RepRap 40mm Stepper Motor

Product 84/120

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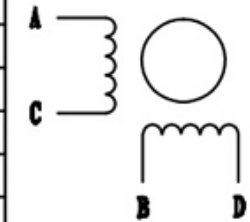
US $15.00

- Model: 17HD40005-22B
- Shipping Weight: 290g
- 93 Units in Stock

Description

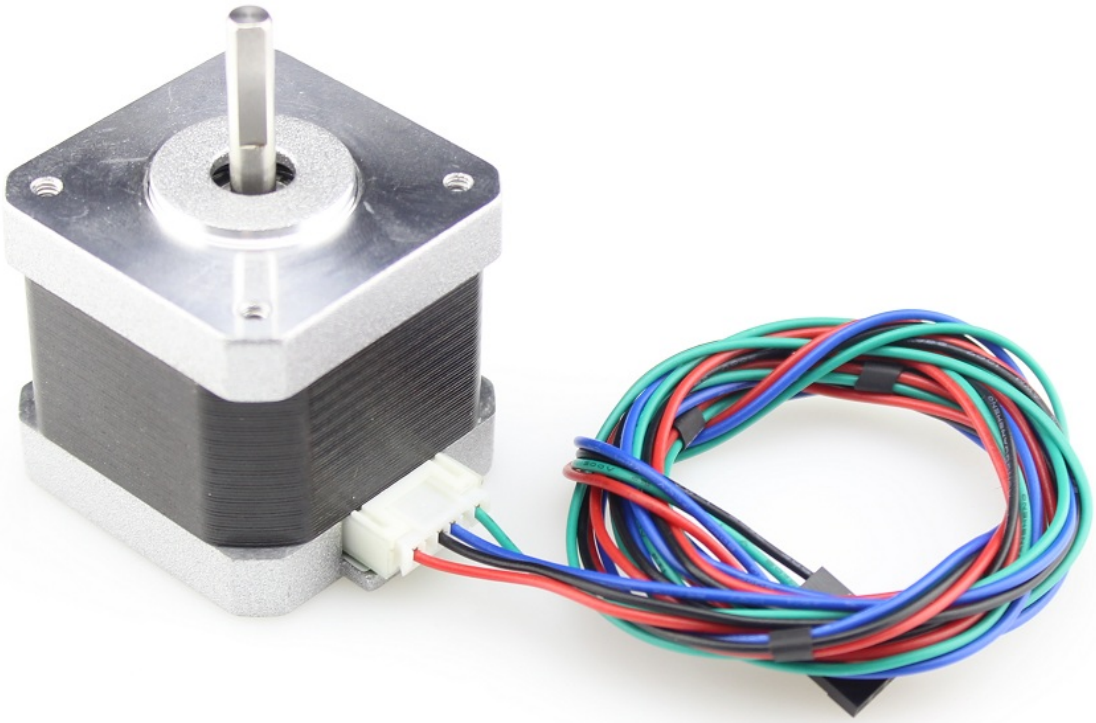
This stepping motor was two phase mixing type.1m wire, one connect electrical machine, on the other end has variety optional ports; heat shrink tubing effect to prevent the wire tangled up.D-shaped axle with 22mm, electrical machine with high-torque, high-speed, low noise.

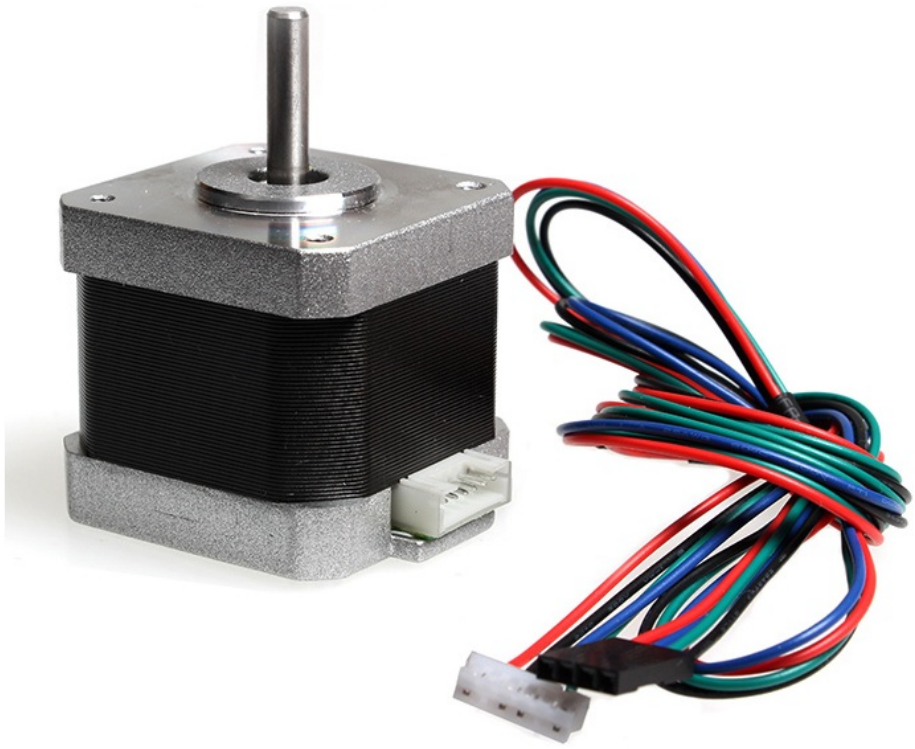
General specification		Electrical specification		Wiring diagram
Step angle	1.8° ±5%	Rated voltage	2V	
Number of phase	2	Rated current	1.3A	
Insulation resistance	100MΩmin. (500V DC)	Resistance per phase	1.6Ω±10%	
Insulation class	Class B	Inductance per phase	3.2mH±20%	
Rotor inertia	57g.cm^2	Holding torque	360mN.m	
Mass	0.28kg	Detent torque	18mN.m	

Features

- Drive mode: Chopping wave constant current drive
- Exciting mode: Two-phase 4-wire. It is available for rotation of forward and reverse
- Swerve: The order of power is AB-BC-CD-DA, from shaft end to see C.W
- Rated current (one-phase): 1.3A DC
- Rated voltage: 2.4V
- Stepping angle: 1.8°
- Insulation grade: B grade
- Operating Conditions: Environment Temperature: -20~50℃; RH: 90%MAX
- Mounting Position: Axis horizontal or vertical installation
- Direct-current winding resistance (25℃): 1.6Ω±10%
- Wnding inductance: 3.2mH±20%
- Cogging torque: 18mN.m REF
- Holding torque: ≥360mN.m（I=1.3A）
- Max. no-load starting frequency: ≥1400pps
- Max. no-load running Frequenc: ≥8000pps
- Temperature rise: <80K

- Step Angle Accuracy: 1.8°± 5%
- Rotary inertia: 57g.cm2
- Motor Weight: 0.28Kg/PC REF
- Insulation resistance: Cold insulation resistance should be more than 100MΩ (between the Motor stator core and Terminal)
- Dielectric strength: The space between the Motor stator core and Terminal should be able to withstand AC600V/1s without breaking down. Leakage current is less than 1mA.
- Size(L*W*H): Approx. 42 x 42 x 40mm / 1.65 x 1.65 x 1.57 inch





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