

3 Axis Nema 42 stepper motor 3256 oz.in CNC Mill

This item includes:

1.3 pcs Nema 42 stepper motor 3256 oz.in bipolar

2.3 pcs Stepper motor driver 110-220VAC,7A, 60000ppr

3.1 pc Breakout Board

Note: This kit dont need power supply, the reason is that the input voltage of the stepper motor driver DQ2722M is 110-220VAC.

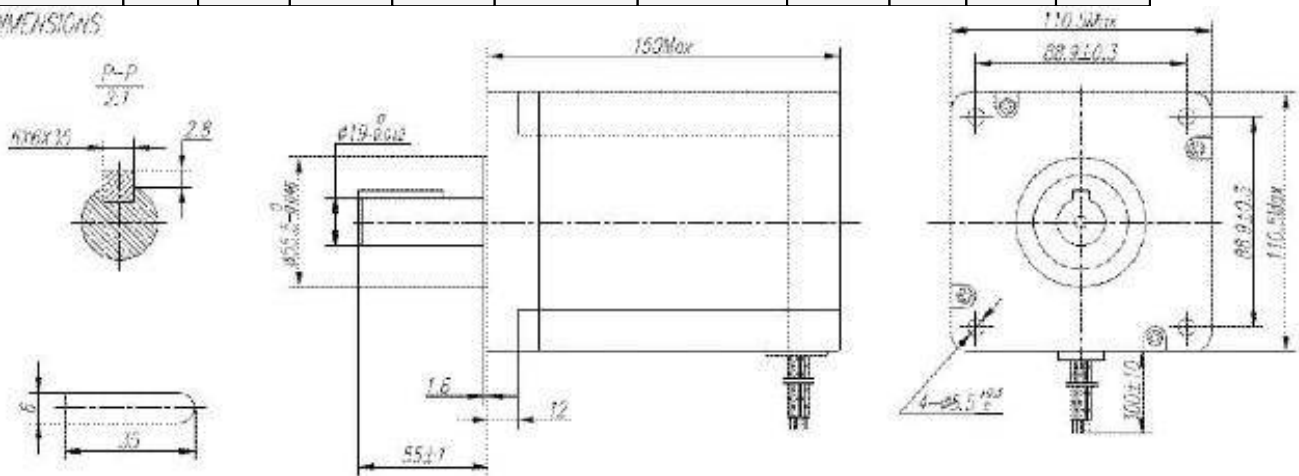
Detailed information about this item:

1. Nema 42 stepper motor:

Electrical Specification:

Model	Step angel (°)	Motor Length L(mm)	Rate Voltage (V)	Rate Current (A)	Phase Resistance (Ω)	Phase Inductance (mH)	Holdin g Torque (oz.in)	Lead Wire (NO.)	Rotor Inertia (kg. cm2)	Motor Weight (kg)
42HS5460	1.8	150	4.08	6.0	0.8	14	3256	4	10.9	8.4

1.DIMENSIONS



RED A+

GRN A-

YEL B+

BLU B-

2. Stepper motor driver: DQ2722M

FEATURES

High performance, low price

16 channels constant angle, constant torque micro steps, highest micro step: 60000ppr

Highest response frequency: 200Kpps

Current of winding will be reduced by approximately 50% when no step pulse command is received for 0.1 second

Opto-isolated signal I/O

Drive current is adjustable in 16 channels from 1.2A/phase to 7.0A/phase

Single power supply from 110V to 220VAC

Phase terminal memory function (motor phase terminal is memorized after input pulse train stopping 5s and it is recovered when stepper driver power on or signal MF changes from low level to high level)

3. Breakout board:

Description:

- Built in DB25 male connector.
- DB25 Output Pin:P1,P2,P3,P4,P5,P6,P7,P8,P9,P14,P16,P17.
- DB25 Input Pin: P10,P11,P12,P13,P15.
- DB25 GND Pin: P18-P25.
- Power supply: +5V DC.
- Built in C-class Optical-coupler.
- High quality with Surface-mount Tech.

Please contact with Mary Chen (mary@longs-motor.com)

Our products are mainly used in robotization, Spinning Automatization, Printing, Packing, Medical Machine, Make-up Equipment, Communication, Household Appliance, Water Pump, Milling Machine, Engraver Machine, CNC Routers.. etc automatic equipment of various trades.

We produce all kinds of motors & driver. And we can manufacture products according to our customer's design. Currently we are looking for qualified stocking distributors with competitive price and good discount in all United States & Canada for mutually beneficial long-term relationship. We try our best to support our distributors and business partners to develop more market percentage.

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Product link : <https://www.longs-motor.com/?p=1105>