

ARTISAN®
TECHNOLOGY GROUP

Your **definitive** source for quality pre-owned equipment.

Artisan Technology Group
(217) 352-9330 | sales@artisantg.com | artisantg.com

Full-service, independent repair center
with experienced engineers and technicians on staff.

We buy your excess, underutilized, and idle equipment
along with credit for buybacks and trade-ins.

Custom engineering
so your equipment works exactly as you specify.

- Critical and expedited services
- In stock / Ready-to-ship
- Leasing / Rentals / Demos
- ITAR-certified secure asset solutions

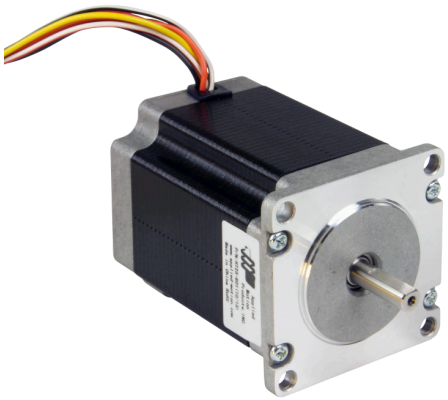
Expert team | Trust guarantee | 100% satisfaction

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Visit our website - *Click HERE*

HT23-601D NEMA 23 High Torque Stepper Motor w/ Double Shaft

SKU: HT23-601D



In Stock: 101

Add to Quote

$

per unit

1

ADD TO CART

Minimum order: 1 item

In Stock Ships in 2 Business Days

FEATURES

- 2-phase hybrid step motor
- High torque design
- Standard NEMA 23 dimensions
- Series or parallel wiring
- Optimized for microstepping
- Double shaft version available
- Motor is UL Recognized
- Holding brake option available
- Encoder options available

Product Information

DESCRIPTION | SPECIFICATIONS | TORQUE CURVES | COMPATIBLE PRODUCTS

METRIC | IMPERIAL

Frame Size	NEMA 23
Motor Type	High torque
Motor Length	2.99 in
Number of Lead Wires	8
Lead Wire Configuration	flying leads, no connector
Lead Wire/Cable Length	18 in
Lead Wire Gauge	22 AWG
Bipolar Holding Torque	269 oz-in
Step Angle	1.8 deg
Bipolar Parallel Current	4.24 A/phase
Bipolar Parallel Resistance	0.5 Ohms/phase
Bipolar Parallel Inductance	1.7 mH/phase
Rotor Inertia	6.51E-03 oz-in-sec2
Integral Gearhead	No
Weight	2.2 lbs
Storage Temperature	-22 to 158 °F
Operating Temperature	-04 to 122 °F
Insulation Class	Class B (130 ºC)
Maximum Radial Load	13.3 lbs
Maximum Thrust Load	Push: 9.0 lbs; Pull: 29.2 lbs
Shaft Diameter	0.25 in
Bipolar Series Current	2.12 A/phase
Bipolar Series Inductance	6.8 mH/phase
Bipolar Series Resistance	2 Ohms/phase
Category Series	CORE Step Motors UL Recognized Stepper Motors
Specification Footnotes	Weight shown is for part number with single shaft. Rear shaft and encoders add less than 1 oz each. Holding brake adds 13 oz (0.81 lbs). L10; 20,000 hours; 1,000 rpm; Standard shaft length; Radial load at end of shaft.

Downloads

Manuals

StepMotorWiring-8-lead-striped.pdf (https://applied-motion.s3.amazonaws.com/documents/Datasheets/StepMotorWiring-8-lead-striped.pdf)

StepperMotorLifedata-110817.pdf (https://applied-motion.s3.amazonaws.com/documents/Datasheets/Stepper%20Motor%20Life%20data-110817.pdf)

2D Drawing

HT23-601_RevN.PDF (https://applied-motion.s3.amazonaws.com/documents/2D-Drawing/HT23-601_RevN.PDF)

HT23-601B_RevD.PDF (https://applied-motion.s3.amazonaws.com/documents/2D-Drawing/HT23-601B_RevD.PDF)

3D Model

HT23-601D_RevM.STEP (https://appliedmotion.s3.amazonaws.com/HT23-601D_RevM.STEP)

Artisan Technology Group is an independent supplier of quality pre-owned equipment

Gold-standard solutions

Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

We buy equipment

Planning to upgrade your current equipment? Have surplus equipment taking up shelf space? We'll give it a new home.

Learn more!

Visit us at **artisantg.com** for more info on price quotes, drivers, technical specifications, manuals, and documentation.

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We're here to make your life easier. How can we help you today?

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