

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 35.8 X 57.0 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 24.0 V DC
No Load Speed	: 19000 rpm
No Load Current	: 0.76 A
Nominal Speed	: 17000 rpm
Nominal Torque	: 65.00 mNm
Nominal Current	: 6.40 A
Stall Torque	: 607.00 mNm
Stall Current	: 53.80 A
Maximum Output Power	: 300.00 W
Maximum Efficiency	: 74%
Torque at Maximum Efficiency	: 65.00 mNm
Speed at Maximum Efficiency	: 17000 rpm
Life (Typical)	: 100 hr
Weight	: 240 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



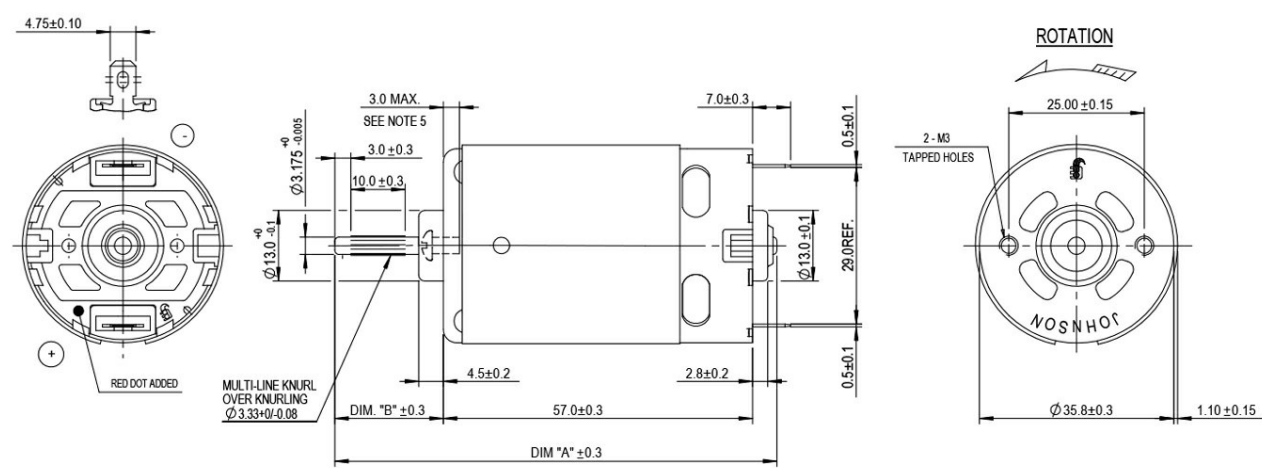
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.76	53.80	6.40	27.30
Efficiency (%)	-	-	74	46
Output Power (W)	-	-	114.00	300.00
Speed (rpm)	19000	-	17000	9400
Torque (mNm)	-	607.00	65.00	304.00

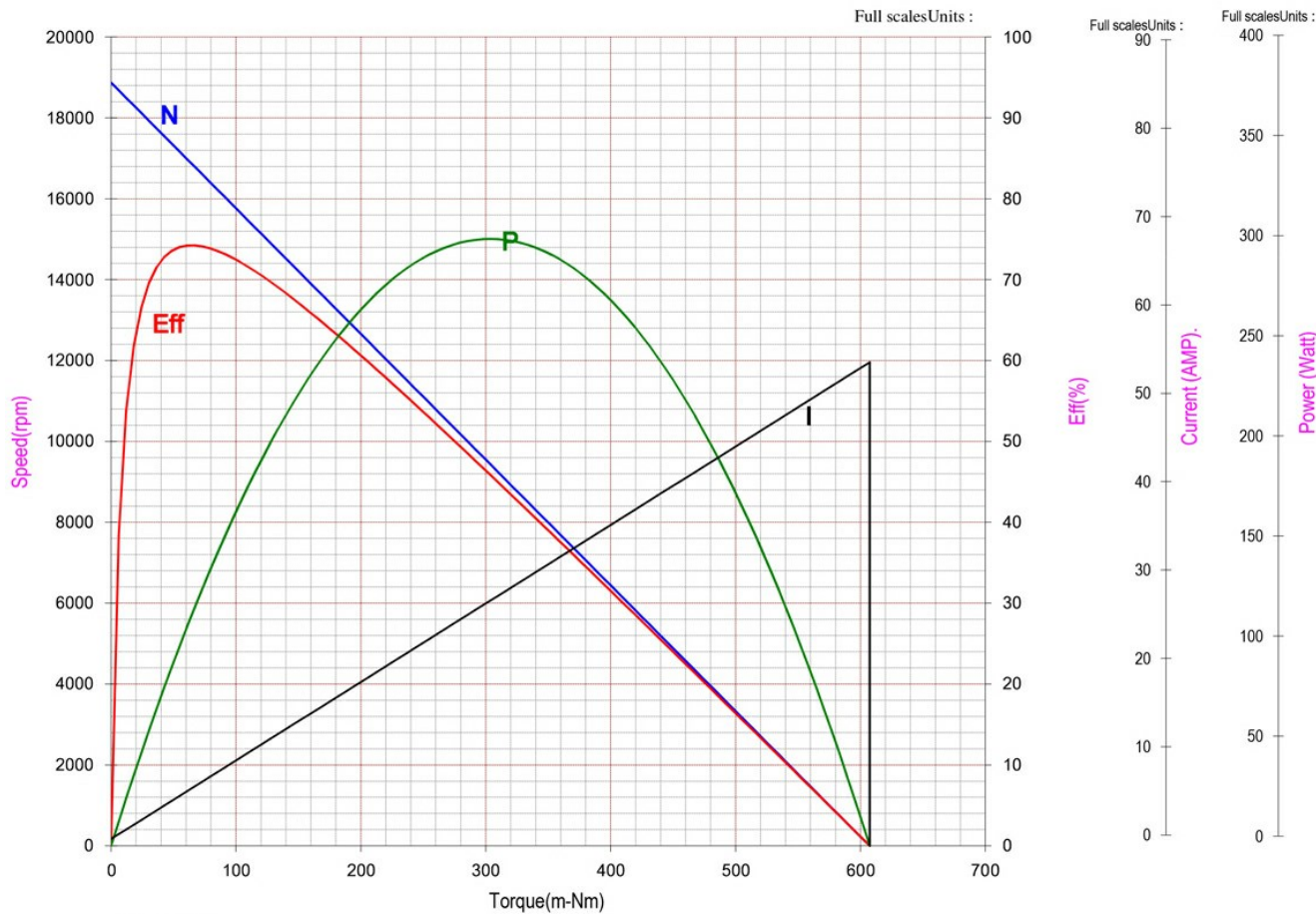
Application Examples:

ATV

Outline Drawing:



Performance Curves:



Units in Metric