

Characteristics:

High power DC motor

**Specifications:**

Dimensions (mm)	: Ø 51.9 X 92.0 mm
Shaft Diameter (mm)	: Ø 6.350 mm
Input Voltage (V)	: 24. V DC
No Load Speed (rpm)	: 4518 rpm
No Load Current (A)	: 0.36 A
Nominal Speed (rpm)	: 2850 rpm
Nominal Torque (mNm)	: 450.00 mNm
Nominal Current (A)	: 10.60 A
Stall Torque (mNm)	: 1252.43 mNm
Stall Current (A)	: 25.04 A
Maximum Output Power (W)	: 148.14 W
Maximum Efficiency (%)	: 79%
Torque (mNm) - Max Eff	: 134.75 mNm
Speed (rpm) - Max Eff	: 4032 rpm
Life (Typical)	: 600 hr
Weight (g)	: 710 g
Operating Temperature Range (°C)	: 0 to 40 °C
Storage Temperature Range (°C)	: -10 to 50 °C
Electrical Connection	: Wires

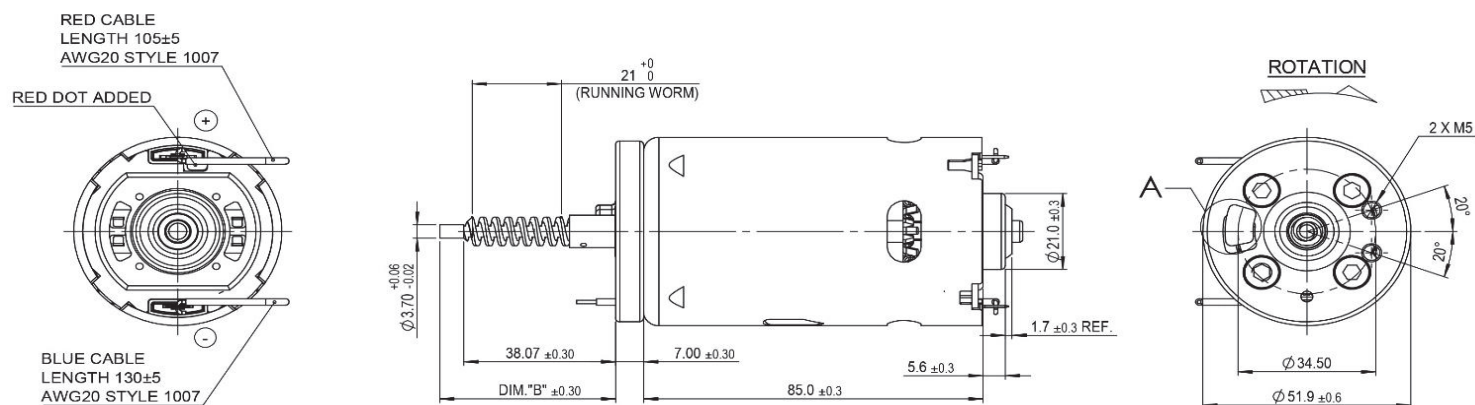
Performance Data:

	No Load	Stall	Max Efficiency	Max Power
Current (A)	0.36	25.04	3.02	12.70
Efficiency (%)	-	-	78.54	45.00
Output Power (W)	-	-	56.90	148.14
Speed (rpm)	4518.00	-	4032.00	2259.00
Torque (mNm)	-	1252.43	134.75	626.22

Application Examples:

Actuators

Drawing:



Performance Curves:

