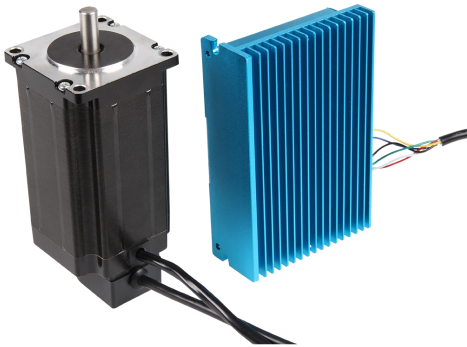
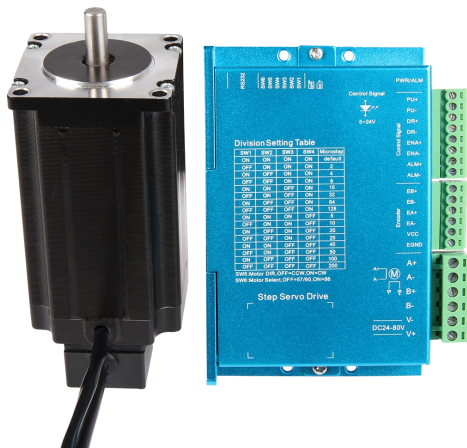


# NEMA23-04CL

Bipolar Stepper Motor with field-oriented control



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 prevents, in the scope of the physical capabilities, the step loss.



## KEY FEATURES

Shaft dimensions	Ø 7.5 x 18 mm (single shaft)
Specification	57SHD4931-20BQ
Connection	2 Cables (motor), 1 Cable
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-motodriver

## 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	500 V DC
Isolation class	B (130°)
Rotational inertia	650 g·cm <sup>2</sup>
Detent torque	0.1 Nm
Operating Temperature	-10 °C — 50 °C

## FURTHER DETAILS

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