

Characteristics:

High power DC motor

Specifications:

Dimensions	: Ø 1.1 X 1.8 in
Shaft Diameter	: Ø 0.091 in
Input Voltage	: 32.0 V DC
No Load Speed	: 16000 rpm
No Load Current	: 0.15 A
Nominal Speed	: 14500 rpm
Nominal Torque	: 0.15 lb.in
Nominal Current	: 1.08 A
Stall Torque	: 1.28 lb.in
Stall Current	: 8.00 A
Maximum Output Power	: 0.08
Maximum Efficiency	: 75%
Torque at Maximum Efficiency	: 0.15 lb.in
Speed at Maximum Efficiency	: 14500 rpm
Life (Typical)	: 175 hr
Weight	: 4 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: Terminals



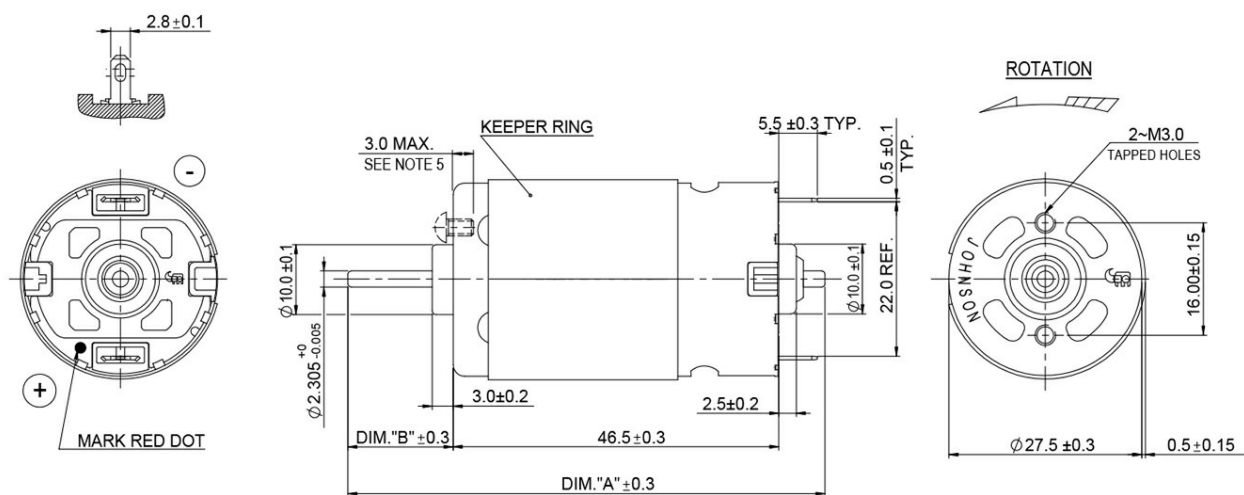
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.15	8.00	1.08	4.00
Efficiency (%)	-	-	75	47
Output Power (hp)	-	-	0.03	0.08
Speed (rpm)	16000	-	14500	8200
Torque (Lb.in)	-	1.28	0.15	0.64

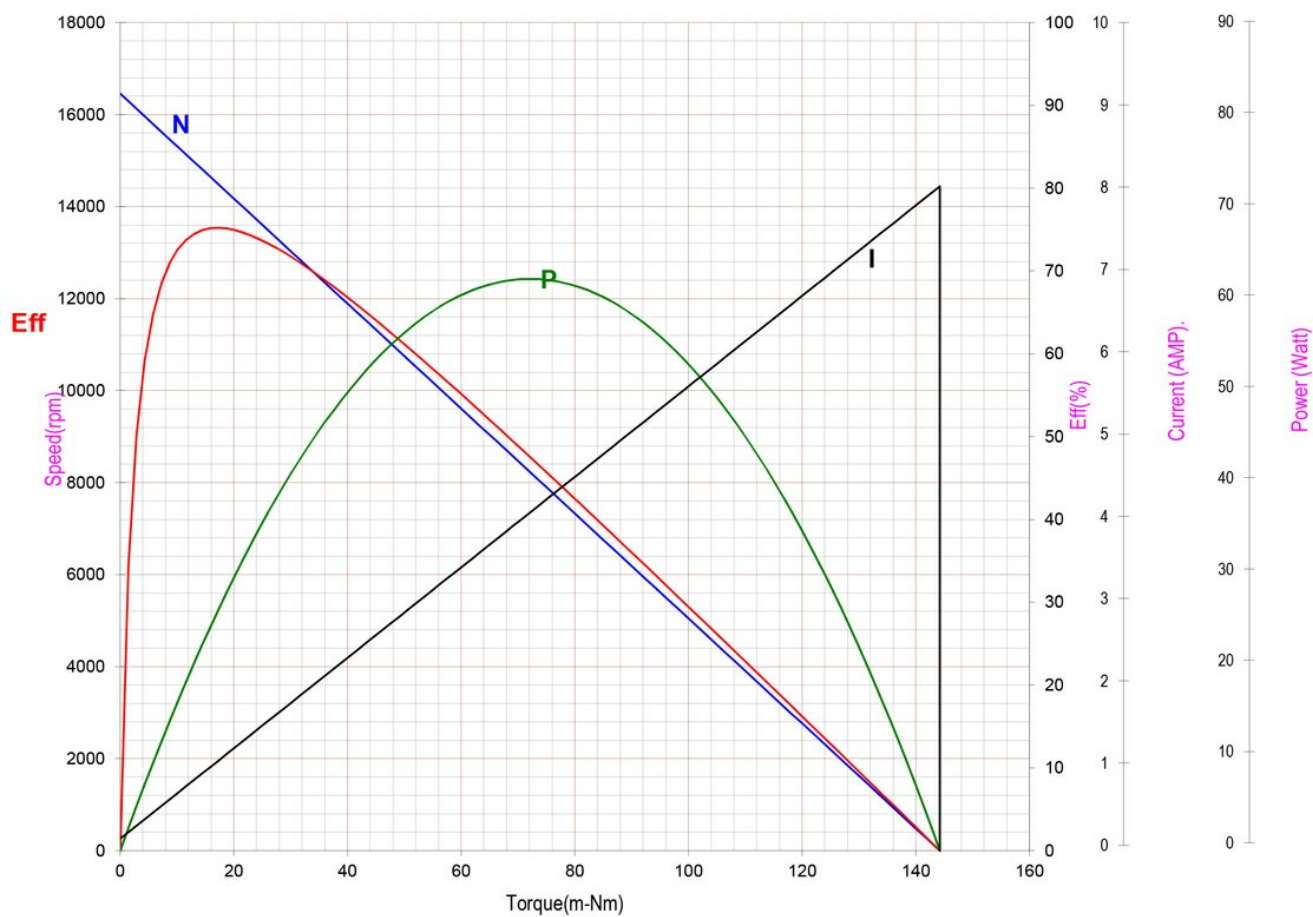
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric