

Characteristics:

High power DC motor

**Specifications:**

Dimensions (mm)	: Ø 49.0 X 90.3 mm
Shaft Diameter (mm)	: Ø 6.000 mm
Input Voltage (V)	: 24.0 V DC
No Load Speed (rpm)	: 6032 rpm
No Load Current (A)	: 0.37 A
Nominal Speed (rpm)	: 3916 rpm
Nominal Torque (mNm)	: 250.00 mNm
Nominal Current (A)	: 7.52 A
Stall Torque (mNm)	: 712.79 mNm
Stall Current (A)	: 20.76 A
Maximum Output Power (W)	: 112.56 W
Maximum Efficiency (%)	: 70%
Torque (mNm) - Max Eff	: 83.93 mNm
Speed (rpm) - Max Eff	: 5322 rpm
Life (Typical)	: 300 hr
Weight (g)	: 611 g
Operating Temperature Range (°C)	: 0 to 40 °C
Storage Temperature Range (°C)	: -10 to 50 °C
Electrical Connection	: Wires

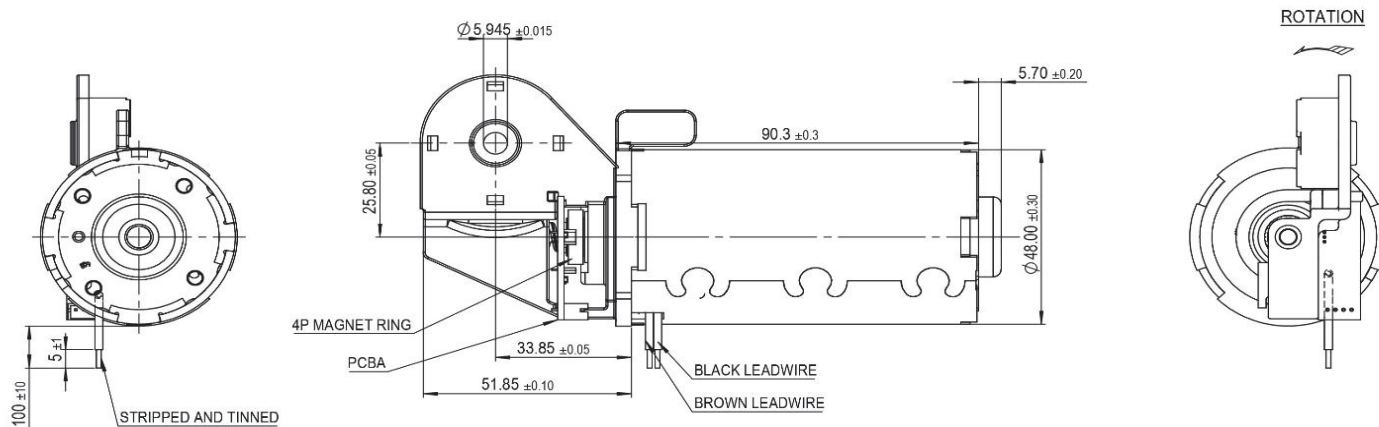
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.37	20.76	2.77	10.57
Efficiency (%)	-	-	70.32	45.00
Output Power (W)	-	-	46.78	112.56
Speed (rpm)	6032.00	-	5322.00	3016.00
Torque (mNm)	-	712.79	83.93	356.40

Application Examples:

Actuators

Drawing:



Performance Curves:

