

Characteristics:

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

Specifications:

Dimensions	: Ø 29.2 X 88.6 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 12.0 V DC
No Load Speed	: 3614 rpm
No Load Current	: 0.11 A
Nominal Speed	: 3002 rpm
Nominal Torque	: 12.30 mNm
Nominal Current	: 0.55 A
Stall Torque	: 72.54 mNm
Stall Current	: 2.68 A
Torque Constant	: 28.235 mNm/A
Dynamic Resistance	: 4.476 Ω
Motor Regulation	: 49.826 rpm/mNm
Maximum Output Power	: 6.87 W
Maximum Efficiency	: 59 %
Operation Temperature	: -40 to 85 °C
Storage Temperature	: -40 to 120 °C



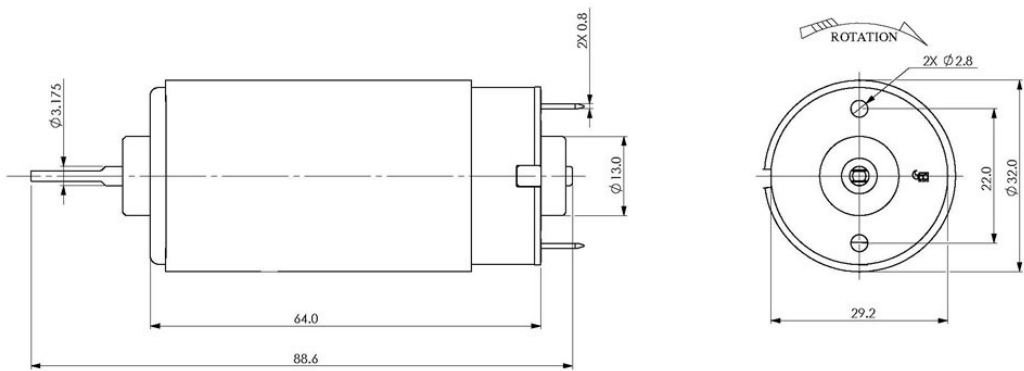
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.11	2.68	0.55	1.40
Efficiency (%)	-	-	59	59
Output Power (W)	-	-	3.87	6.87
Speed (rpm)	3614	-	3002	1807
Torque (mNm)	-	72.54	12.30	36.27

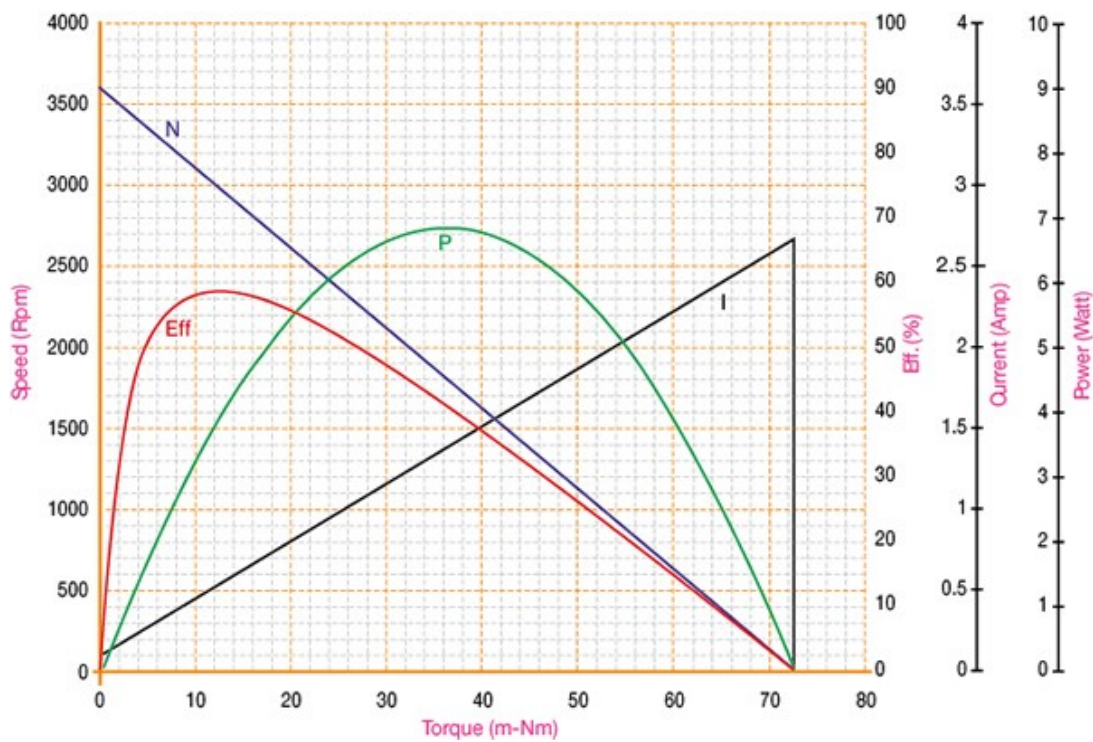
Application Examples:

Fuel Pumps

Drawing:



Performance Curves:



Units in Metric