

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.9 X 2.7 in
Shaft Diameter	: Ø 0.197 in
Input Voltage	: 21.6 V DC
No Load Speed	: 21300 rpm
No Load Current	: 4.20 A
Nominal Speed	: 18500 rpm
Nominal Torque	: 2.12 lb.in
Nominal Current	: 27.00 A
Stall Torque	: 15.60 lb.in
Stall Current	: 169.00 A
Maximum Output Power	: 1.32
Maximum Efficiency	: 80%
Torque at Maximum Efficiency	: 2.12 lb.in
Speed at Maximum Efficiency	: 18500 rpm
Life (Typical)	: 50 hr
Weight	: 17 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



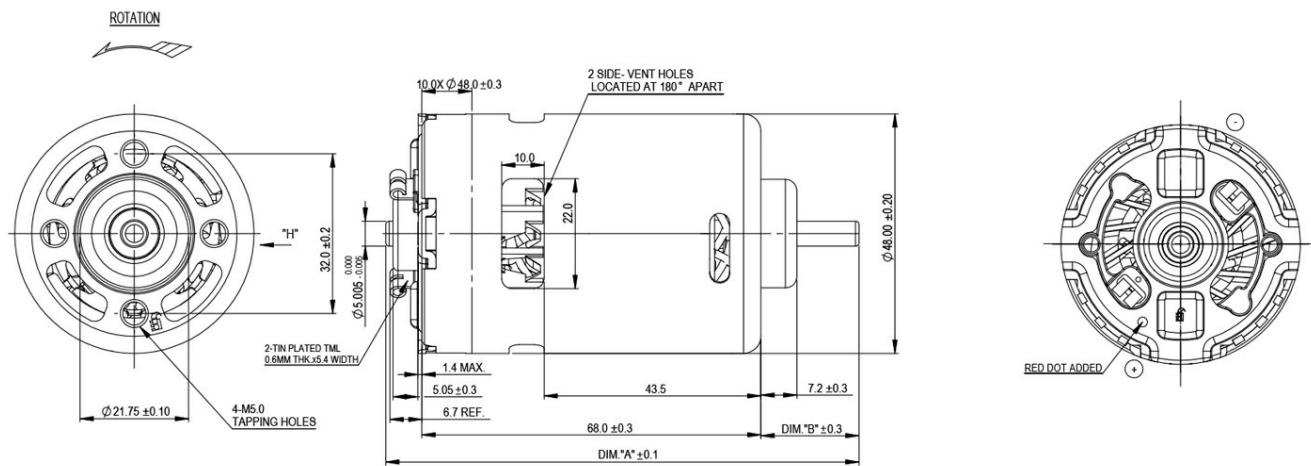
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	4.20	169.00	27.00	87.00
Efficiency (%)	-	-	80	53
Output Power (hp)	-	-	0.62	1.32
Speed (rpm)	21300	-	18500	10700
Torque (Lb.in)	-	15.60	2.12	7.80

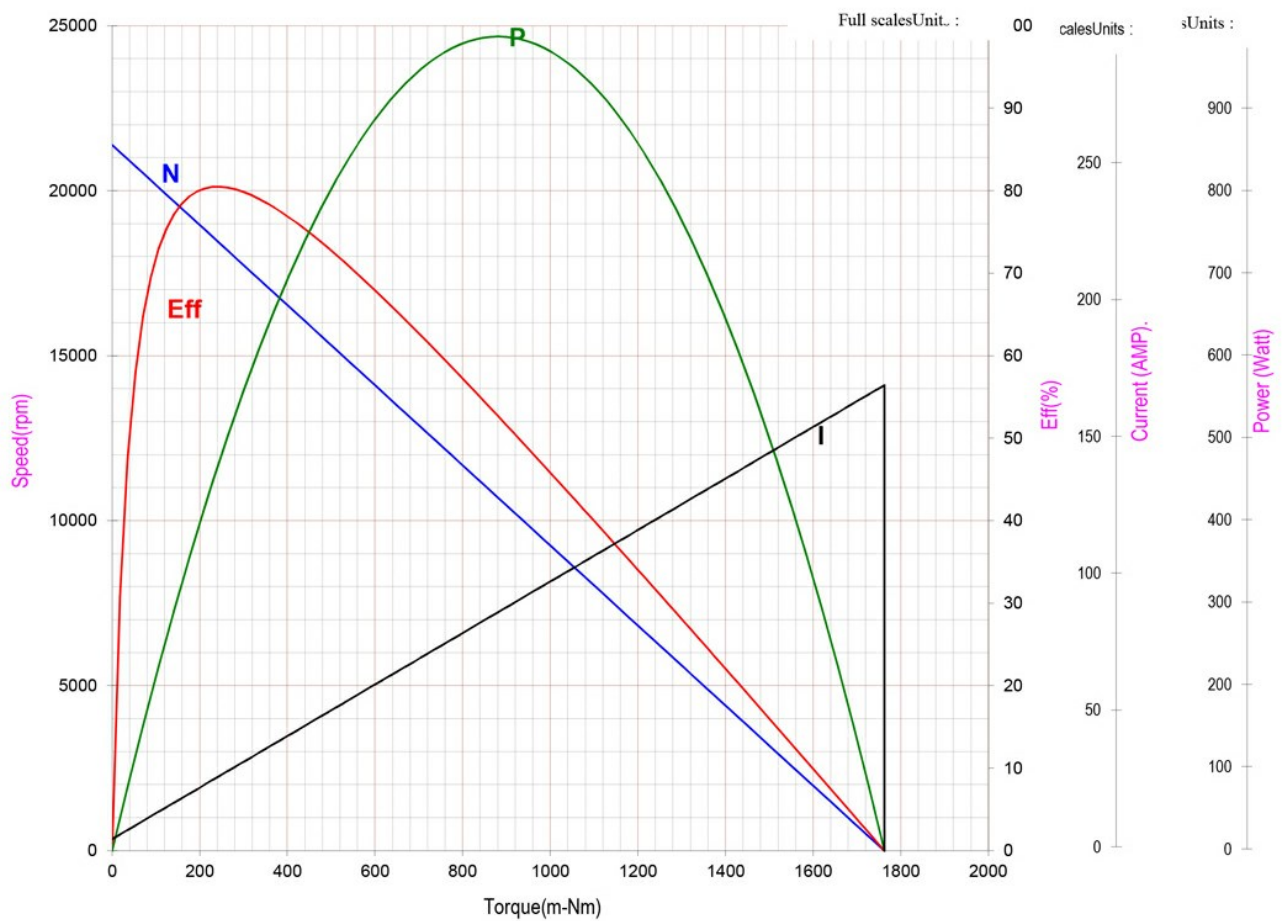
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric