

HH17-103

Hollow Shaft, NEMA 17 High Torque Step Motor

1pc. - 55.00
50pc. - 41.25



Product Features

- Hollow shaft for mounting custom shafts or lead screws
- High torque design
- NEMA 17 frame size
- 2-phase hybrid step motor
- 1.8 degree step angle
- Shipped with detachable lead/connector pigtail



Description

Product Description:

The HH17-103 two-phase stepper motor features a hollow shaft with a 5 mm bore. The hollow shaft allows for the attachment of lead screws and customized shafts without disassembling the motor.

This step motor is suitable for a wide range of motion control applications and is recommended for use with our popular [ST5 stepper drives](#).

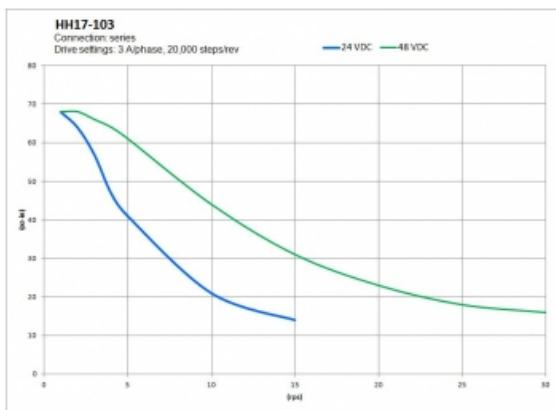
Specifications

Part Number:	HH17-103
Frame Size:	NEMA 17
Motor Type:	High torque
Motor Length:	1.90 inches
Number of Lead Wires:	4
Lead Wire Configuration:	flying leads, no connector
Lead Wire/Cable Length:	11.8 inches
Lead Wire Gauge:	26 AWG
Bipolar Holding Torque:	89.2 oz-in
Step Angle:	1.8 deg
Bipolar Series Current:	2 A/phase
Bipolar Series Resistance:	1.3 Ohms/phase
Bipolar Series Inductance:	3 mH/phase
Rotor Inertia:	1.16E-03 oz-in-sec ²
Weight:	0.79 lbs
Storage Temperature:	-30 to 70 °C
Operating Temperature:	-20 to 50 °C
Insulation Class:	B
End Play:	0.004 inch max w/ 22.5 lb load

Downloads

Datasheet:	http://s3.amazonaws.com/applied-motion-pdf/HH17-103.pdf
2D Drawing:	HH17-103_RevA.pdf 3004-320_RevA.pdf
3D Drawing:	HH17-103.igs
Speed-Torque Curves:	HH17-103 Torque Curve.pdf

Torque Curves



Pricing

HH17-103 Part No. w/ Single Shaft	
1pc.	\$55.00
25pc.	\$47.30
50pc.	\$41.25
100pc.	Request a Quote for 100+ piece pricing.