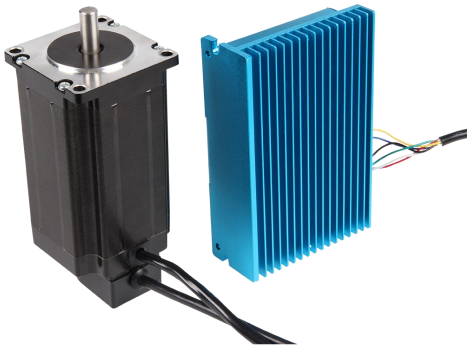
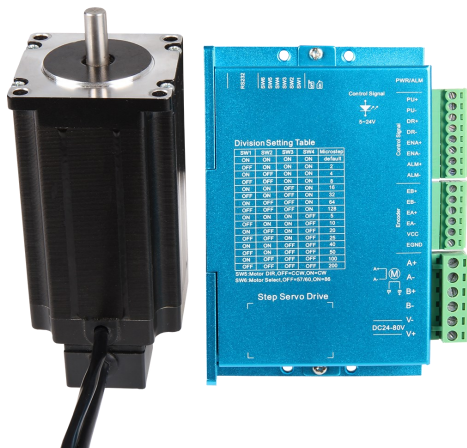


NEMA23-04CL

Bipolar Stepper Motor with closed-loop motor driver



This NEMA-23 motor combines the advantages of the stepper motor and servo motor technology. It has got a closed loop with a sensor, which enhances the accuracy of positioning and minimizes step losses.



KEY FEATURES

Shaft dimensions	Ø 8 x 18 mm (single shaft)
Specification	57SHD4931-20BQ
Connection	4 wire cable (motor), 6 wire cable (encoder)
Steps per revolution	200
Special Features	Closed-loop system, with regulator with control code
Dimensions	56 x 56 x 120 mm
Items delivered	NEMA23-04CL Motor, closed-loop motor driver

PERFORMANCE CHARACTERISTICS

Holding Torque	3 Nm
Rated Voltage	3.15 V
Rated Current	4.2 A
Step Angle	1.8 °
Amount of Phases	2
Phase Resistance	0.75 Ω
Phase inductivity	2.8 mH
Isolation resistance	Min. 100MΩ at 500 V DC
Isolation class	B (130°)
Rotational inertia	650 g·cm ²
Detent torque	0.1 Nm
Operating Temperature	-10 °C —50 °C

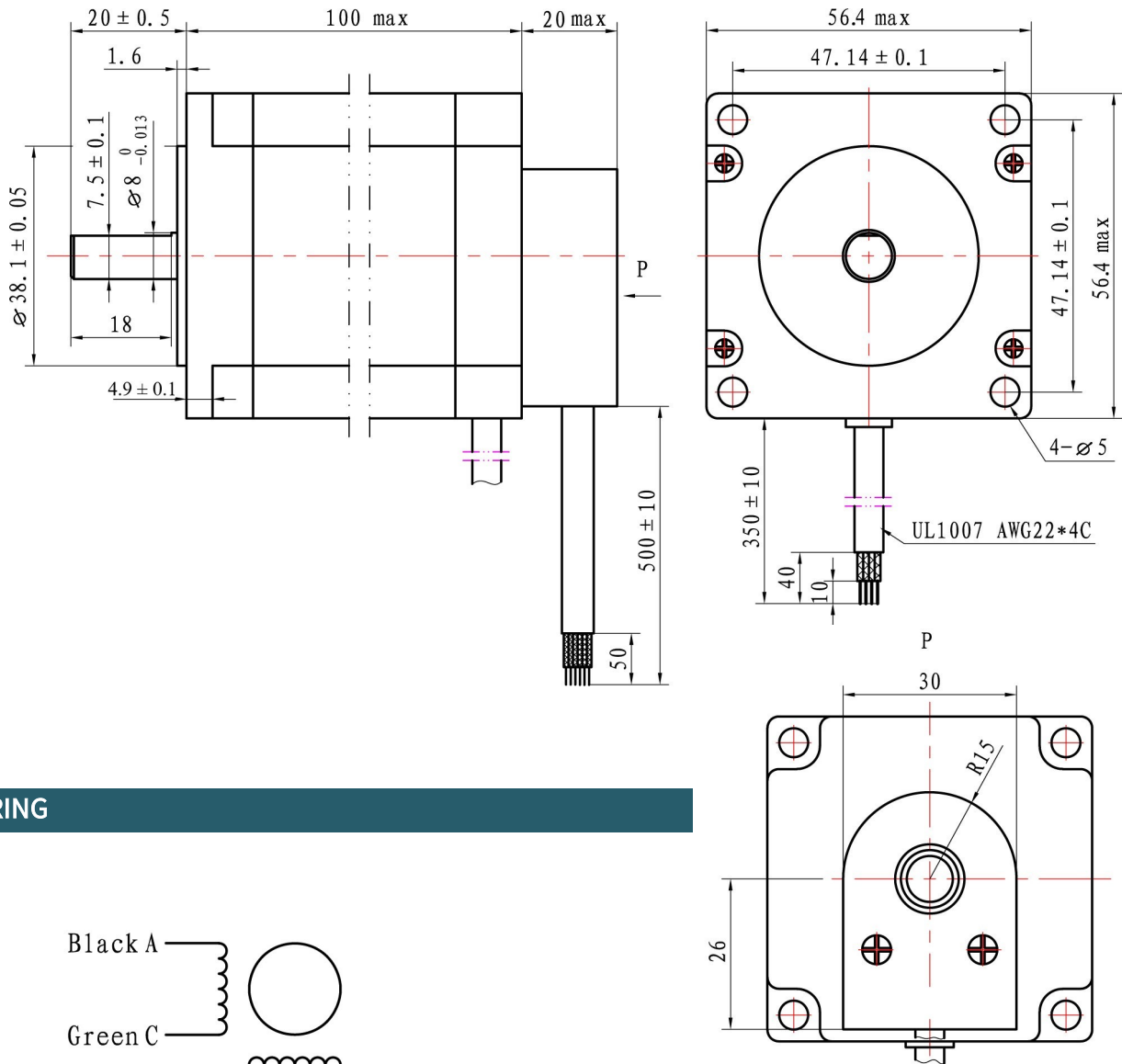
FURTHER DETAILS

Article No.	NEMA23-04CL
EAN	4250236818818
Customs Tariff No.	8501109990

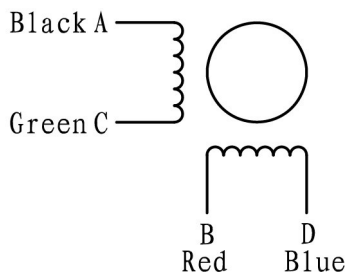
NEMA23-04CL

Bipolar Stepper Motor with closed-loop motor driver

DRAWING



WIRING



Encoder	Cable
A+	Green
A-	Blue
B+	White
B-	Yellow
5V	Red
GND	Black