

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.7 X 2.4 in
Shaft Diameter	: Ø 0.197 in
Input Voltage	: 18.0 V DC
No Load Speed	: 23000 rpm
No Load Current	: 3.60 A
Nominal Speed	: 19800 rpm
Nominal Torque	: 1.21 lb.in
Nominal Current	: 21.40 A
Stall Torque	: 8.46 lb.in
Stall Current	: 128.00 A
Maximum Output Power	: 0.78
Maximum Efficiency	: 74%
Torque at Maximum Efficiency	: 1.21 lb.in
Speed at Maximum Efficiency	: 19800 rpm
Life (Typical)	: 50 hr
Weight	: 15 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Leadwires



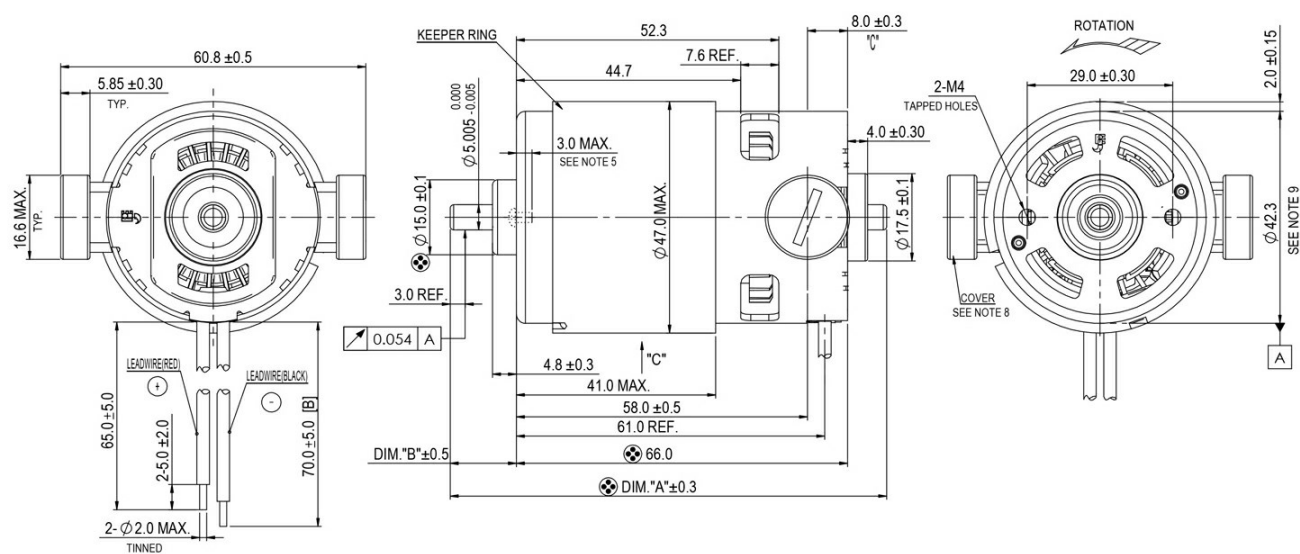
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	3.60	128.00	21.40	66.00
Efficiency (%)	-	-	74	49
Output Power (hp)	-	-	0.38	0.78
Speed (rpm)	23000	-	19800	11500
Torque (Lb.in)	-	8.46	1.21	4.23

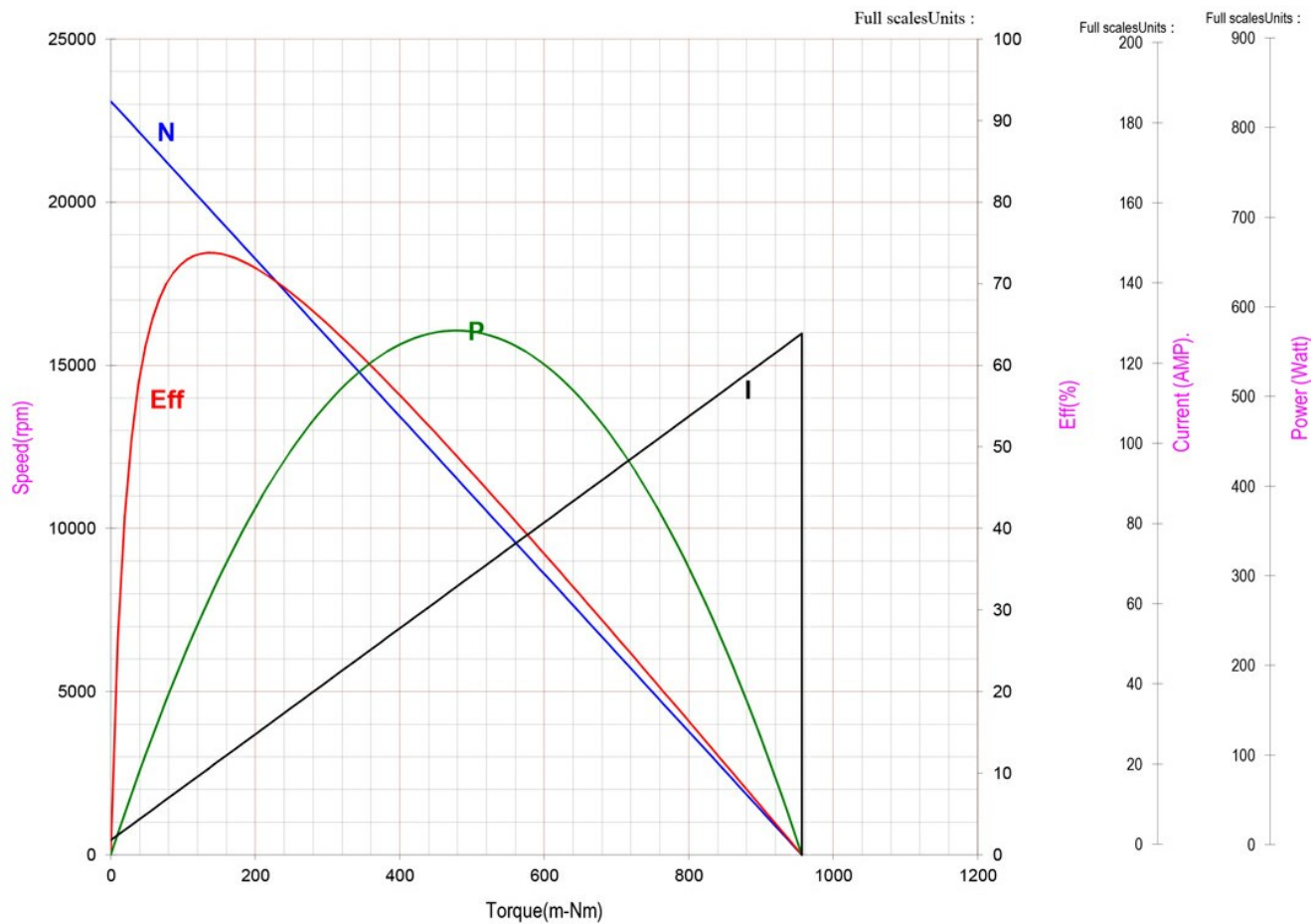
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric