

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 1.1 X 1.5 in
Shaft Diameter	: Ø 0.091 in
Input Voltage	: 24.0 V DC
No Load Speed	: 21550 rpm
No Load Current	: 0.28 A
Nominal Speed	: 18000 rpm
Nominal Torque	: 0.10 lb.in
Nominal Current	: 1.42 A
Stall Torque	: 0.61 lb.in
Stall Current	: 7.22 A
Maximum Output Power	: 0.05 hp
Maximum Efficiency	: 62%
Torque at Maximum Efficiency	: 0.10 lb.in
Speed at Maximum Efficiency	: 18000 rpm
Life (Typical)	: 175 hr
Weight	: 2.31 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



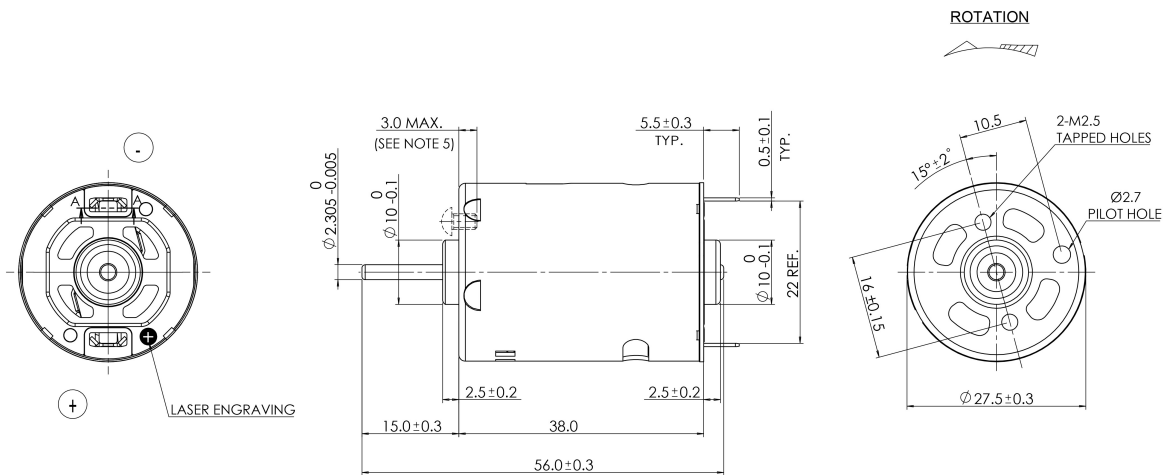
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.28	7.22	1.42	3.75
Efficiency (%)	-	-	62	43
Output Power (hp)	-	-	0.03	0.05
Speed (rpm)	21550	-	18000	10770
Torque (Lb.in)	-	0.61	0.10	0.30

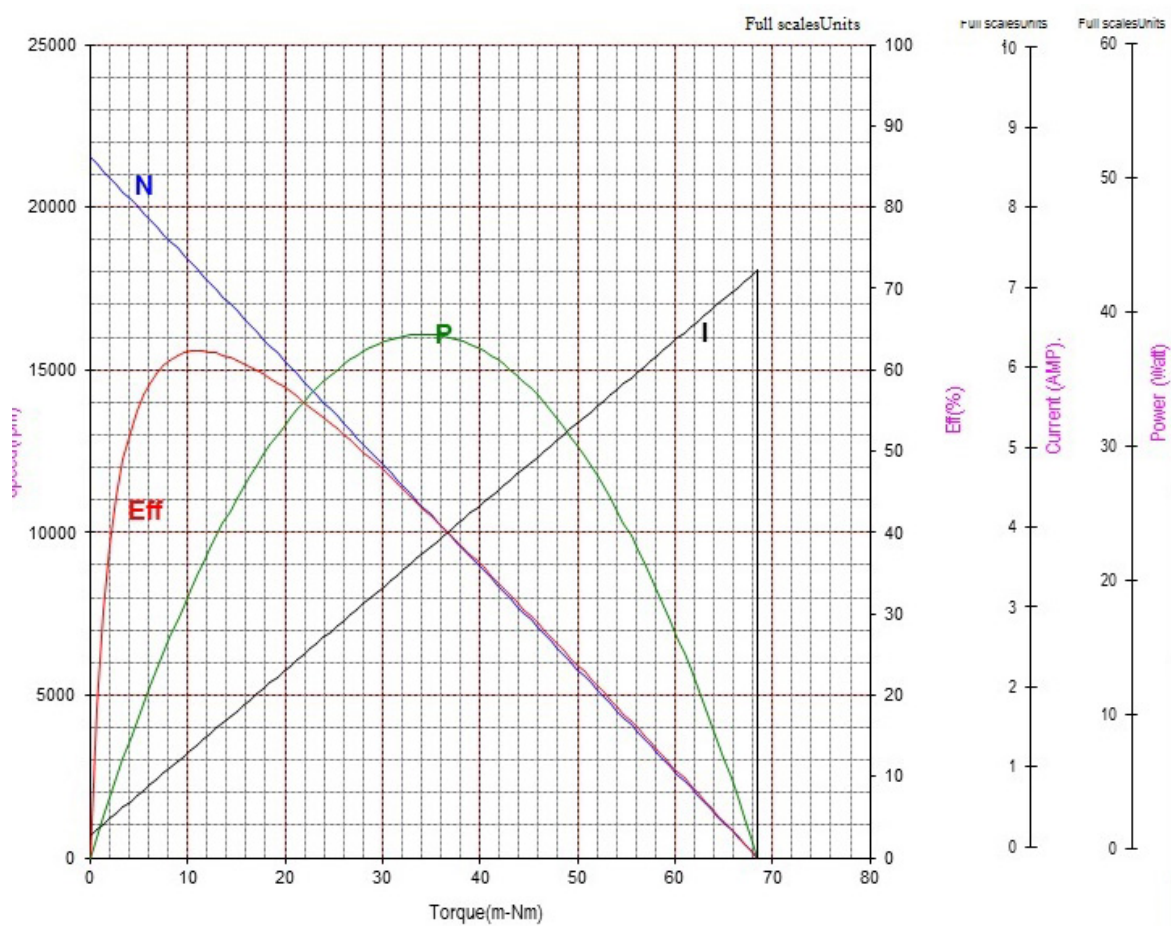
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric