

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 35.8 X 57.0 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 6.0 V DC
No Load Speed	: 10700 rpm
No Load Current	: 1.20 A
Nominal Speed	: 9400 rpm
Nominal Torque	: 37.00 mNm
Nominal Current	: 8.70 A
Stall Torque	: 296.00 mNm
Stall Current	: 61.00 A
Maximum Output Power	: 83.00 W
Maximum Efficiency	: 69%
Torque at Maximum Efficiency	: 37.00 mNm
Speed at Maximum Efficiency	: 9400 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



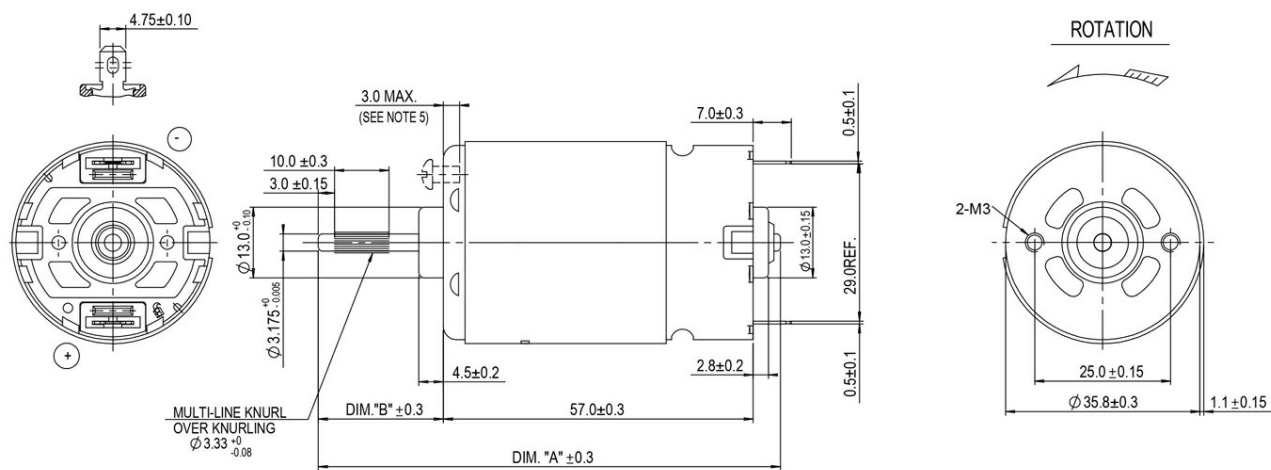
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.20	61.00	8.70	31.00
Efficiency (%)	-	-	69	44
Output Power (W)	-	-	36.00	83.00
Speed (rpm)	10700	-	9400	5400
Torque (mNm)	-	296.00	37.00	148.00

Application Examples:

ATV

Outline Drawing:



Performance Curves:

