

Characteristics:

High Power DC motor

Specifications:

Dimensions	: Ø 0.8 X 15.4 X 1.3 in
Shaft Diameter	: Ø 0.079 in
Input Voltage	: 13.0 V DC
No Load Speed	: 25000 rpm
No Load Current	: 0.20 A
Nominal Speed	: 22000 rpm
Nominal Torque	: 0.03 lb.in
Nominal Current	: 0.80 A
Stall Torque	: 0.18 lb.in
Stall Current	: 4.50 A
Maximum Output Power	: 0.02
Maximum Efficiency	: 65%
Torque at Maximum Efficiency	: 0.04 lb.in
Speed at Maximum Efficiency	: 21000 rpm
Life (Typical)	: 100 hr
Weight	: 1 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F



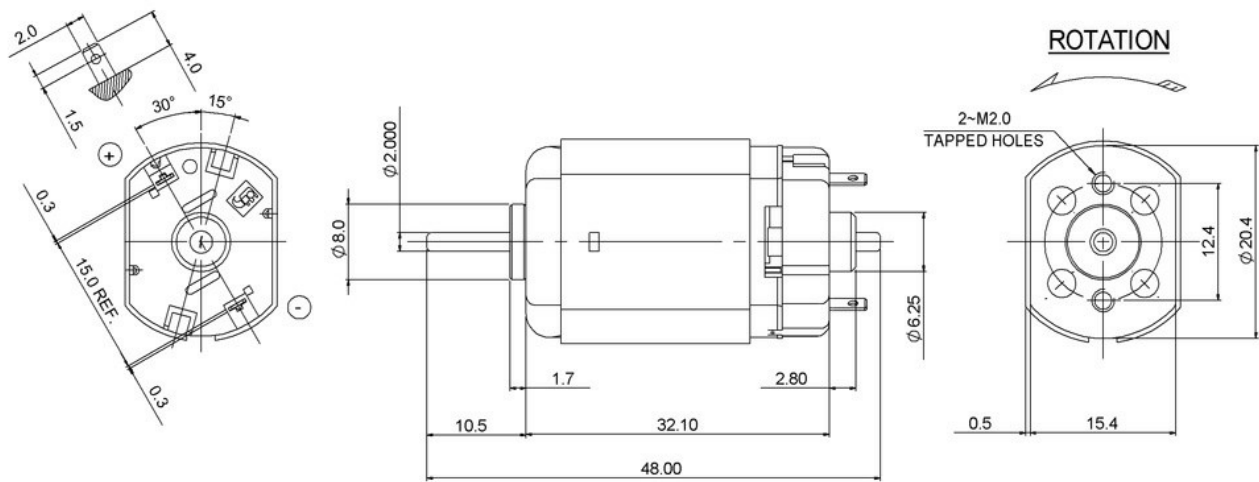
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.20	4.50	1.00	0.20
Efficiency (%)	-	-	65	45
Output Power (hp)	-	-	0.01	0.02
Speed (rpm)	25000	-	21000	12500
Torque (Lb.in)	-	0.18	0.04	0.09

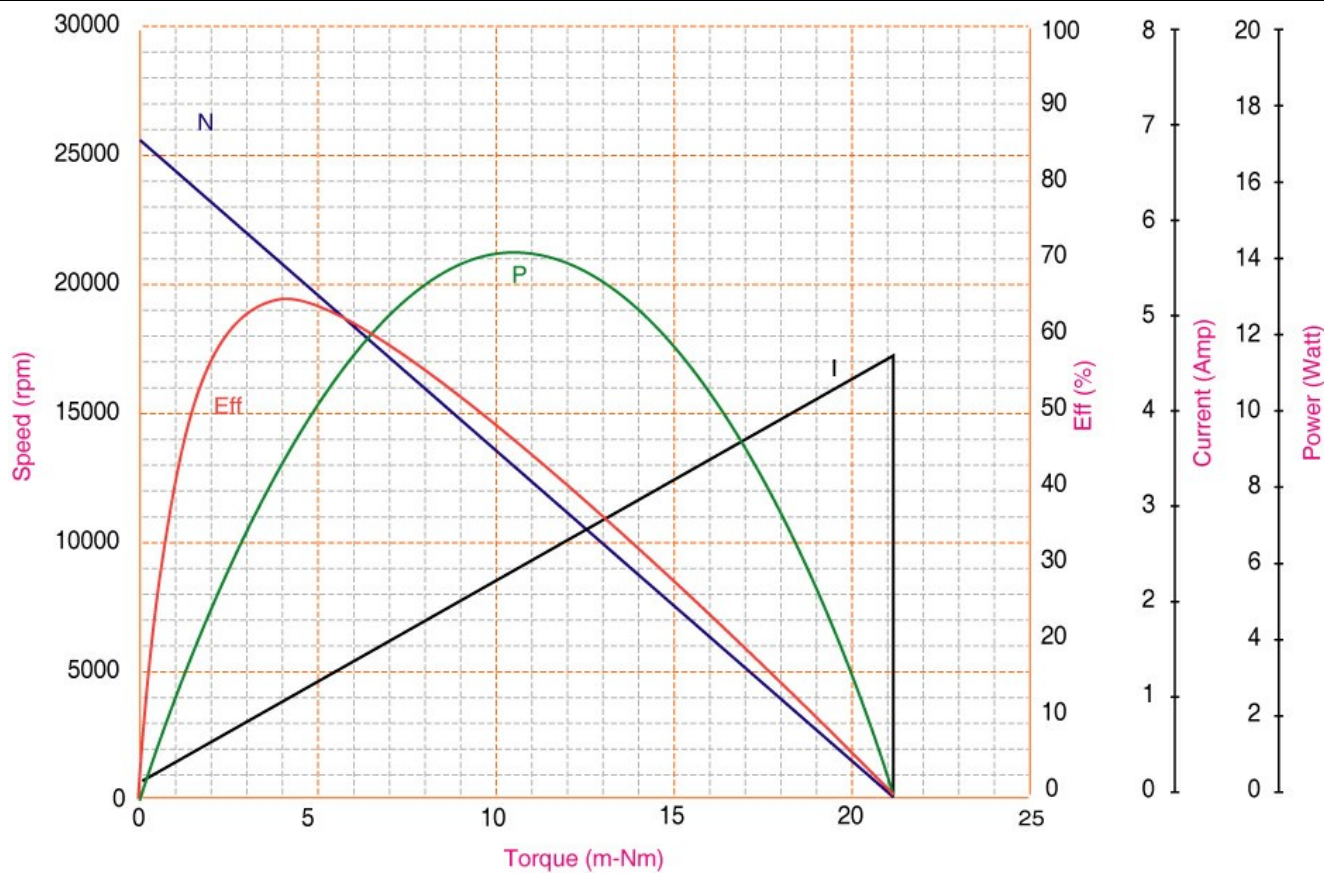
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric