

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 27.5 X 38 mm
Shaft Diameter	: Ø 2.305 mm
Input Voltage	: 3.6 V DC
No Load Speed	: 18700 rpm
No Load Current	: 1.65 A
Nominal Speed	: 15200 rpm
Nominal Torque	: 10.86 mNm
Nominal Current	: 7.42 A
Stall Torque	: 55.00 mNm
Stall Current	: 33.00 A
Maximum Output Power	: 27.00 W
Maximum Efficiency	: 60%
Torque at Maximum Efficiency	: 10.00 mNm
Speed at Maximum Efficiency	: 15200 rpm
Life (Typical)	: 90 hr
Weight	: 85 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



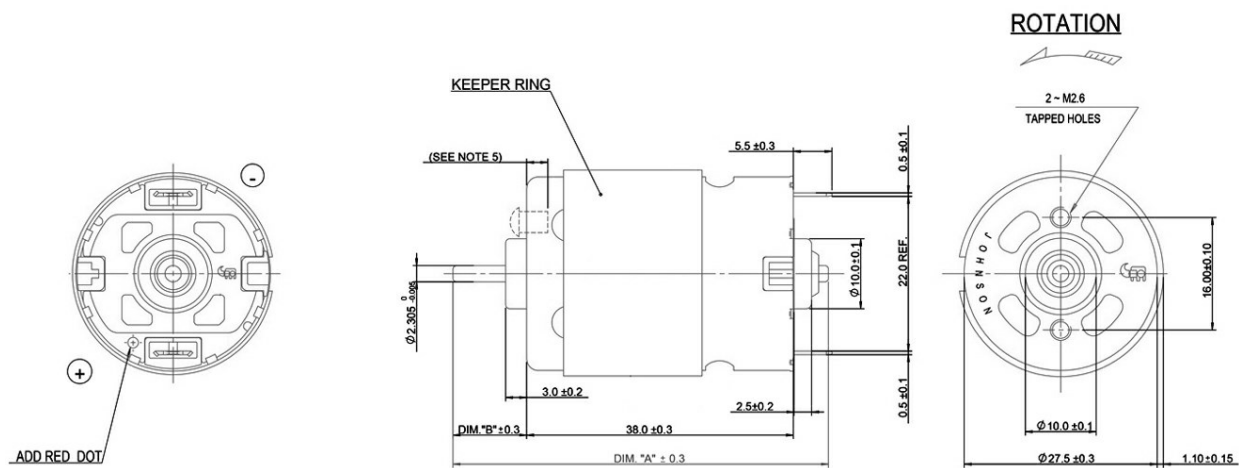
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	1.65	33.00	7.42	17.50
Efficiency (%)	-	-	60	43
Output Power (W)	-	-	16.00	27.00
Speed (rpm)	18700	-	15200	9300
Torque (mNm)	-	55.00	10.00	27.60

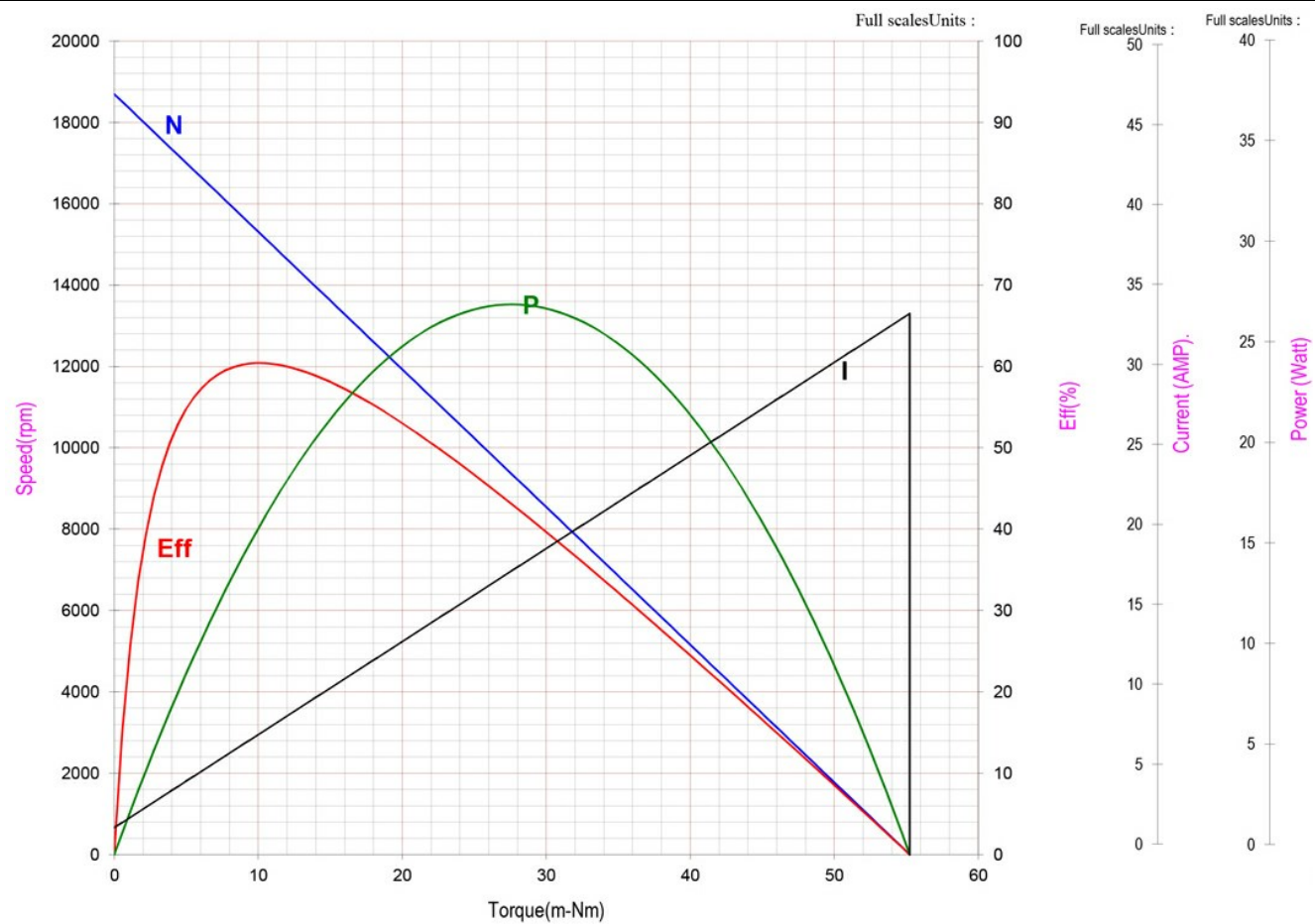
Application Examples:

Power Tools

Outline Drawing:



Performance Curves:



Units in Metric