

Characteristics:

High efficiency, High power density, Long life, Low rotational imbalance

Specifications:

Dimensions	: Ø 1.1 X 3.5 in
Shaft Diameter	: Ø 0.125 in
Input Voltage	: 12.0 V DC
No Load Speed	: 3614 rpm
No Load Current	: 0.11 A
Nominal Speed	: 3002 rpm
Nominal Torque	: 0.11 Lb.in
Nominal Current	: 0.55 A
Stall Torque	: 0.6419 Lb.in
Stall Current	: 2.68 A
Torque Constant	: 28.235 Lb.in/A
Dynamic Resistance	: 4.476 Ω
Motor Regulation	: 49.826 rpm/Lb.in
Maximum Output Power	: 0.0092 hp
Maximum Efficiency	: 59 %
Operation Temperature	: -40 to 185 °F
Storage Temperature	: -40 to 248 °F



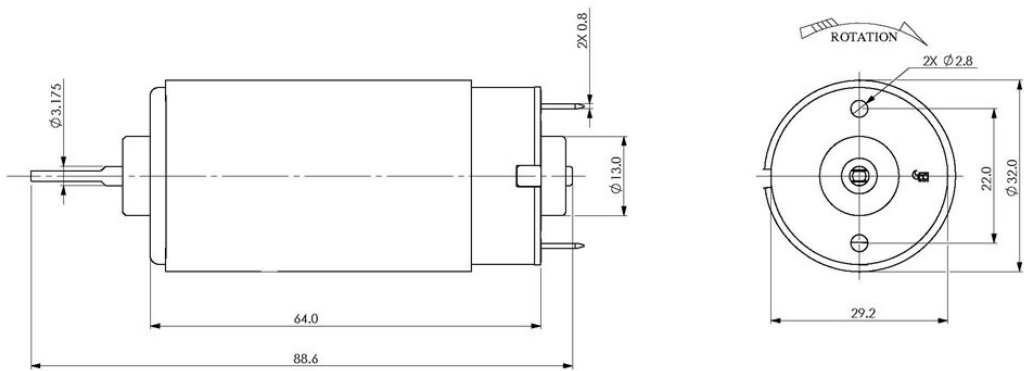
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.11	2.68	0.55	1.40
Efficiency (%)	-	-	59	59
Output Power (hp)	-	-	0.0052	0.0092
Speed (rpm)	3614	-	3002	1807
Torque (Lb.in)	-	0.64	0.11	0.32

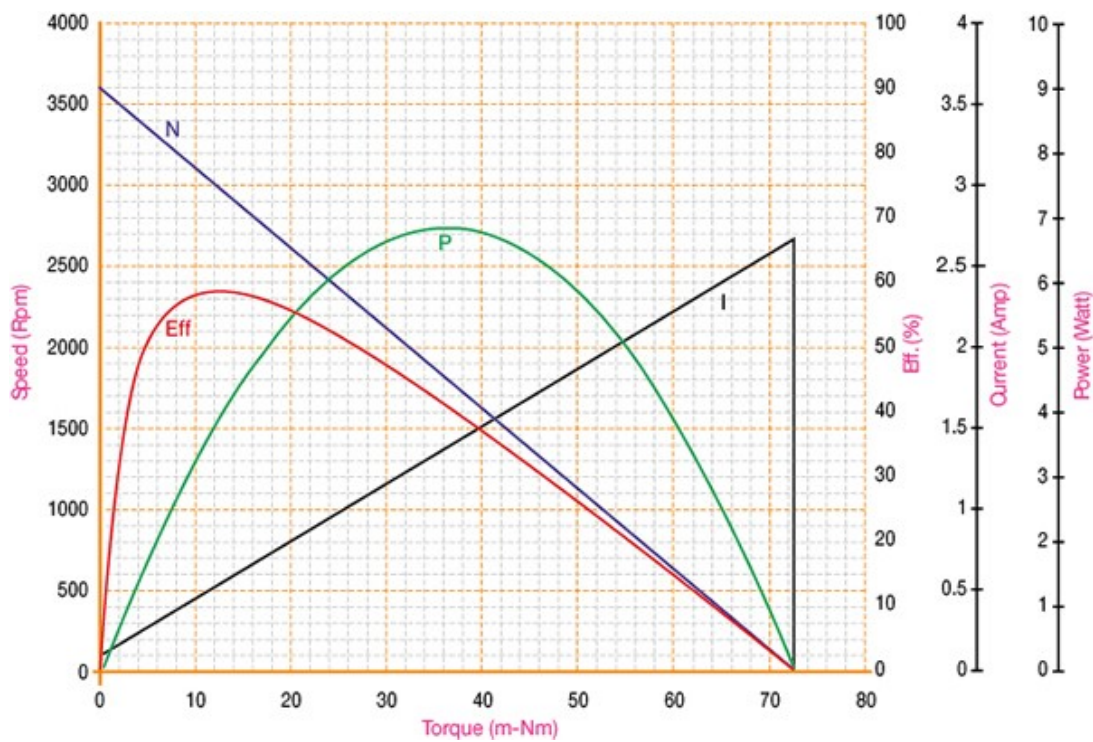
Application Examples:

Fuel Pumps

Drawing:



Performance Curves:



Units in Metric