

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 27.5 X 38 mm
Shaft Diameter	: Ø 2.305 mm
Input Voltage	: 24.0 V DC
No Load Speed	: 21550 rpm
No Load Current	: 0.28 A
Nominal Speed	: 18000 rpm
Nominal Torque	: 11.23 mNm
Nominal Current	: 1.42 A
Stall Torque	: 68.50 mNm
Stall Current	: 7.22 A
Maximum Output Power	: 38.62 W
Maximum Efficiency	: 62%
Torque at Maximum Efficiency	: 11.23 mNm
Speed at Maximum Efficiency	: 18000 rpm
Life (Typical)	: 175 hr
Weight	: 65.50 g
Operating Temperature Range	: -10 to 55 °C
Storage Temperature Range	: -20 to 80 °C
Electrical Connection	: Terminals



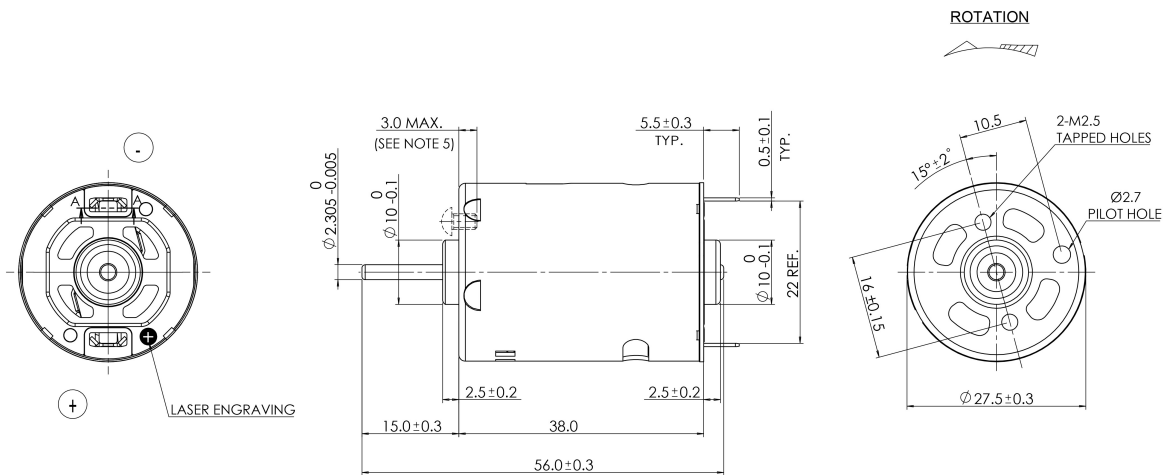
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.28	7.22	1.42	3.75
Efficiency (%)	-	-	62	43
Output Power (W)	-	-	21.20	38.62
Speed (rpm)	21550	-	18000	10770
Torque (mNm)	-	68.50	11.23	34.24

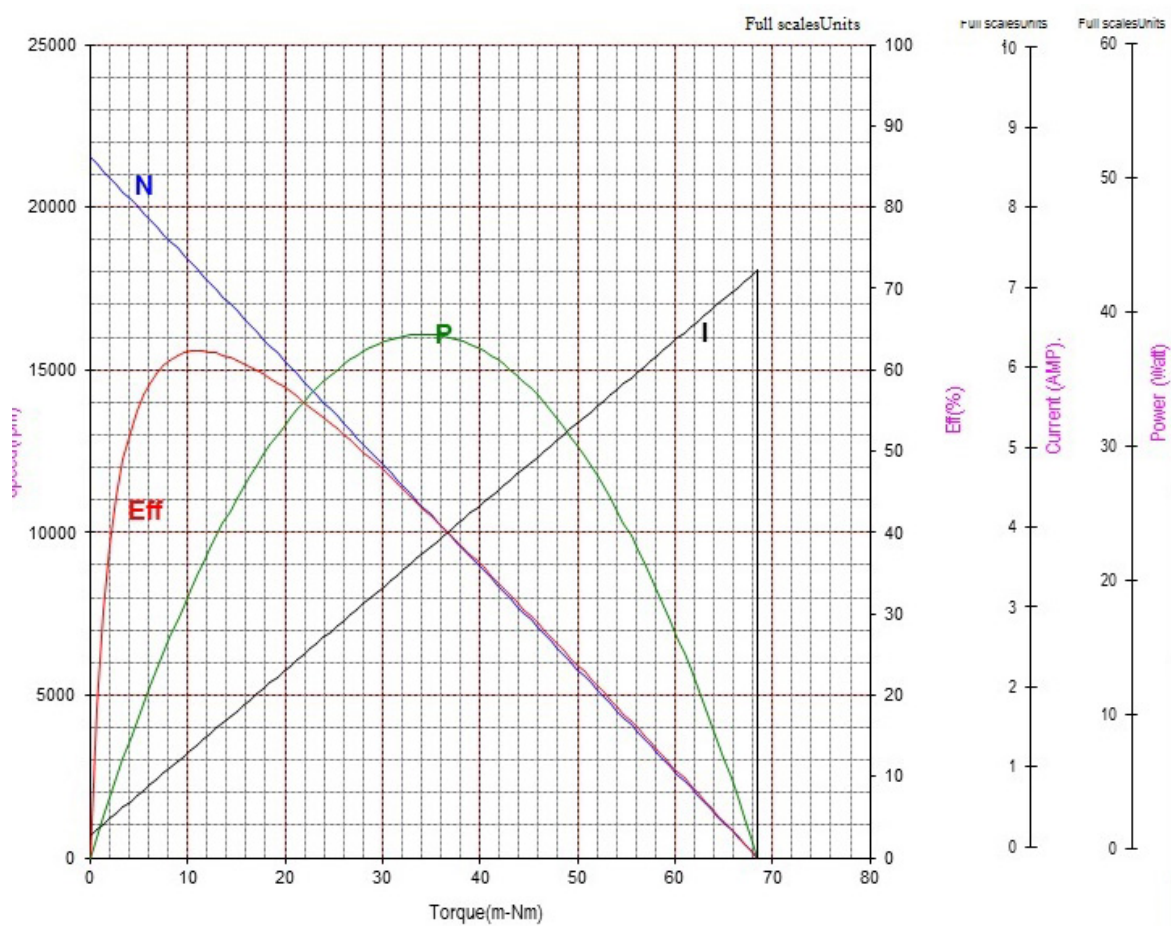
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric