

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.4 X 2.2 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 24.0 V DC
No Load Speed	: 19000 rpm
No Load Current	: 0.76 A
Nominal Speed	: 17000 rpm
Nominal Torque	: 0.58 lb.in
Nominal Current	: 6.40 A
Stall Torque	: 5.37 lb.in
Stall Current	: 53.80 A
Maximum Output Power	: 0.40
Maximum Efficiency	: 74%
Torque at Maximum Efficiency	: 0.58 lb.in
Speed at Maximum Efficiency	: 17000 rpm
Life (Typical)	: 100 hr
Weight	: 8 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



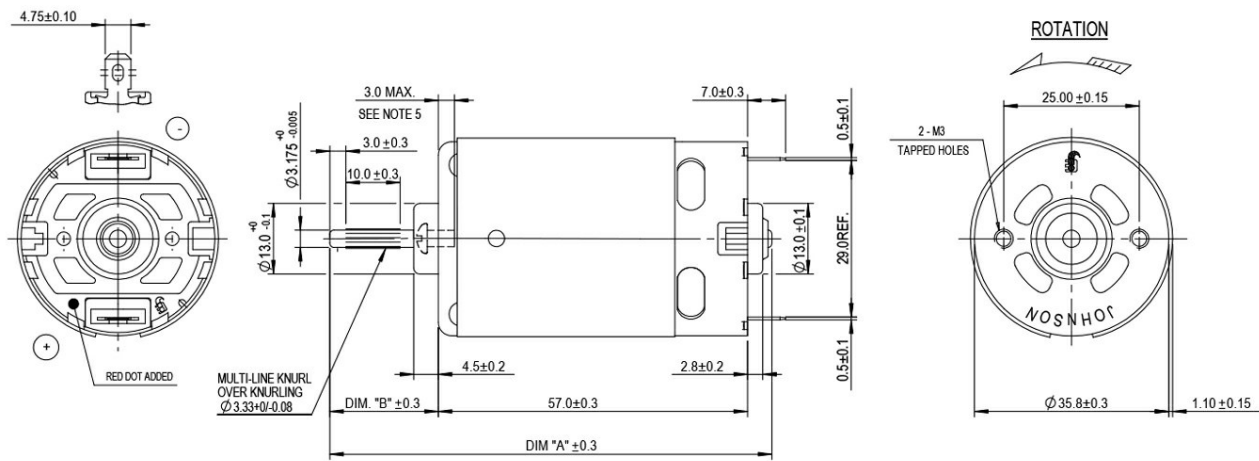
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.76	53.80	6.40	27.30
Efficiency (%)	-	-	74	46
Output Power (hp)	-	-	0.15	0.40
Speed (rpm)	19000	-	17000	9400
Torque (Lb.in)	-	5.37	0.58	2.69

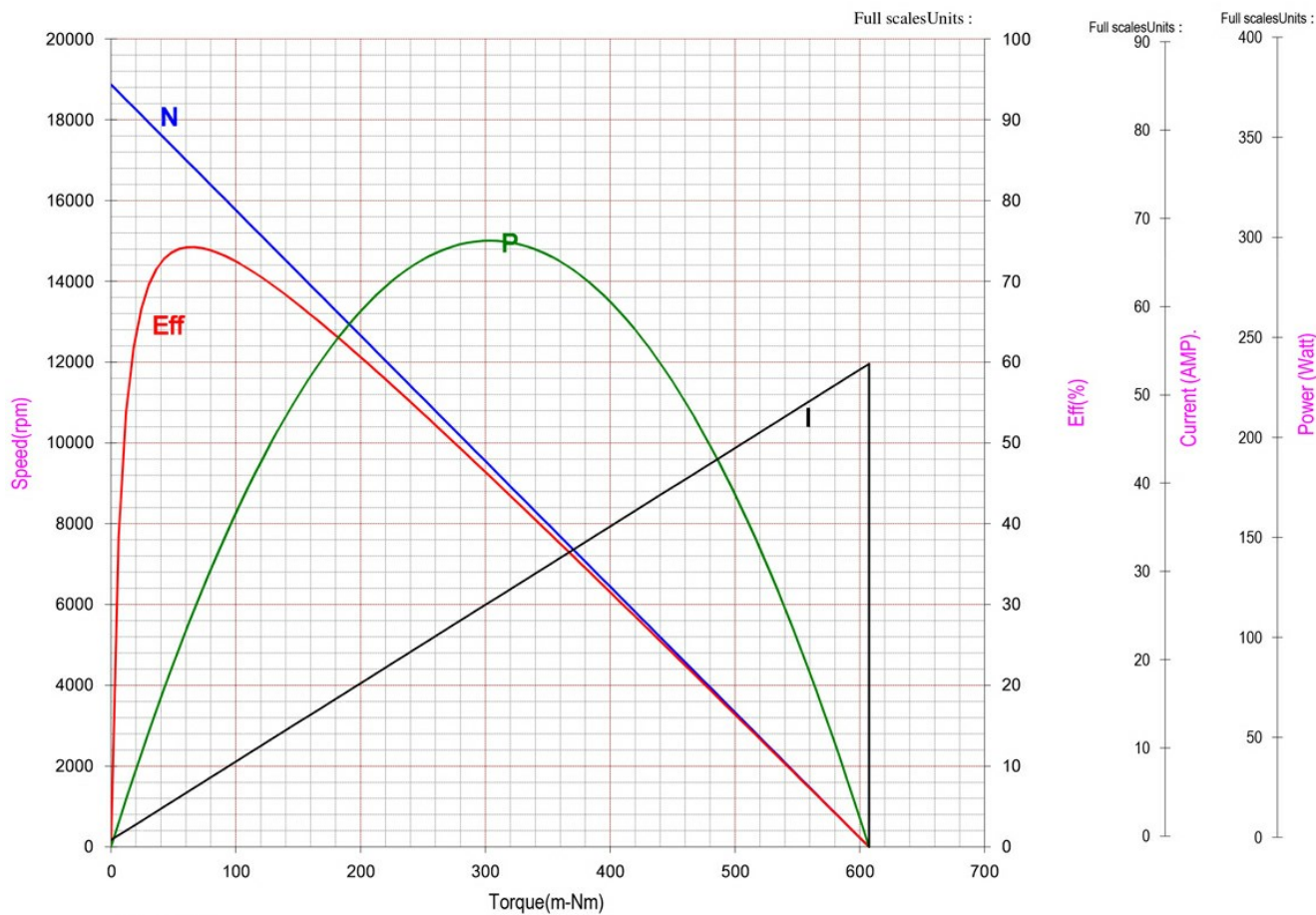
Application Examples:

ATV

Outline Drawing:



Performance Curves:



Units in Metric