

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.8 X 2.1 in
Shaft Diameter	: Ø 0.197 in
Input Voltage	: 18.0 V DC
No Load Speed	: 21000 rpm
No Load Current	: 4.00 A
Nominal Speed	: 18000 rpm
Nominal Torque	: 1.59 lb.in
Nominal Current	: 25.00 A
Stall Torque	: 11.20 lb.in
Stall Current	: 151.00 A
Maximum Output Power	: 0.93
Maximum Efficiency	: 75%
Torque at Maximum Efficiency	: 1.59 lb.in
Speed at Maximum Efficiency	: 18000 rpm
Life (Typical)	: 100 hr
Weight	: 12 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Leadwires



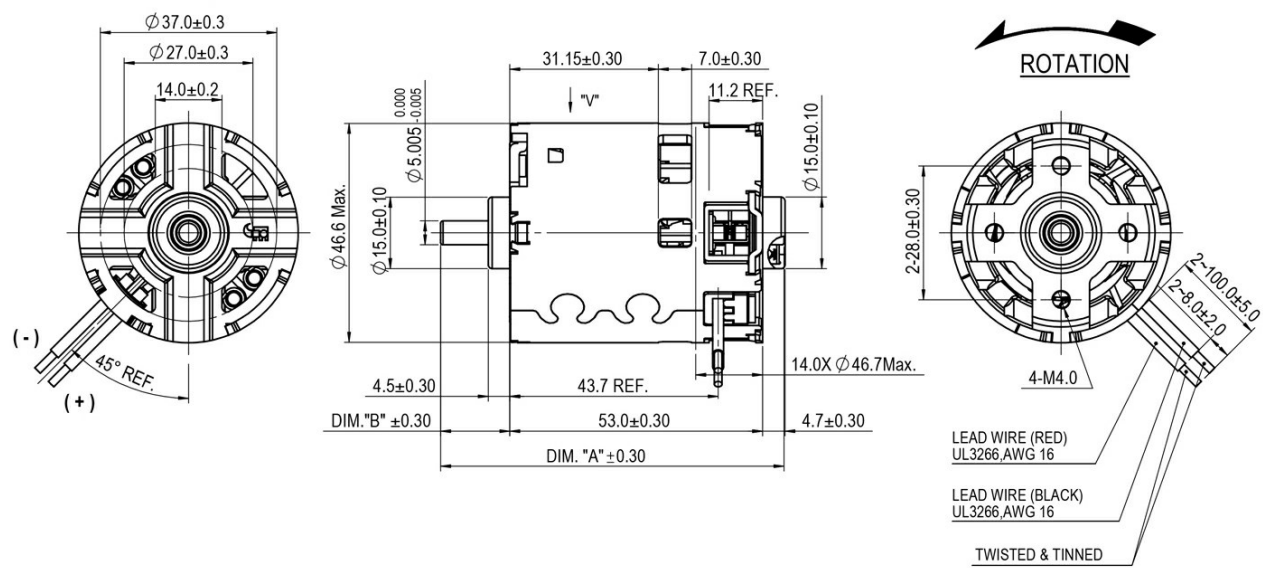
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	4.00	151.00	25.00	77.60
Efficiency (%)	-	-	75	50
Output Power (hp)	-	-	0.45	0.93
Speed (rpm)	21000	-	18000	10500
Torque (Lb.in)	-	11.20	1.59	5.60

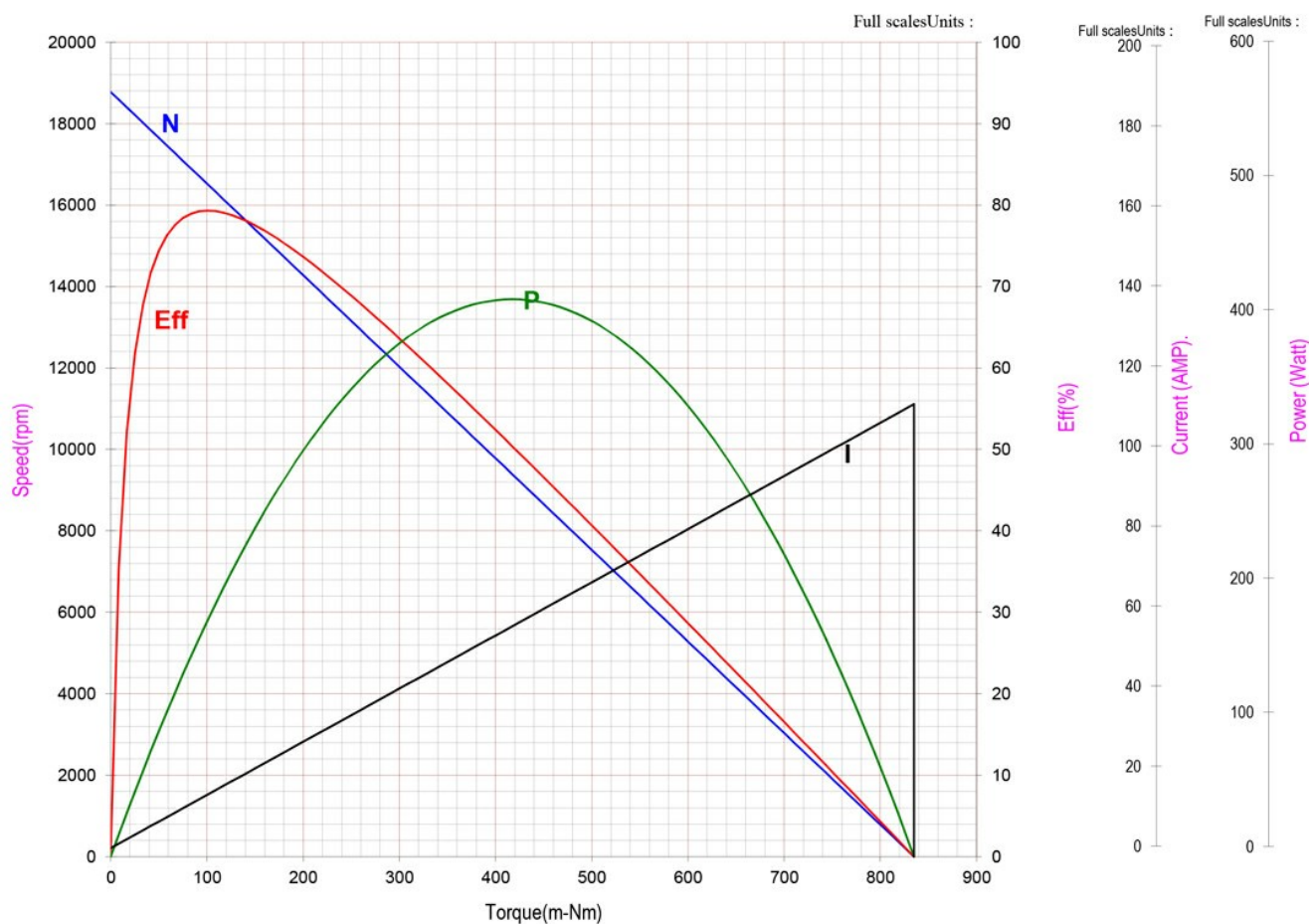
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric