

Characteristics:

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

Specifications:

Dimensions	: Ø 35.8 X 50.0 mm
Shaft Diameter	: Ø 3.175 mm
Input Voltage	: 12.0 V DC
No Load Speed	: 7267 rpm
No Load Current	: 0.61 A
Nominal Speed	: 5937 rpm
Nominal Torque	: 29.84 mNm
Nominal Current	: 2.71 A
Stall Torque	: 163.15 mNm
Stall Current	: 12.11 A
Torque Constant	: 14.189 mNm/A
Dynamic Resistance	: 0.991 Ω
Motor Regulation	: 44.541 rpm/mNm
Maximum Output Power	: 31.05 W
Maximum Efficiency	: 57 %
Operation Temperature	: -40 to 85 °C
Storage Temperature	: -40 to 120 °C



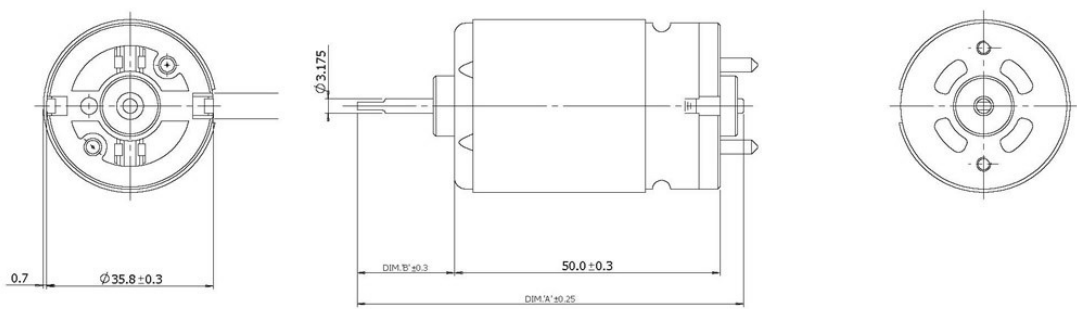
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.61	12.11	2.71	6.36
Efficiency (%)	-	-	57	58
Output Power (W)	-	-	18.56	31.05
Speed (rpm)	7267	-	5937	3633
Torque (mNm)	-	163.15	29.48	81.57

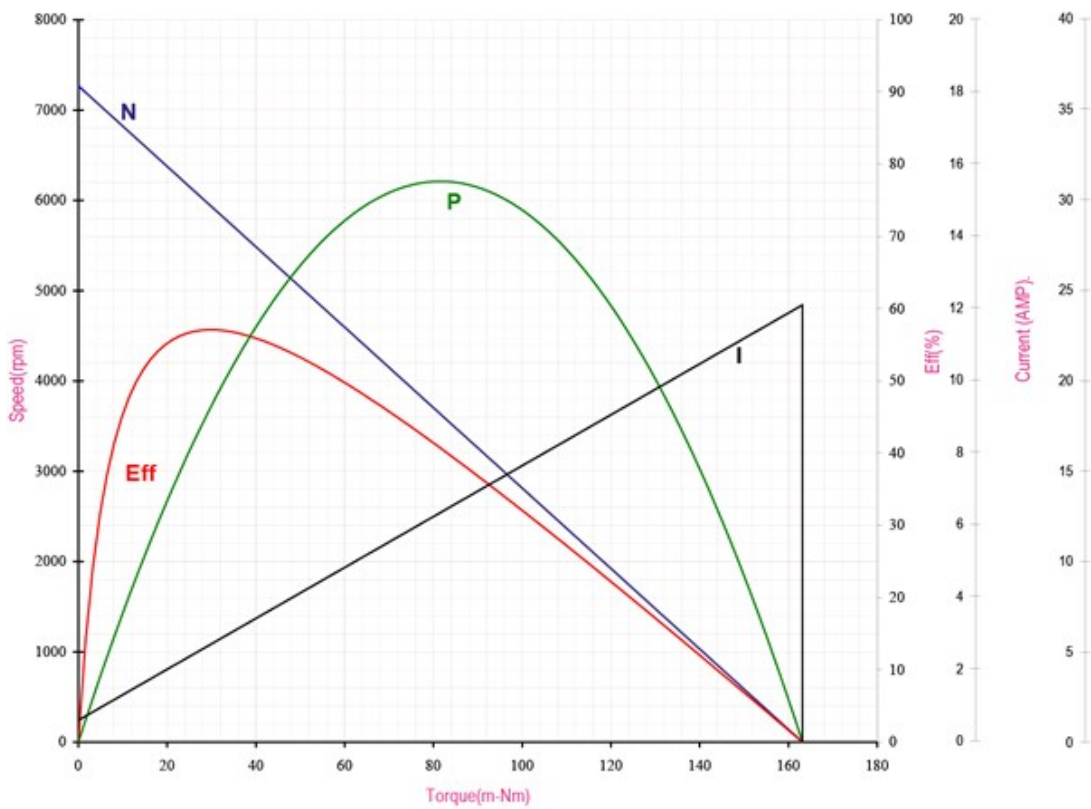
Application Examples:

Fuel Pumps

Drawing:



Performance Curves:



Units in Metric