

Characteristics:

High torque DC motor

Specifications:

Dimensions	: Ø 27.5 X 46.5 mm
Shaft Diameter	: Ø 2.305 mm
Input Voltage	: 36.0 V DC
No Load Speed	: 16000 rpm
No Load Current	: 0.29 A
Nominal Speed	: 14000 rpm
Nominal Torque	: 34.00 mNm
Nominal Current	: 1.94 A
Stall Torque	: 263.00 mNm
Stall Current	: 13.00 A
Maximum Output Power	: 112.00 W
Maximum Efficiency	: 72%
Torque at Maximum Efficiency	: 34.00 mNm
Speed at Maximum Efficiency	: 14000 rpm
Life (Typical)	: 500 hr
Weight	: 115 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



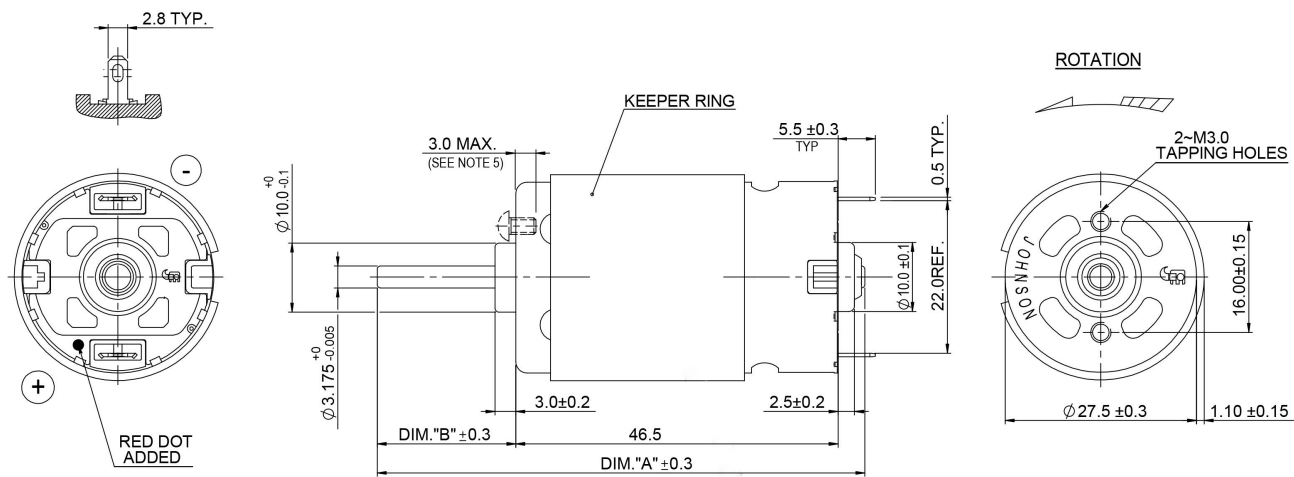
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.29	13.00	1.94	6.68
Efficiency (%)	-	-	72	47
Output Power (W)	-	-	50.50	112.00
Speed (rpm)	16000	-	14000	8000
Torque (mNm)	-	263.00	34.00	131.70

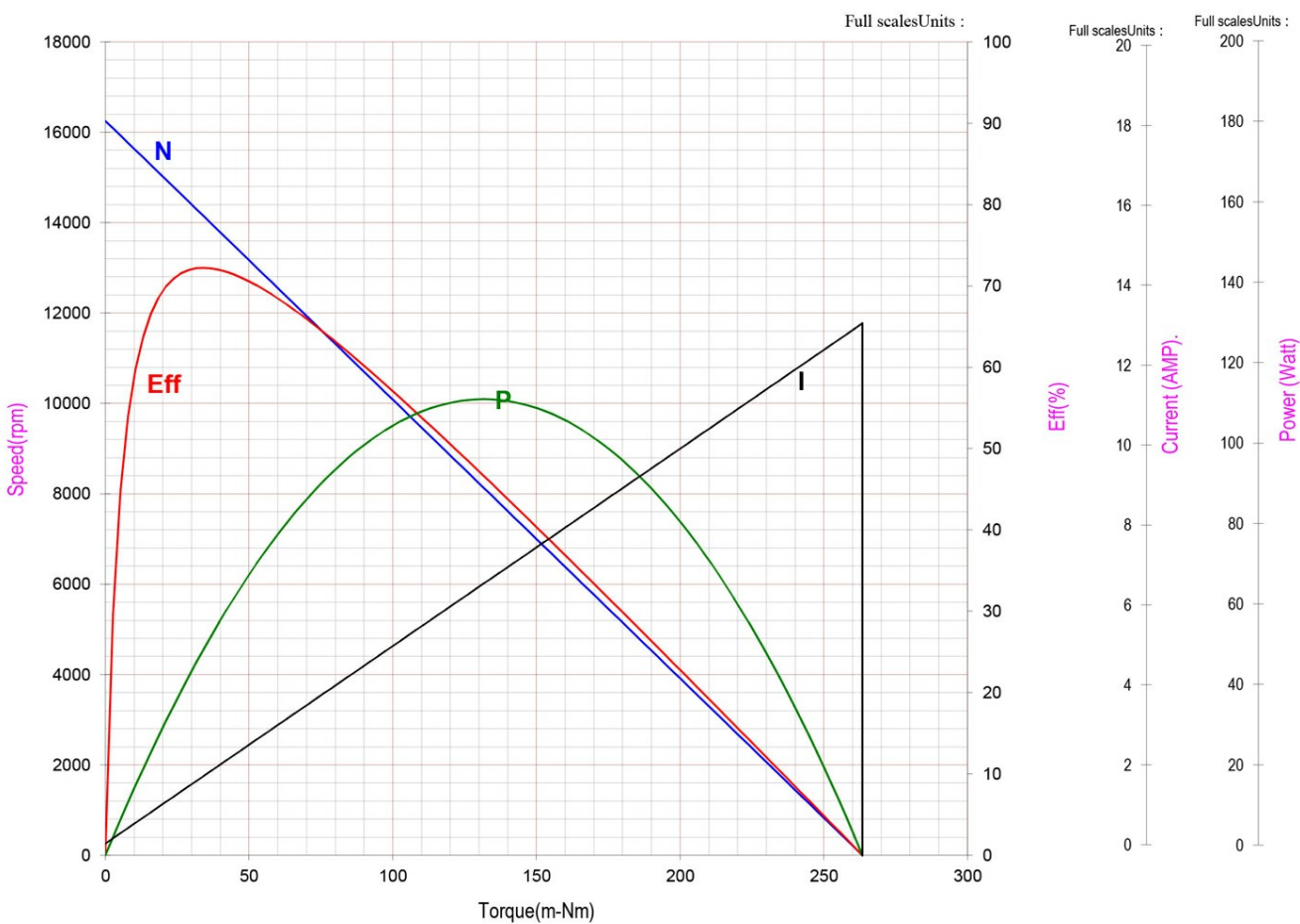
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric