

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 27.5 X 46.5 mm
Shaft Diameter	: Ø 2.305 mm
Input Voltage	: 28.0 V DC
No Load Speed	: 19000 rpm
No Load Current	: 0.17 A
Nominal Speed	: 17000 rpm
Nominal Torque	: 16.20 mNm
Nominal Current	: 1.35 A
Stall Torque	: 146.20 mNm
Stall Current	: 10.80 A
Maximum Output Power	: 72.30 W
Maximum Efficiency	: 75%
Torque at Maximum Efficiency	: 16.20 mNm
Speed at Maximum Efficiency	: 17000 rpm
Life (Typical)	: 175 hr
Weight	: 100 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



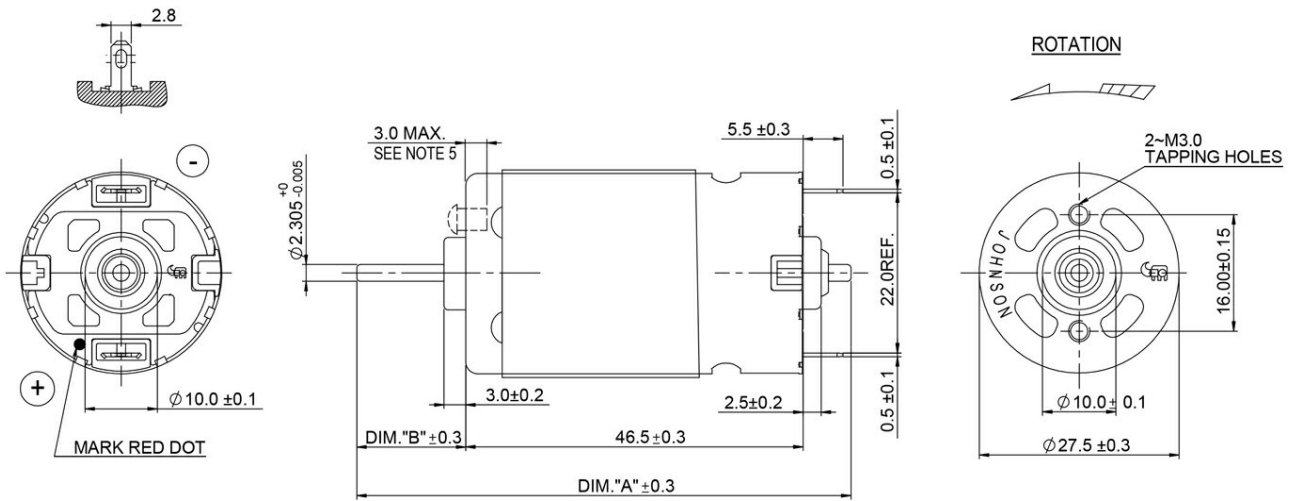
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.17	10.80	1.35	5.50
Efficiency (%)	-	-	75	47
Output Power (W)	-	-	28.60	72.30
Speed (rpm)	19000	-	17000	9400
Torque (mNm)	-	146.20	16.20	73.10

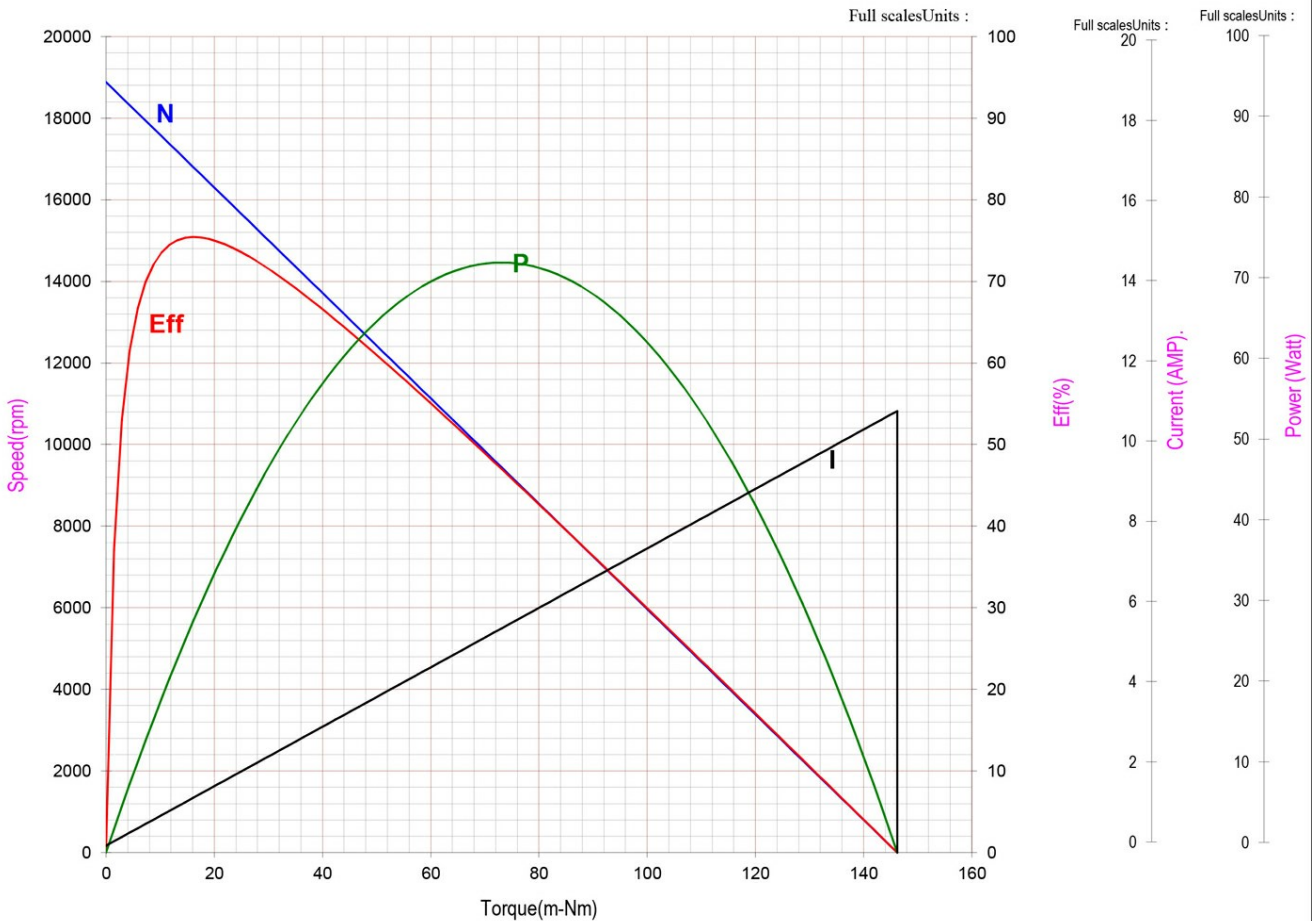
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric