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HT23-554 - NEMA 23 High Torque Step Motor



Product Features

- 2-phase hybrid step motor
- High torque design
- Standard NEMA 23 dimensions
- Optimized for high bus voltage
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Product Details

Description

The HT23-554 two-phase stepper motor is designed for use with the STAC5 and STAC6 series of stepper drives and is suitable for a wide range of motion control applications. The motor is optimized for use with high bus-voltage drives and comes with an integral 10 ft shielded cable.

The HT23-554 step motor supersedes the HT23-550 step motor in 120 VAC applications with the STAC5 and STAC6 stepper drives.

Series or Parallel Connection

The motor is terminated with 8 motor leads plus 1 ground lead making it easy to connect the motor to the drive depending on the drive voltage being used. For 120 VAC applications the motor leads must be connected in parallel. For 220 VAC applications the motor leads must be connected in series.

Available Part Numbers

Part No.	Details
HT23-554	Base, single shaft motor.

HT23-554D	Double shaft motor.
HT23-554D-ZAA	Motor with ZAA type optical encoder mounted to rear shaft and end bell of motor. Recommended for use with Applied Motion stepper drives to perform Stall Detection and Stall Prevention functions. 2,000 CPR (8,000 counts quadrature); A, B, and Z (index) channels; differential, line driver outputs. • Mating cable for use with Applied Motion drives (D-sub connector): 3004-195-10 • Mating cable with flying leads: 3004-257
HT23-554D-ZAC	Motor with ZAA type optical encoder (see above) mounted to rear shaft and end bell of motor. A metal cover with integral shielded cable is mounted over the encoder to protect the encoder from dust and debris.

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