

Characteristics:

High power micro PMDC motor

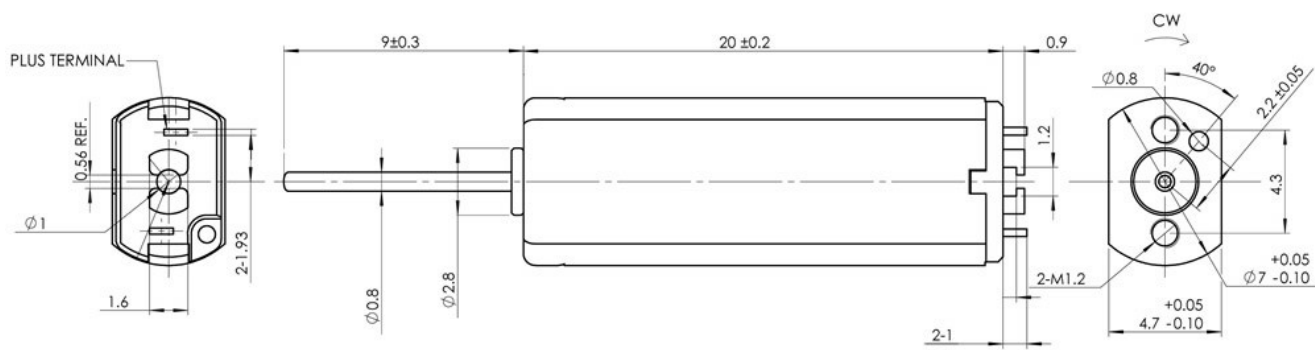
Specifications:

Dimensions	: Ø 7.0 X 4.7 X 20.0 mm
Shaft Diameter	: Ø 0.800 mm
Input Voltage	: 3.0 V DC
No Load Speed	: 24926 rpm
No Load Current	: 0.05 A
Stall Torque	: 0.42 mNm
Stall Current	: 0.45 A
Maximum Output Power	: 0.27 W
Maximum Efficiency	: 46%
Torque at Maximum Efficiency	: 0.10 mNm
Speed at Maximum Efficiency	: 18874 rpm
Weight	: 3 g
Operating Temperature Range	: -10 to 50 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals

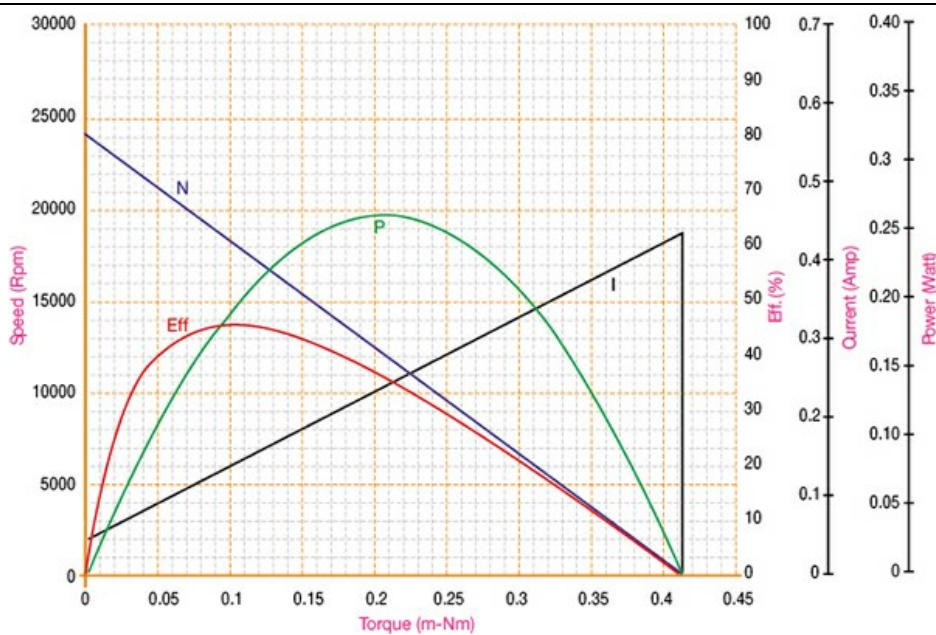
**Performance Data:**

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.05	0.45	0.15	0.25
Efficiency (%)	-	-	46	-
Output Power (W)	-	-	0.20	0.27
Speed (rpm)	24926	-	18874	12463
Torque (mNm)	-	0.42	0.10	0.21

Outline Drawing:



Performance Curves:



Units in Metric