 0.57
Maximum Efficiency	: 78%
Torque at Maximum Efficiency	: 0.82 lb.in
Speed at Maximum Efficiency	: 18000 rpm
Life (Typical)	: 100 hr
Weight	: 10 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



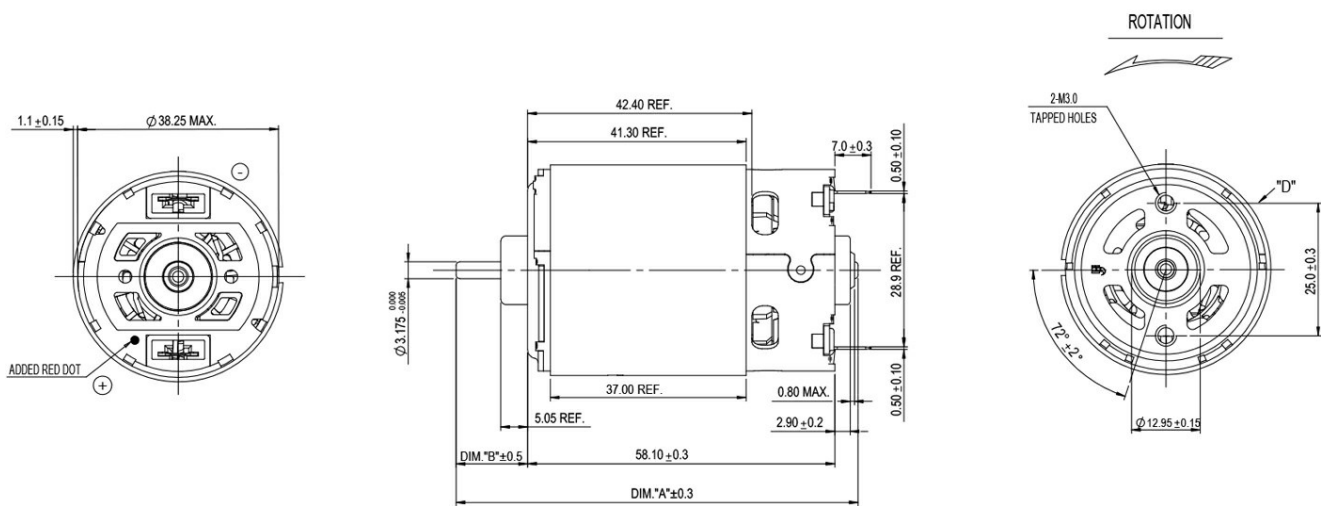
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	2.10	118.00	15.60	60.00
Efficiency (%)	-	-	78	49
Output Power (hp)	-	-	0.24	0.57
Speed (rpm)	20400	-	18000	10200
Torque (Lb.in)	-	7.05	0.82	3.52

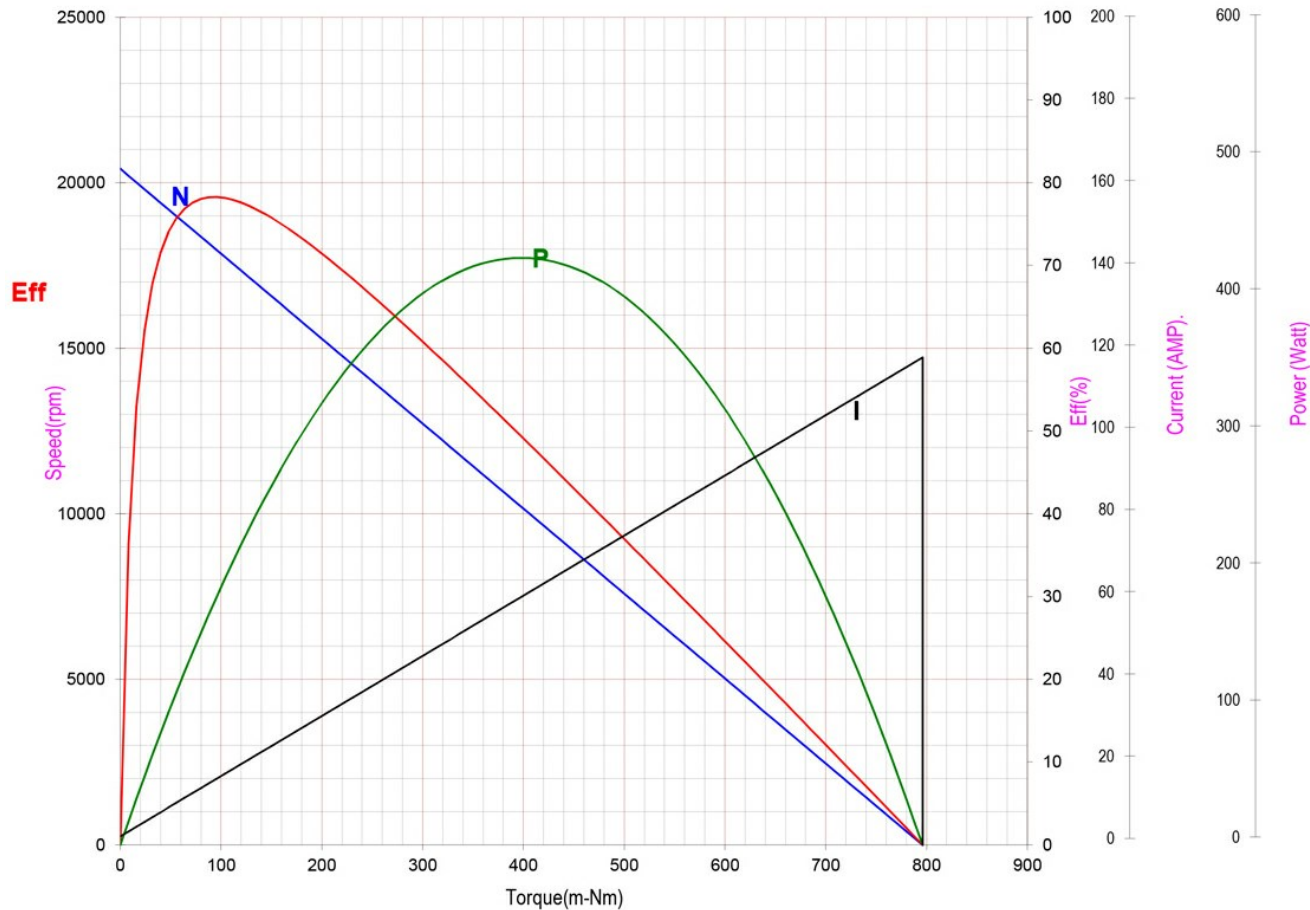
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric