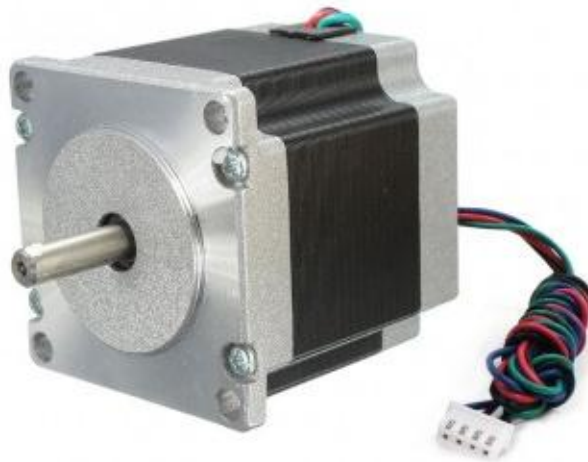




Data Specs

23HS5623 2.8A 126N.cm Nema23 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-1142](#)

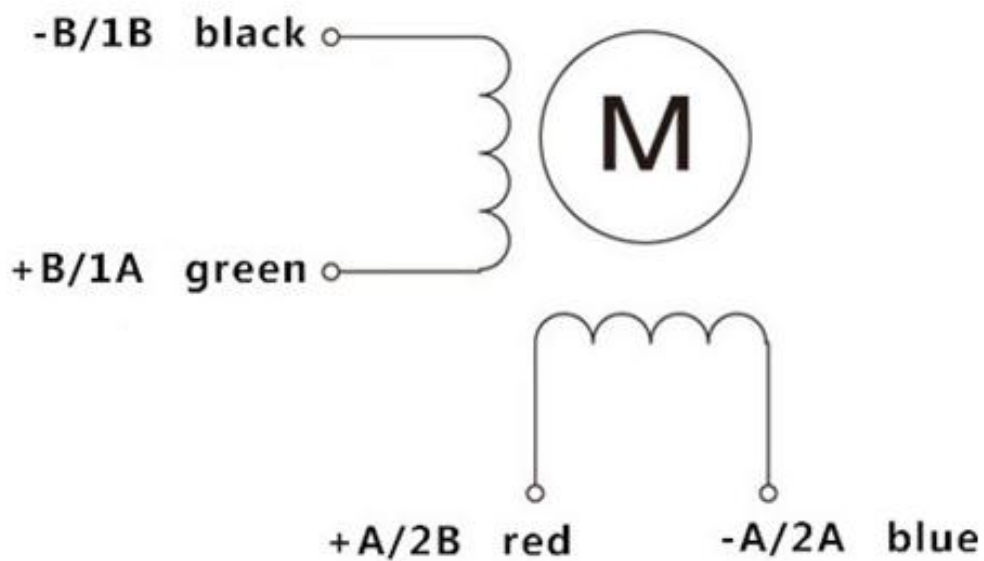
Brief Data:

- Model: 23HS5623-P4-6.35-D.
- No. of Phase: 2 Phase 4-wires.
- Rated Phase Current: 2.8A.
- Phase Resistance: 0.9Ω .
- Phase Inductance: 4.7mH.
- Step Angle: 1.8 Degree.
- Shaft: $\varnothing 6.35\text{mm}$ D-Shape.
- Rated Voltage: 12V~24V DC.
- Holding Torque: 1.26N.m.
- Shaft Radial force: 10Kg/cm.
- Wire length: 100cm.
- Frame size: 56mm x 56mm.
- Motor Body Length L_{MAX} : 56mm.
- Weight: 770 grams.

Application:

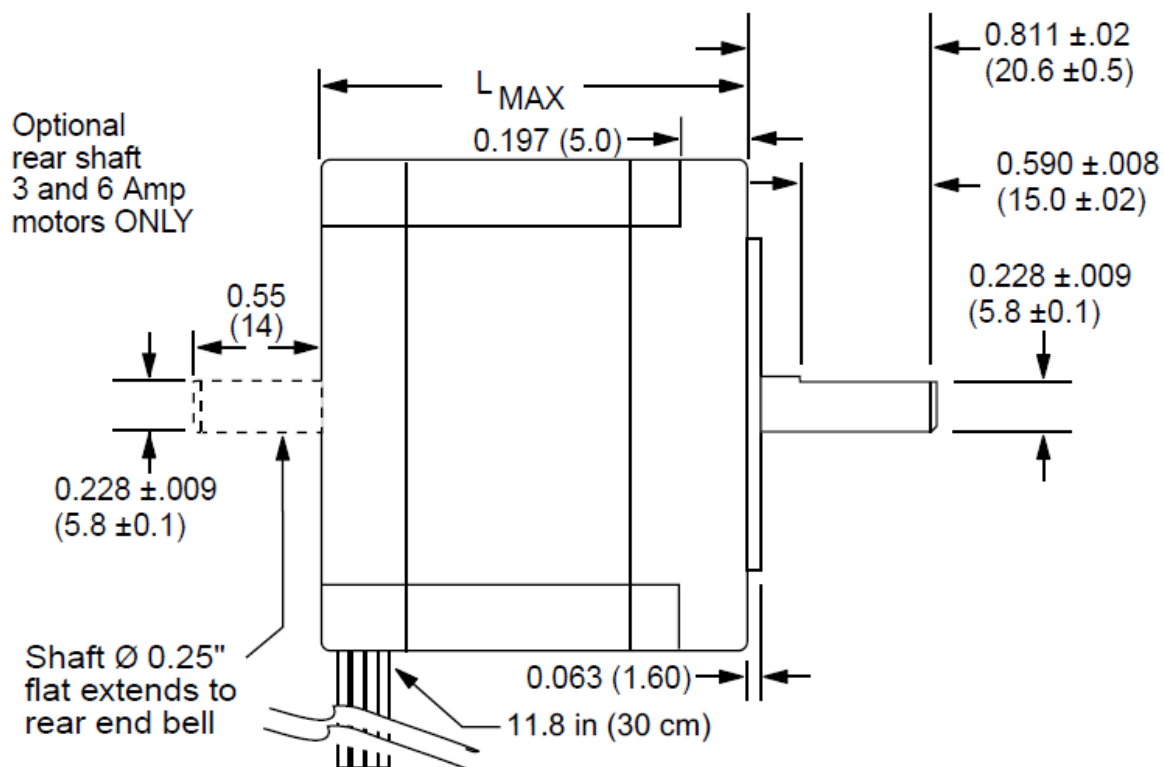
- 3D Printer
- CNC machines
- Linear actuators
- Prototyping machines
- Prototyping machines
- Precision Telescope
- Pick and place machines

Connection Diagram:



Mechanical Dimension:

Unit: mm



FRONT VIEW

$\varnothing 1.500 \pm .002$
($\varnothing 38.10 \pm .05$)

$\varnothing 0.25 +0/-0.001$
($\varnothing 6.35 +0/-0.013$)

4X $\varnothing 0.197 (5.0)$
 $\pm .010 (.25)$ holes
equally spaced on a
2.625 (66.67) DBC.

$\square 1.85$
($\square 47.1$)

$\square 2.22$
($\square 56.39$)



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