

Characteristics:

High power mini PMDC motor

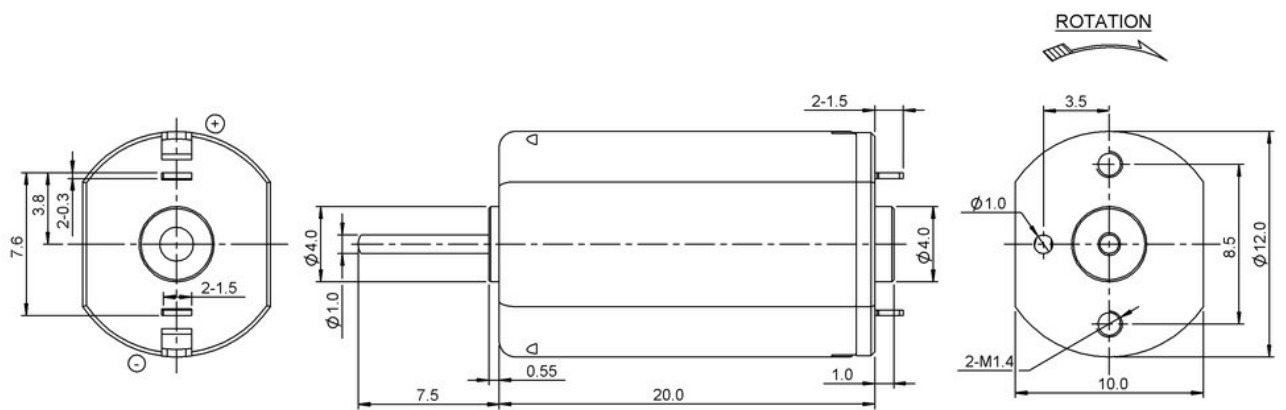
Specifications:

Dimensions	: Ø 12.0 X 10.0 X 20.0 mm
Shaft Diameter	: Ø 1.000 mm
Input Voltage	: 4.5 V DC
No Load Speed	: 14300 rpm
No Load Current	: 0.06 A
Stall Torque	: 2.60 mNm
Stall Current	: 0.98 A
Maximum Output Power	: 0.97 W
Maximum Efficiency	: 58%
Torque at Maximum Efficiency	: 0.50 mNm
Speed at Maximum Efficiency	: 11536 rpm
Weight	: 8 g
Operating Temperature Range	: -10 to 50 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals

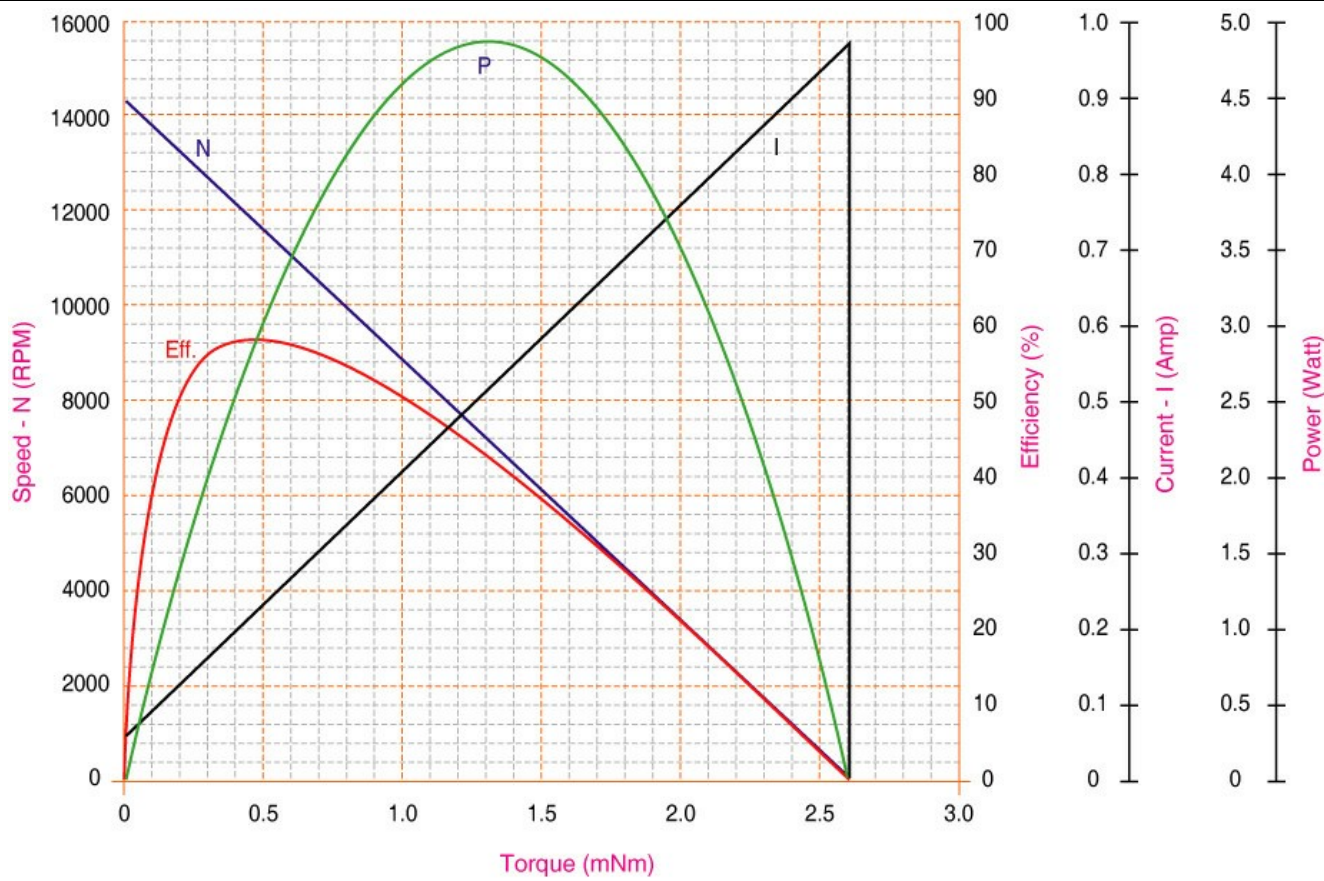
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.06	0.98	0.23	0.52
Efficiency (%)	-	-	58	-
Output Power (W)	-	-	0.61	0.97
Speed (rpm)	14300	-	11536	7150
Torque (mNm)	-	2.60	0.50	1.30

Outline Drawing:



Performance Curves:



Units in Metric