

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 35.8 X 57.0 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 12.0 V DC
No Load Speed	: 15200 rpm
No Load Current	: 0.96 A
Nominal Speed	: 13700 rpm
Nominal Torque	: 49.00 mNm
Nominal Current	: 8.40 A
Stall Torque	: 480.00 mNm
Stall Current	: 74.00 A
Maximum Output Power	: 192.00 W
Maximum Efficiency	: 69%
Torque at Maximum Efficiency	: 49.00 mNm
Speed at Maximum Efficiency	: 13700 rpm
Life (Typical)	: 80 hr
Weight	: 230 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



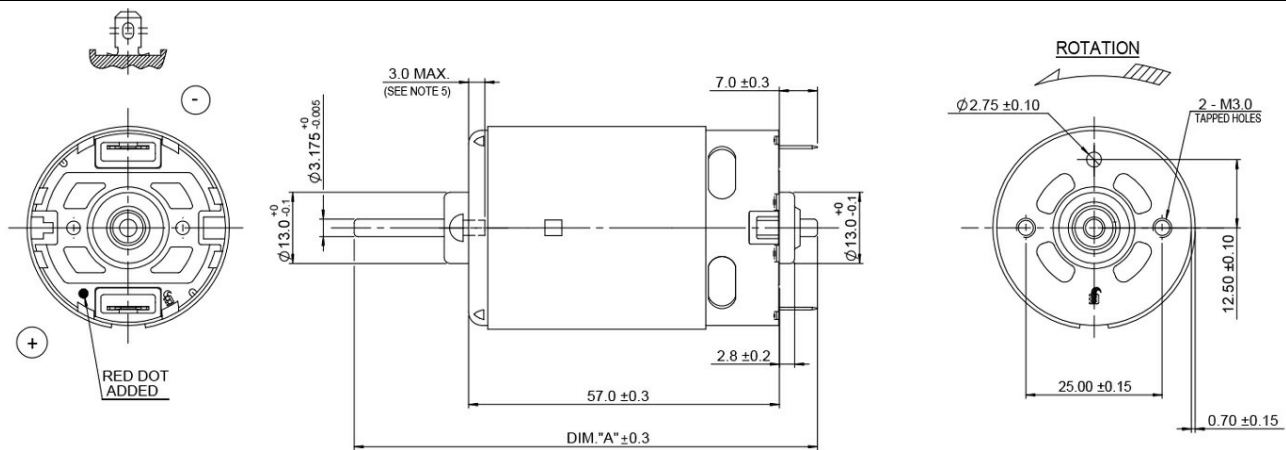
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.96	74.00	8.40	37.70
Efficiency (%)	-	-	69	50
Output Power (W)	-	-	70.00	192.00
Speed (rpm)	15200	-	13700	7600
Torque (mNm)	-	480.00	49.00	240.00

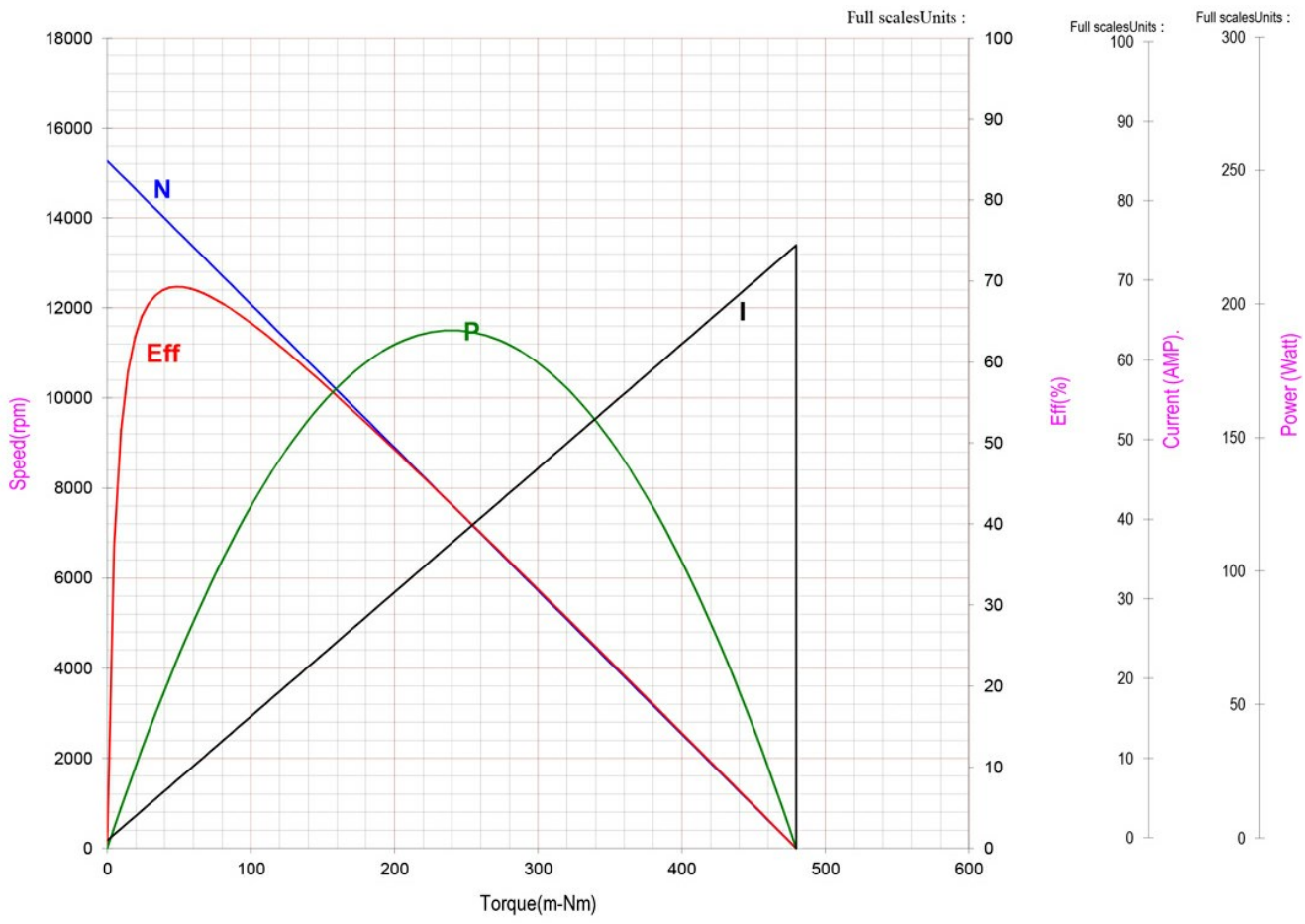
Application Examples:

ATV

Outline Drawing:



Performance Curves:



Units in Metric