

Characteristics:

High Power DC motor

Specifications:

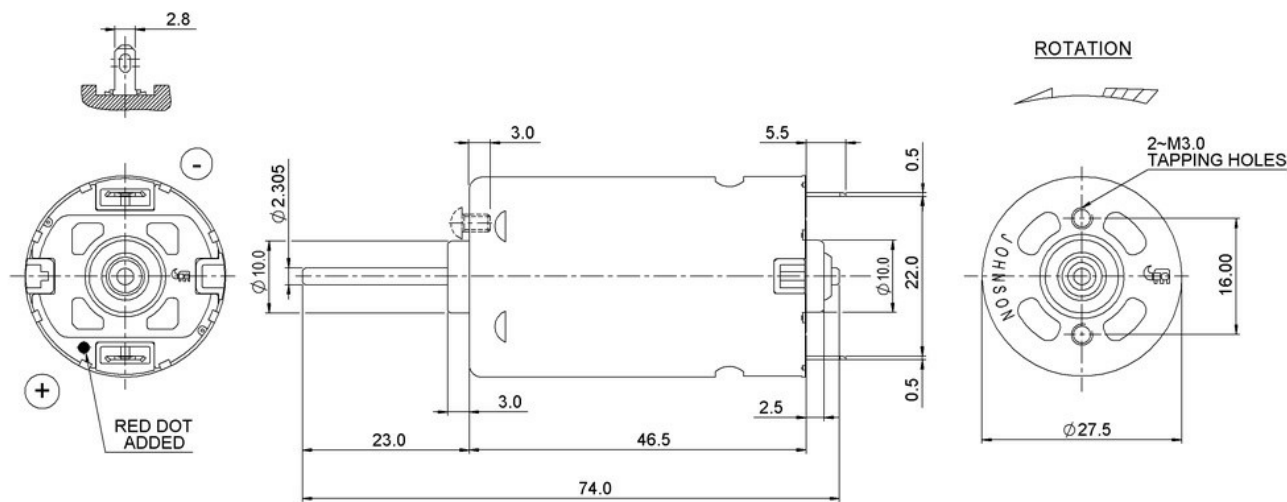
Dimensions	: Ø 1.1 X 1.8 in
Shaft Diameter	: Ø 0.091 in
Input Voltage	: 36.0 V DC
No Load Speed	: 11000 rpm
No Load Current	: 0.10 A
Nominal Speed	: 9700 rpm
Nominal Torque	: 0.12 lb.in
Nominal Current	: 0.50 A
Stall Torque	: 0.80 lb.in
Stall Current	: 3.00 A
Maximum Output Power	: 0.03
Maximum Efficiency	: 70%
Torque at Maximum Efficiency	: 0.11 lb.in
Speed at Maximum Efficiency	: 9500 rpm
Life (Typical)	: 150 hr
Weight	: 3 oz
Operating Temperature Range	: 14 to 131 °F
Storage Temperature Range	: -4 to 176 °F
Electrical Connection	: terminals



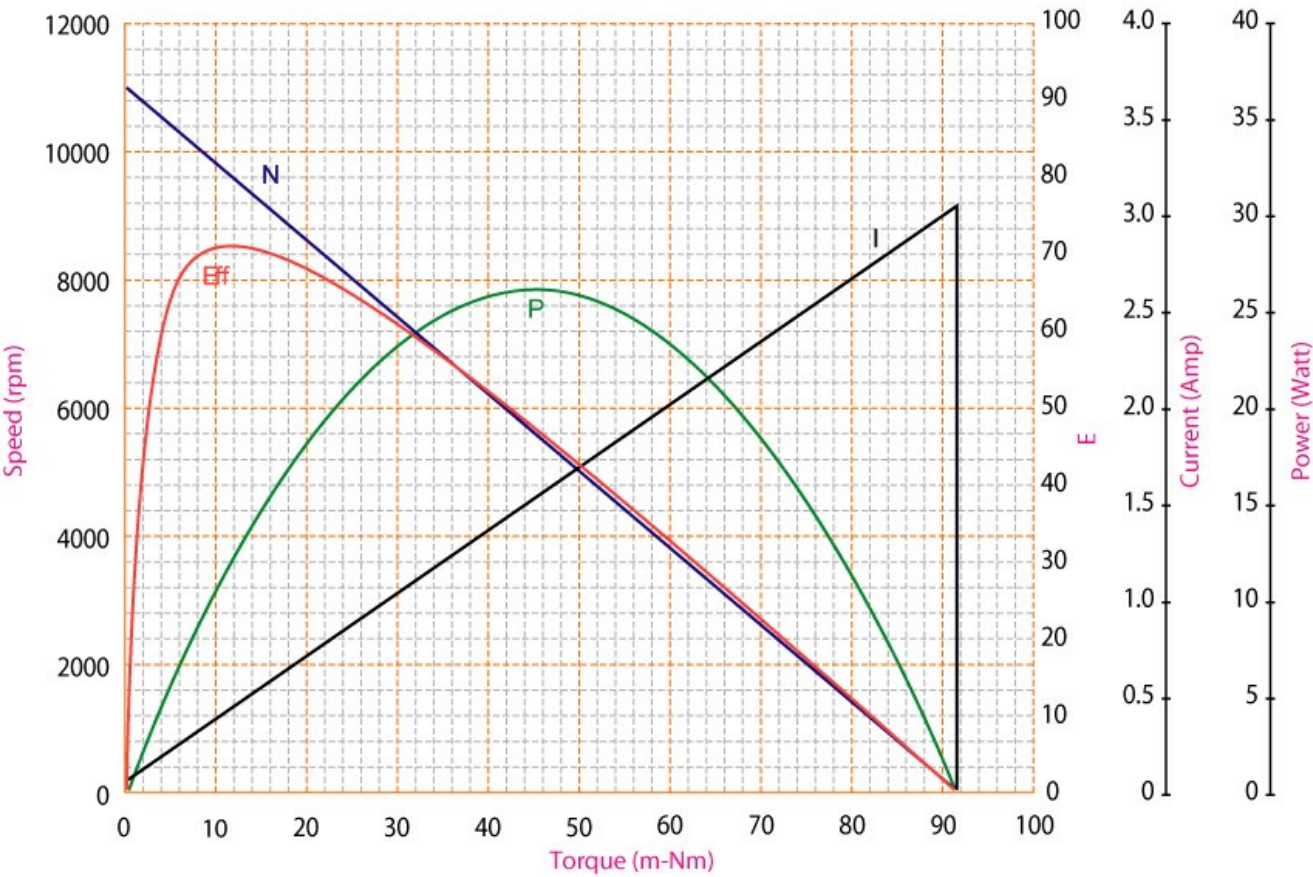
Performance Data:

	No Load	Stall	Maximum Efficiency	Maximum Power
Current (A)	0.10	3.00	0.45	1.50
Efficiency (%)	-	-	70	45
Output Power (hp)	-	-	0.02	0.03
Speed (rpm)	11000	-	9500	5500
Torque (Lb.in)	-	0.80	0.11	0.40

Outline Drawing:



Performance Curves:



Units in Metric