

HT24 Step Motors

High Torque NEMA 24 Step Motors



Product Features

- 2-phase hybrid step motors
- High torque design
- NEMA 24 dimensions
- 8 mm shaft diameter
- 4-wire bipolar connection

Series Details

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HT24 step motors are suitable for a wide range of motion control applications. Terminated with 4 motor leads, these motors are made to connect to two-phase, bipolar stepper drives.

NEMA 24 motors have mounting dimensions that are very similar to NEMA 23 motors. The bolt hole circle and pilot diameter are the same. The significant differences are the bolt hole diameter and shaft diameter. The bolt hole diameter of HT24 motors are slightly smaller than NEMA 23, and the shaft diameter of HT24 motors are 8 mm, instead of the normal 0.25 inch for NEMA 23 motors. See the individual motor drawings for more details.

To compare the HT24 motors to other step motors from Applied Motion Products, visit the [step motors](#) page.

Products in the Series *HT24 Step Motors*

Part Number	Frame Size	Length	Holding Torque	Series Current	Parallel Current	Rotor Inertia
HT24-100	NEMA 24	1.73	123	NA	2.80	3.68E-03
HT24-105	NEMA 24	2.13	177	NA	4.00	6.37E-03
HT24-106	NEMA 24	3.35	382	NA	2.8	1.27E-02
HT24-108	NEMA 24	3.35	354	NA	4.00	1.27E-02