

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	: 22000 rpm
No Load Current	: 0.20 A
Nominal Speed	: 18500 rpm
Nominal Torque	: 0.09 lb.in
Nominal Current	: 1.20 A
Stall Torque	: 0.53 lb.in
Stall Current	: 6.00 A
Maximum Output Power	: 0.05
Maximum Efficiency	: 70%
Torque at Maximum Efficiency	: 0.09 lb.in
Speed at Maximum Efficiency	: 18500 rpm
Life (Typical)	: 150 hr
Weight	: 2 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: terminals



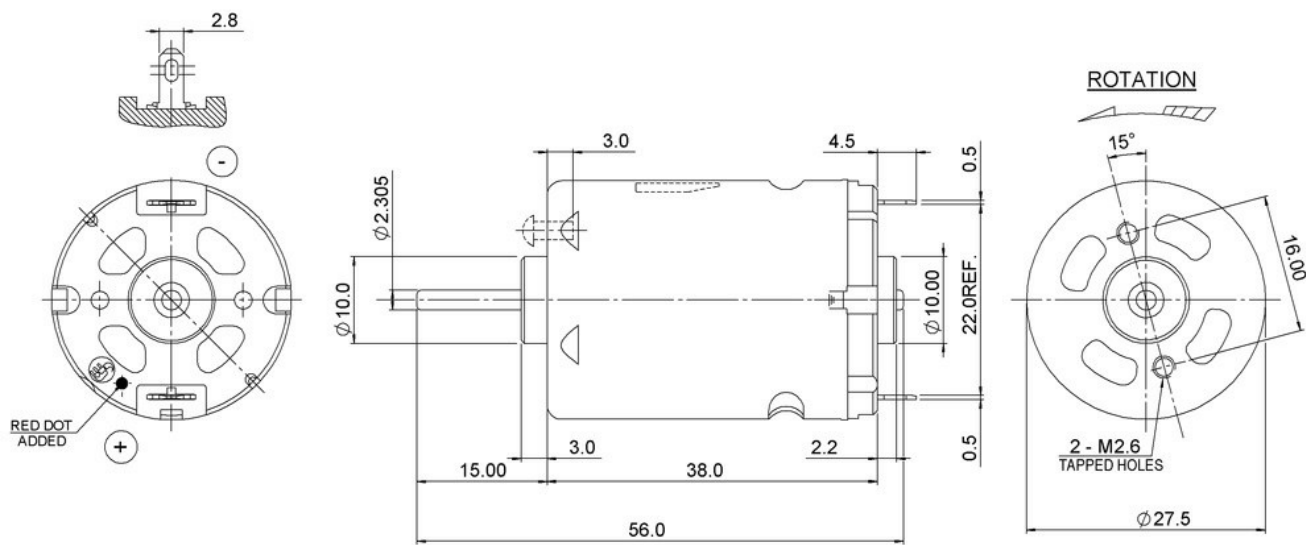
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.20	6.00	1.20	3.00
Efficiency (%)	-	-	70	45
Output Power (hp)	-	-	0.03	0.05
Speed (rpm)	22000	-	18500	11000
Torque (Lb.in)	-	0.53	0.09	0.27

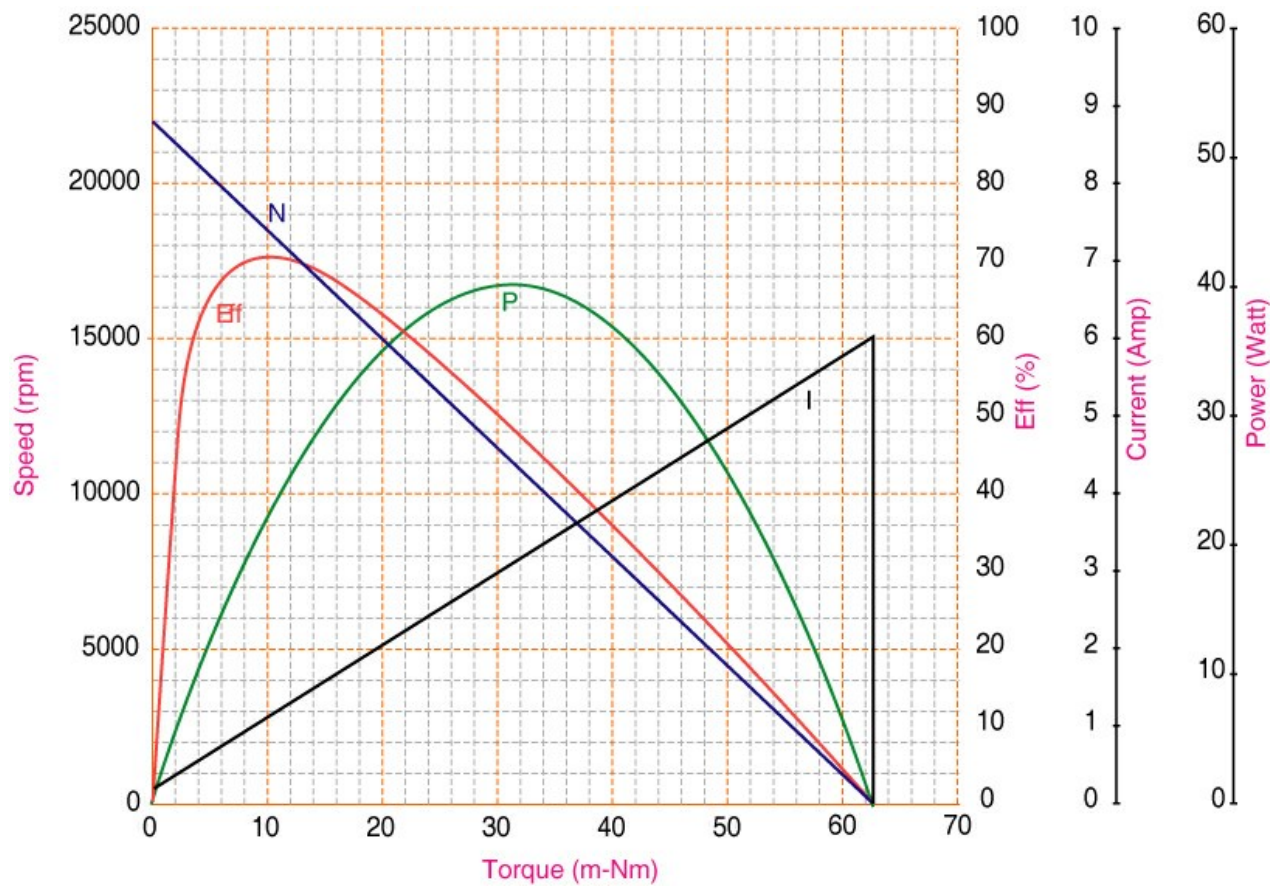
Application Examples:

Hair Dryers

Outline Drawing:



Performance Curves:



Units in Metric