

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	: 23000 rpm
No Load Current	: 3.60 A
Nominal Speed	: 19800 rpm
Nominal Torque	: 137.00 mNm
Nominal Current	: 21.40 A
Stall Torque	: 956.00 mNm
Stall Current	: 128.00 A
Maximum Output Power	: 578.00 W
Maximum Efficiency	: 74%
Torque at Maximum Efficiency	: 137.00 mNm
Speed at Maximum Efficiency	: 19800 rpm
Life (Typical)	: 50 hr
Weight	: 420 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Leadwires



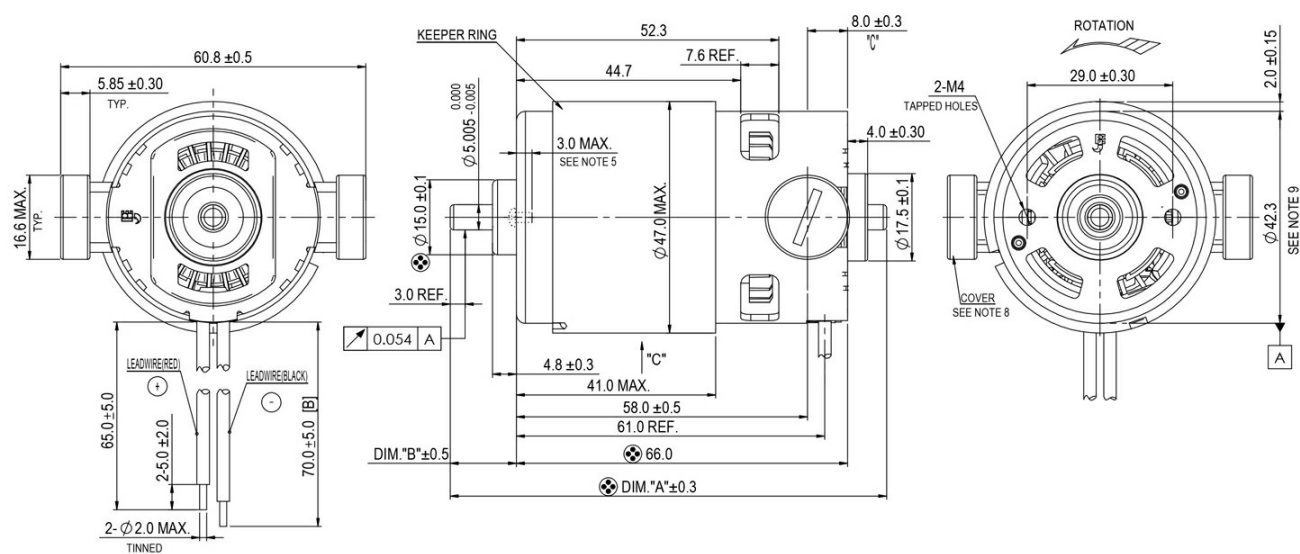
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	3.60	128.00	21.40	66.00
Efficiency (%)	-	-	74	49
Output Power (W)	-	-	284.00	578.00
Speed (rpm)	23000	-	19800	11500
Torque (mNm)	-	956.00	137.00	478.00

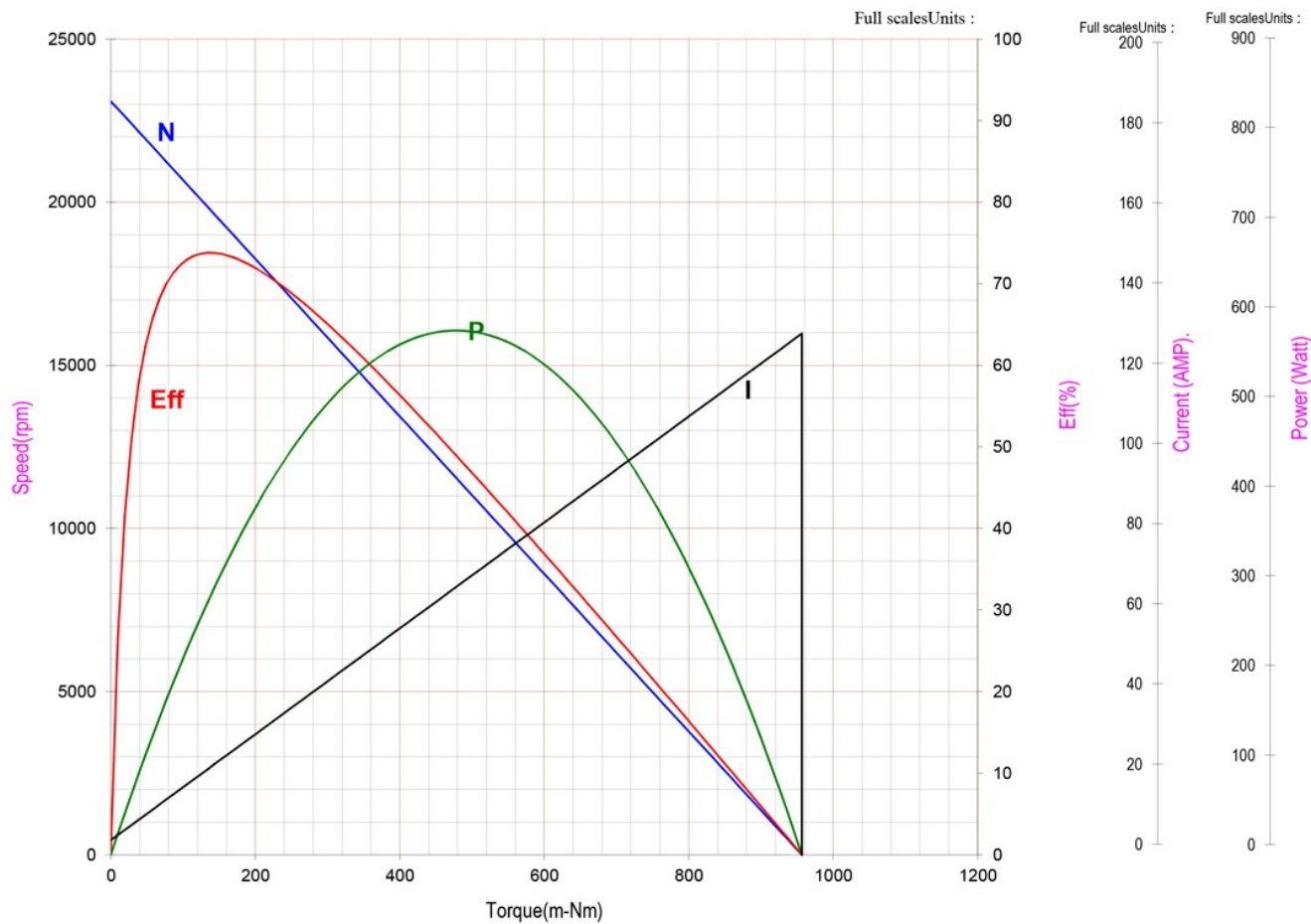
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric