

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.4 X 2.2 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 14.4 V DC
No Load Speed	: 18700 rpm
No Load Current	: 2.10 A
Nominal Speed	: 16500 rpm
Nominal Torque	: 0.89 lb.in
Nominal Current	: 15.30 A
Stall Torque	: 7.39 lb.in
Stall Current	: 111.00 A
Maximum Output Power	: 0.55
Maximum Efficiency	: 79%
Torque at Maximum Efficiency	: 0.89 lb.in
Speed at Maximum Efficiency	: 16500 rpm
Life (Typical)	: 50 hr
Weight	: 8 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Leadwires



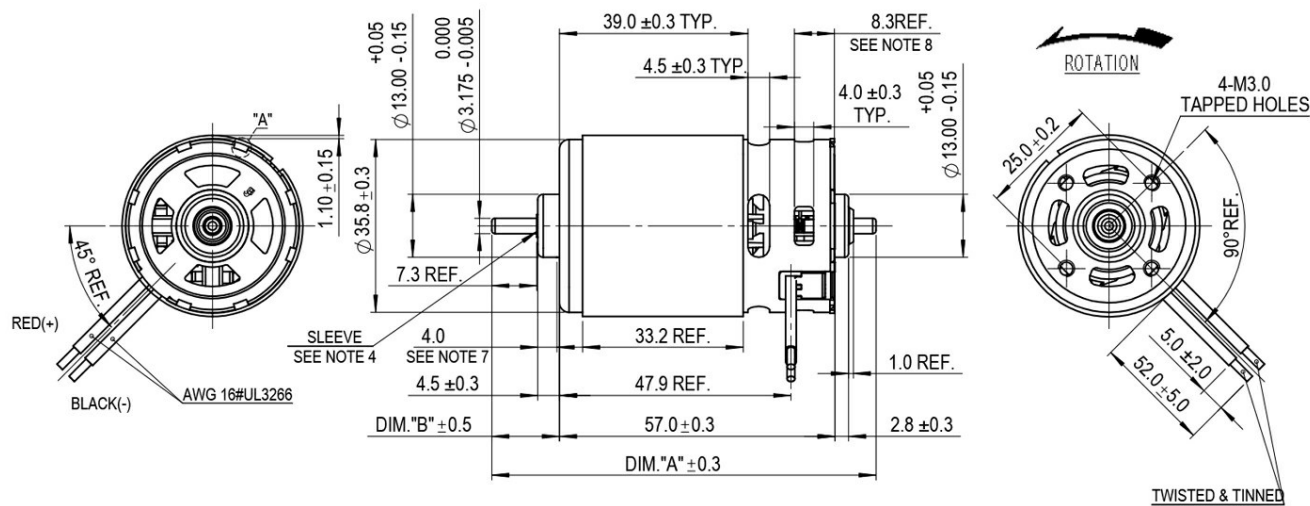
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	2.10	111.00	15.30	56.60
Efficiency (%)	-	-	79	50
Output Power (hp)	-	-	0.23	0.55
Speed (rpm)	18700	-	16500	9400
Torque (Lb.in)	-	7.39	0.89	3.70

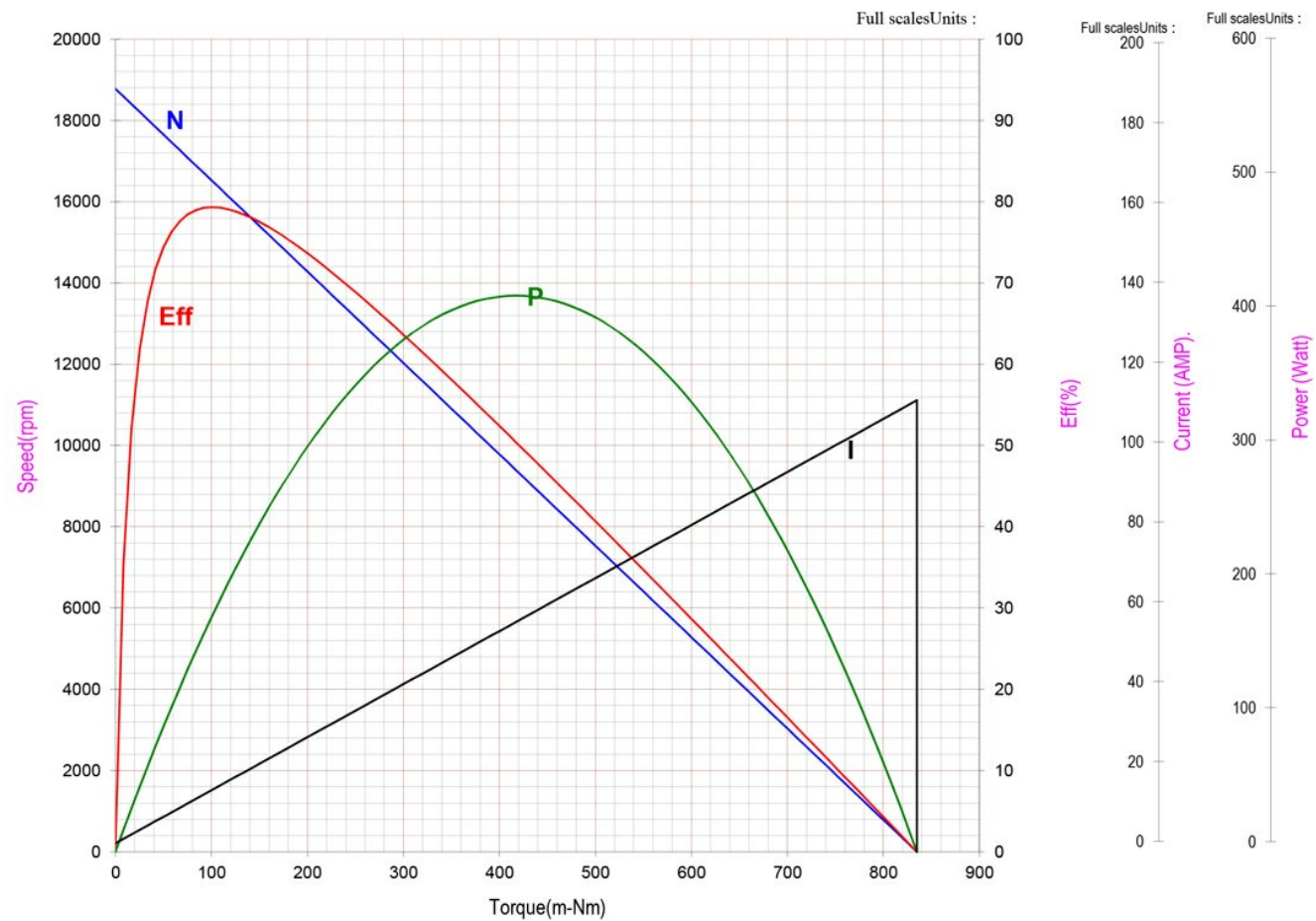
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric