

Characteristics:

High power DC motor

**Specifications:**

Dimensions (mm)	: Ø 35.8 X 57.0 mm
Shaft Diameter (mm)	: Ø 3.175 mm
Input Voltage (V)	: 24. V DC
No Load Speed (rpm)	: 7113 rpm
No Load Current (A)	: 0.14 A
Nominal Speed (rpm)	: 5500 rpm
Nominal Torque (mNm)	: 60.00 mNm
Nominal Current (A)	: 2.40 A
Stall Torque (mNm)	: 254.88 mNm
Stall Current (A)	: 8.01 A
Maximum Output Power (W)	: 47.48 W
Maximum Efficiency (%)	: 77%
Torque (mNm) - Max Eff	: 30.17 mNm
Speed (rpm) - Max Eff	: 6271 rpm
Life (Typical)	: 165 hr
Weight (g)	: 215 g
Operating Temperature Range (°C)	: 0 to 40 °C
Storage Temperature Range (°C)	: -10 to 50 °C
Electrical Connection	: Connectors

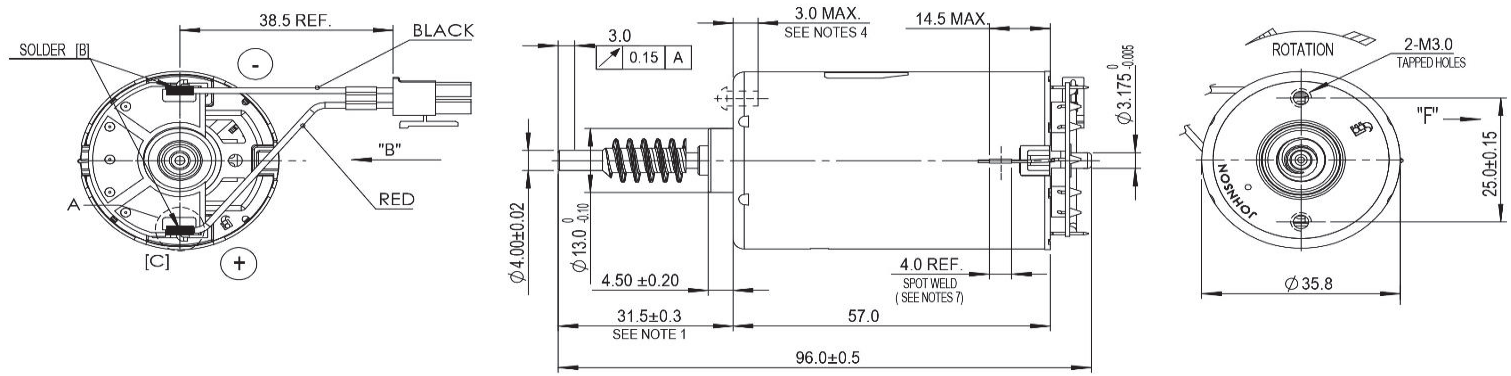
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.14	8.01	1.08	4.08
Efficiency (%)	-	-	76.82	47.00
Output Power (W)	-	-	19.82	47.48
Speed (rpm)	7113.00	-	6271.00	3556.00
Torque (mNm)	-	254.88	30.17	127.44

Application Examples:

Actuators

Drawing:



Performance Curves:

