

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 44.2 X 60.0 mm
Shaft Diameter	: Ø 5.005 mm
Input Voltage	: 18.0 V DC
No Load Speed	: 22000 rpm
No Load Current	: 2.50 A
Nominal Speed	: 19000 rpm
Nominal Torque	: 102.00 mNm
Nominal Current	: 17.00 A
Stall Torque	: 805.00 mNm
Stall Current	: 117.00 A
Maximum Output Power	: 458.00 W
Maximum Efficiency	: 67%
Torque at Maximum Efficiency	: 102.00 mNm
Speed at Maximum Efficiency	: 19000 rpm
Life (Typical)	: 100 hr
Weight	: 310 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



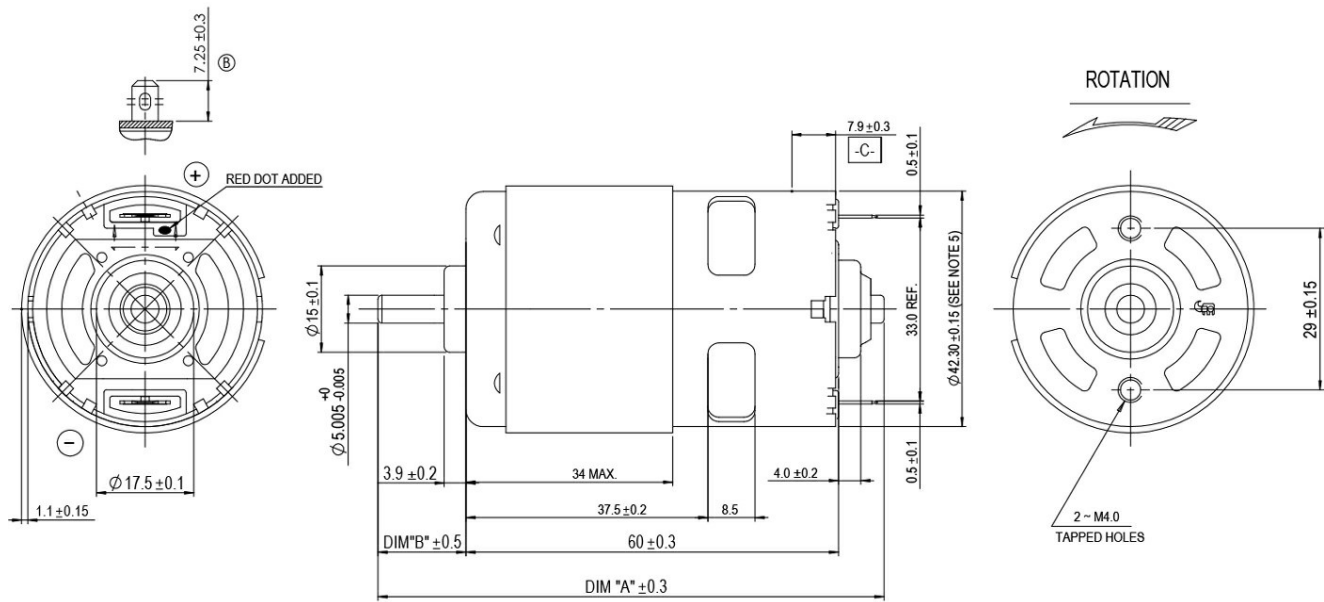
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	2.50	117.00	17.00	60.00
Efficiency (%)	-	-	67	43
Output Power (W)	-	-	204.00	458.00
Speed (rpm)	22000	-	19000	11000
Torque (mNm)	-	805.00	102.00	402.00

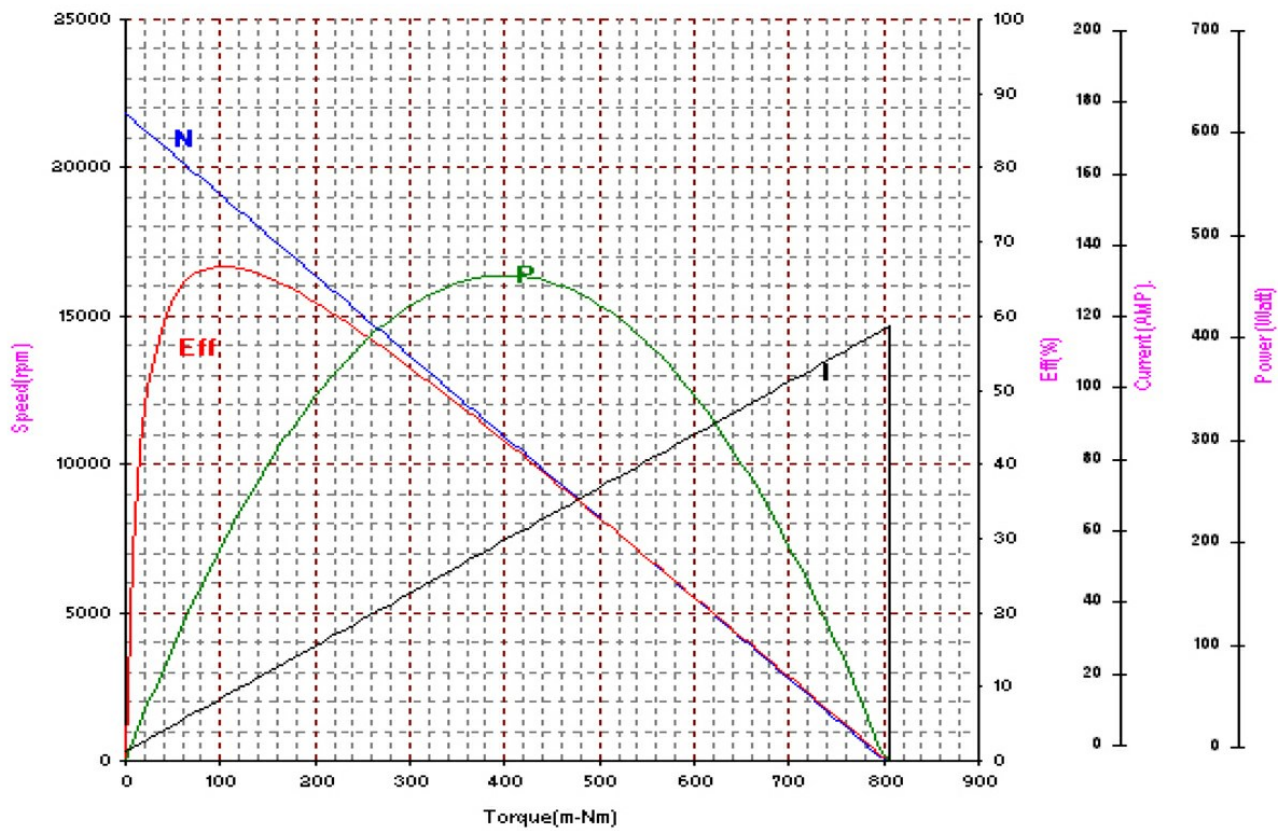
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric