

Characteristics:

High Power PMDC 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	: 15700 rpm
No Load Current	: 1.18 A
Stall Torque	: 400.13 mNm
Stall Current	: 61.00 A
Maximum Output Power	: 164.00 W
Maximum Efficiency	: 74 %
Torque at Maximum Efficiency	: 49.00 mNm
Speed at Maximum Efficiency	: 13777 rpm
Weight	: 242 g
Operation Temperature	: -10 to 50 °C
Storage Temperature	: -20 to 80 °C
Electrical Connection	: Terminals



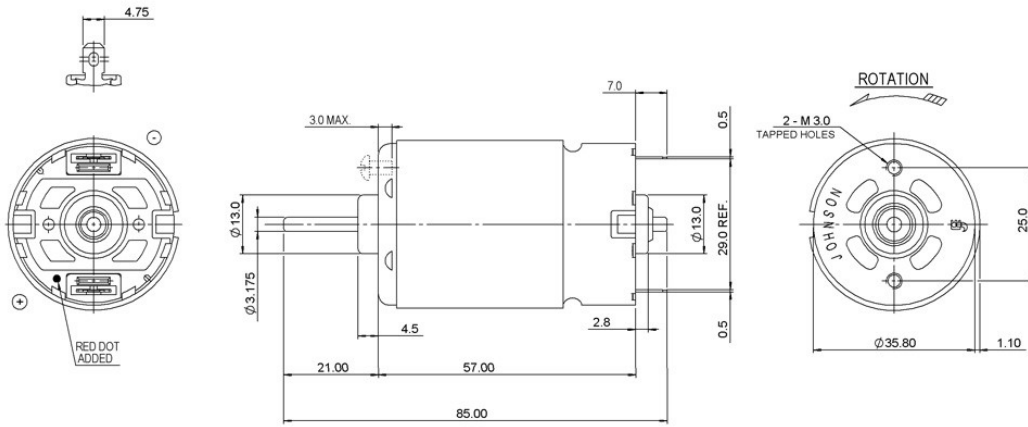
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	1.18	61.00	8.50	31.11
Efficiency (%)	-	-	74	-
Output Power (W)	-	-	70.53	164.46
Speed (rpm)	15700	-	13777	7847
Torque (mNm)	-	400.13	48.87	200.00

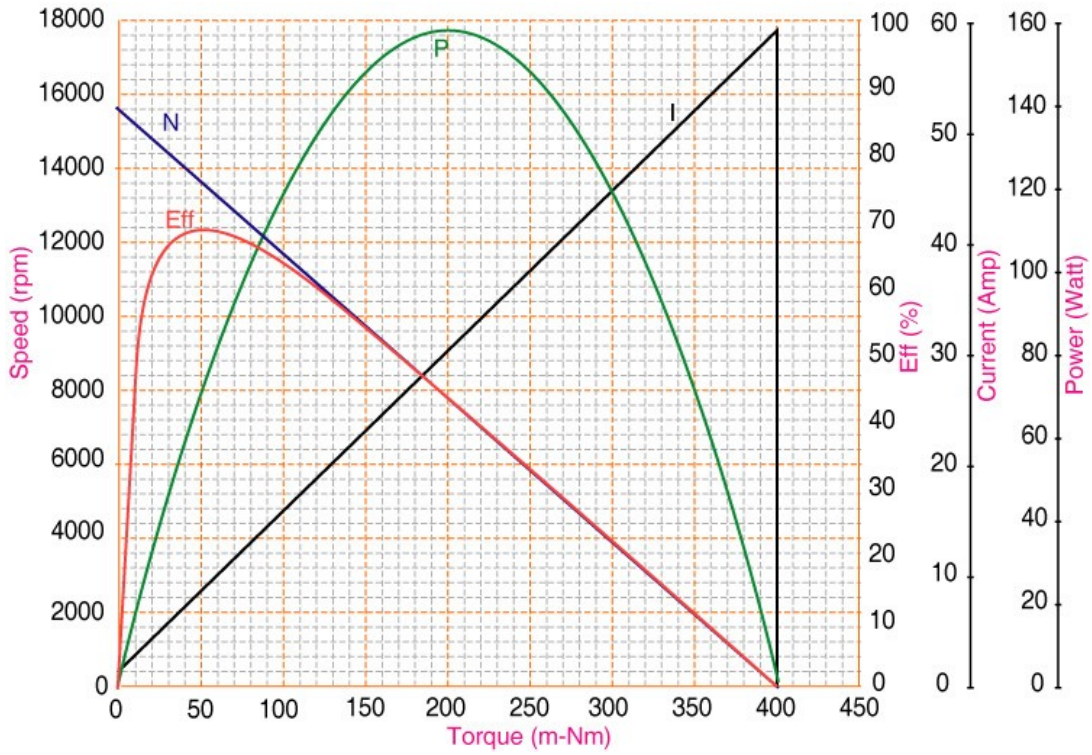
Application Examples:

Ride On Cars

Drawing:



Performance Curves:



Units in Metric