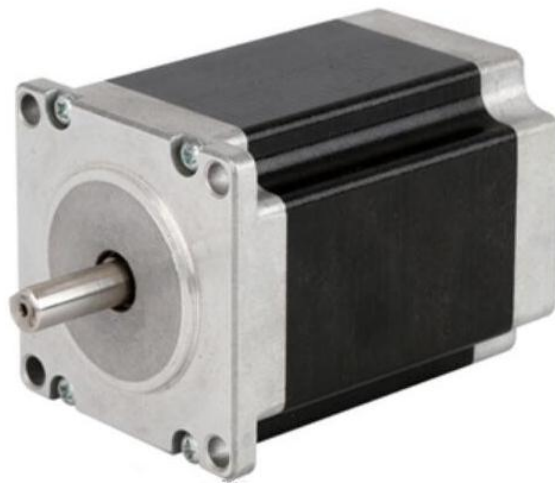




Data Specs

57BYGH76 2.8A 176N.cm 57 Stepper Motor

A stepper motor to satisfy all your 3D-Printer, robotics, Linear Motion projects needs! This 4-wire uni-polar/bipolar stepper motor has 1.8° per step for smooth motion and a nice holding torque. This motor specified to have a max current of 2.8A/phase so that it could be driven easily with common motor shield for Arduino (or other motor driver) and a wall adapter or lead-acid battery. The motors are supplied with a 100cm long power cable with a 4-pin female 2.56mm pitch header connector.



SKU: [EMH-1152](#)

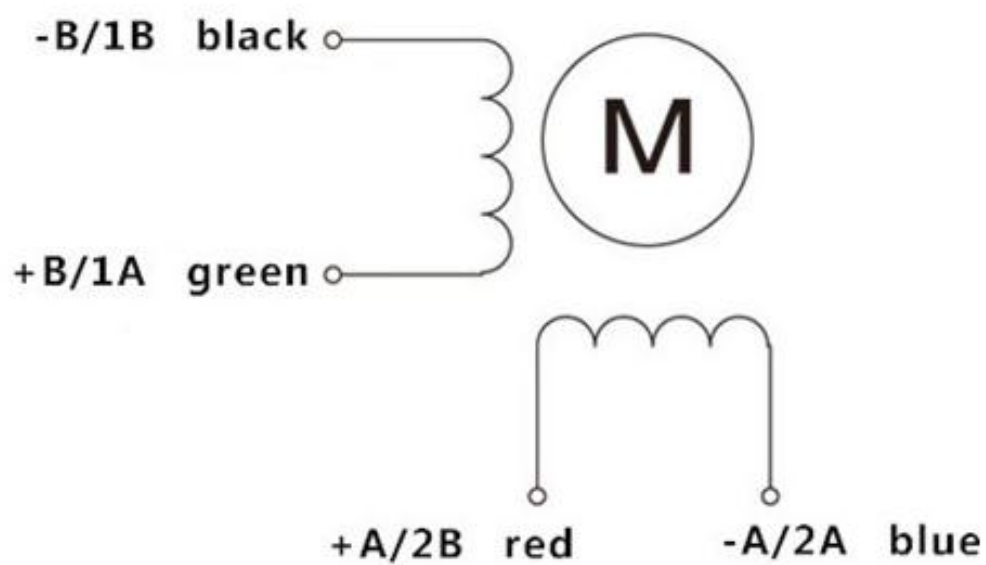
Brief Data:

- Model: 57BYGH76-2804A
- No. of Phase: 2 Phase 4-wires.
- Rated Phase Current: 2.8A.
- Phase Resistance: 1.0Ω.
- Phase Inductance: 5.0mH.
- Step Angle: 1.8°.
- Shaft: Ø8.00mm D-Shape.
- Rated Voltage: 12V - 24V DC.
- Holding Torque: 176Ncm.
- Connector: XH 4-pins 2.54mm pitch.
- Wire length: 100cm.
- Frame size: 56mm x 56mm.
- Motor Body Length L_{MAX}: 76mm.
- Weight: 1.0 KG.

Application:

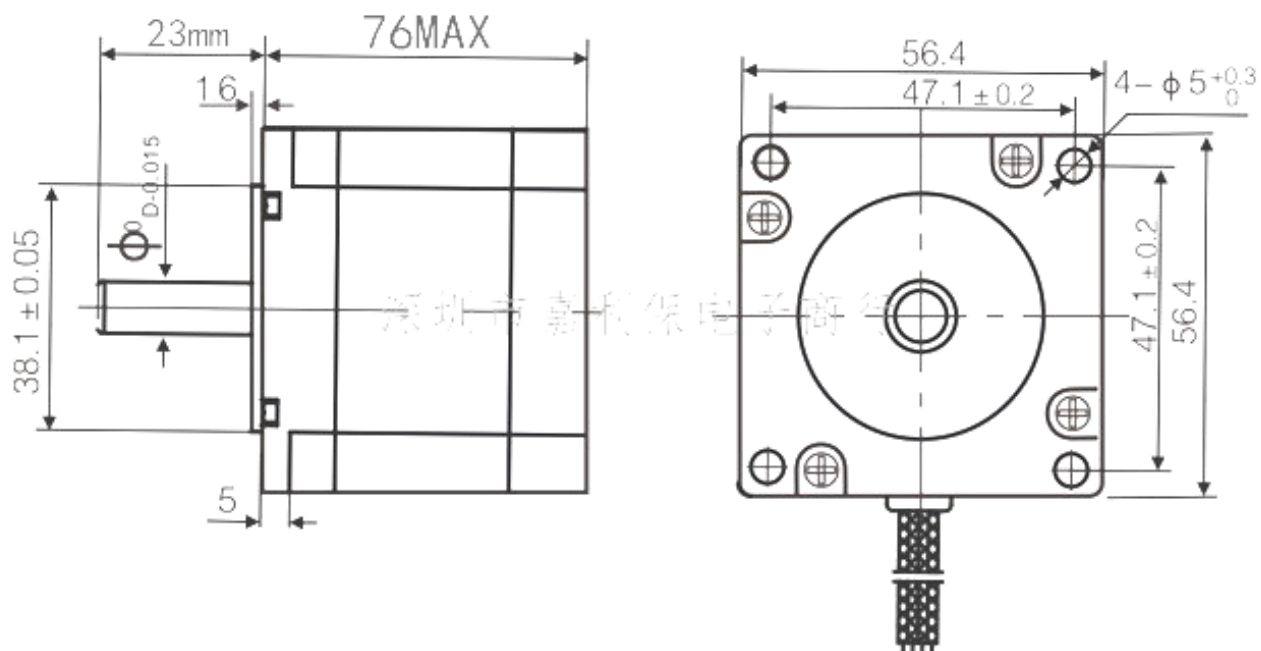
- 3D Printer
- CNC machines
- Linear actuators
- Prototyping machines
- Prototyping machines
- Precision Telescope
- Pick and place machines

Connection Diagram:



Mechanical Dimension:

Unit: mm



57 Series Stepper Motor Body Length Comparison:



57 Stepper Motor Body Length Comparison