High Load Precision Stepper Motor Actuator - 1/2" & 1" Travel

- 1/2" (13mm) Travel Range for EAH503
- 1" (25mm) Travel Range for EAH504
- 50nm Resolution
- 4nm/Second Max Speed
- 2µm Bidirectional Repeatability
- 26lbs. (12kg) Load Capacity

The EAH-series actuators provide precision motion control in a convenient form factor. The EAH503 provides 1/2" (13mm) of travel while the EAH504 provides 1" (25mm) of travel. Both units offer 50nm resolution, 4mm per second maximum travel speed, and 2um bidirectional repeatability. Each unit is capable of driving a load capacity as high as 26 lbs. (12kg).

- Step Angle: 1.8 Degrees (200 Steps/Rev)
- Rated Phase Current: 0.67A
- Phase Resistance: 9.2Ω
- Phase Inductance: 5.7mH
- Holding Torque (Max): 11.73N-cm
- Detent Torque: 0.75N-cm
- Manual Adjuster Knob Provided

**ITEM#** | **$** | **£** | **€** | **¥** | **DESCRIPTION**
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EAH503 | $994.50 | £585.00 | €877.50 | ¥163,800 | 1/2"(13mm) High Load Precision Stepper Motor Actuator
EAH504 | $1,156.00 | £680.00 | €1,020.00 | ¥190,400 | 1"(25mm) High Load Precision Stepper Motor Actuator

**APT™ System: 3 Channel Stepper Motor Controller**

This BSC103, 3-axis stepper-motor controller, combines the latest high-speed digital signal processor, low-noise analog electronics, and ActiveX® software technology for effortless three axis motion. Additional axes can be driven by connecting one or more bench top units via a standard USB hub, or by using the new mid-rack controller.

Each controller offers an intuitive graphical user interface which provides access to all motion controls and features, including velocity profiling, jog velocity and resolution. Advanced software functions include both internal and external triggering, automatic positioning-error compensation, and advanced applets available within LabVIEW™. All of these features are easily accessed within the LabVIEW™ environment, or within your programming environment of choice.

ActiveX is a registered trademark of Microsoft Corporation.
LabVIEW™ is a trademark of National Instruments.