

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 1.4 X 2.2 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 12.0 V DC
No Load Speed	: 15200 rpm
No Load Current	: 0.96 A
Nominal Speed	: 13700 rpm
Nominal Torque	: 0.43 lb.in
Nominal Current	: 8.40 A
Stall Torque	: 4.25 lb.in
Stall Current	: 74.00 A
Maximum Output Power	: 0.26
Maximum Efficiency	: 69%
Torque at Maximum Efficiency	: 0.43 lb.in
Speed at Maximum Efficiency	: 13700 rpm
Life (Typical)	: 80 hr
Weight	: 8 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



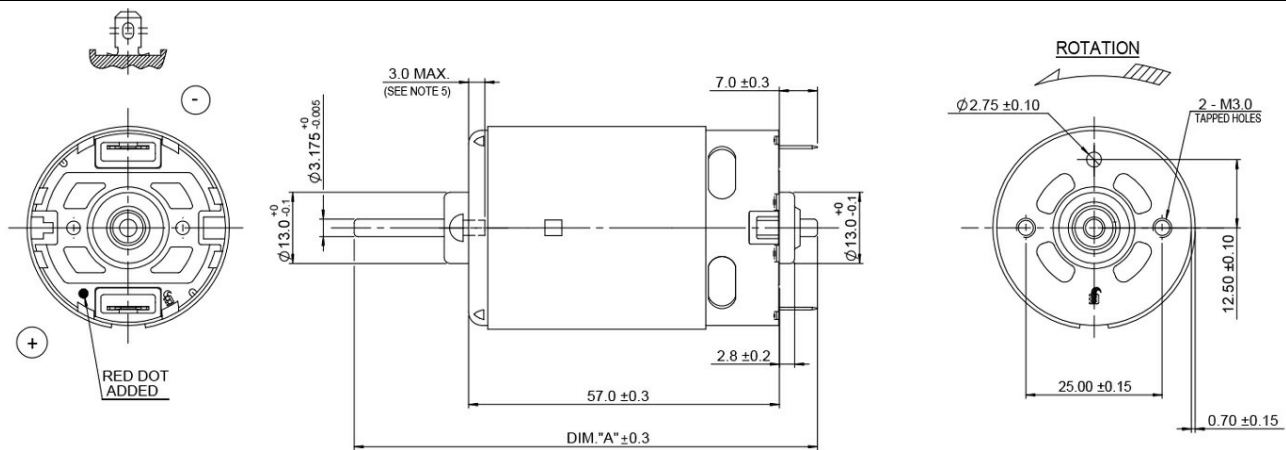
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.96	74.00	8.40	37.70
Efficiency (%)	-	-	69	50
Output Power (hp)	-	-	0.09	0.26
Speed (rpm)	15200	-	13700	7600
Torque (Lb.in)	-	4.25	0.43	2.12

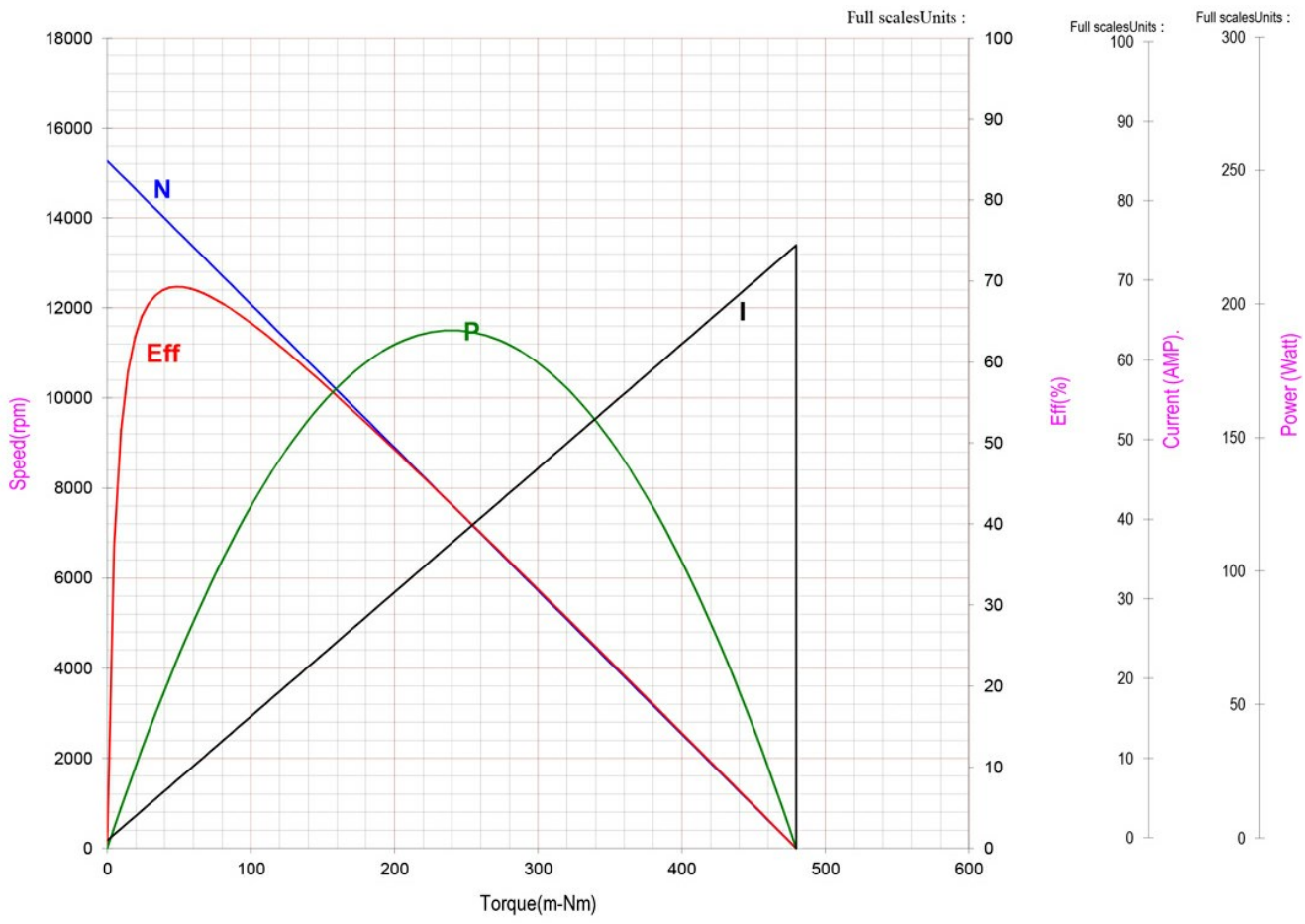
Application Examples:

ATV

Outline Drawing:



Performance Curves:



Units in Metric