

Data Specs

17HS8401 Dual Shaft 1.7A Stepper Motor

A stepper motor to satisfy all your 3D-Printer, robotics, Linear Motion projects needs! This 4-wire bipolar stepper has 1.8° per step for smooth motion and a nice holding torque. This Dual Shaft motor was specified to have a max current of 1.7A/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 30cm long power cable with a 4-pin Harwin female connector.



Brief Data:

- Nema17 Bipolar
- Number of Phase: 2
- Step Angle: 1.8°
- Phase Current: 1.7A
- Resistance: $1.8\Omega \pm 10\%$
- Inductance: $3.2\text{mH} \pm 20\%$ (1KHz)
- Number of Wire: 4 (30cm Length)
- Motor Body Length: 48mm.
- Holding Torque: 52N.cm.
- Shaft Diameter: Ø5mm Dual Shaft.
- Recommended Voltage: 12-24V.
- Rotor Inertia: 68gcm^2 .
- Temperature rise: 80°C Max.
- Insulation Class: B
- Dielectric Strength: 500VAC/1-minute
- Mass: 380g

Application:

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

Mechanical Dimension:

Unit: mm



