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70mm, Compact Motorized Rotation Stage, Metric



70mm, Compact Motorized Rotation Stage

Stock **#23-929** **10 In Stock**

⊖ 1 ⊕ A\$1,560⁰⁰

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General

Metric **Type:**

Controller Required: [#23-931](#) **Note:**

Stepper Motor **Type of Motor:**

Physical & Mechanical Properties

Rotary **Type of Movement:**

Ball Bearing	Guide System:
360	Travel (°):
0.03	Accuracy (°):
0.2	Backlash (°):
Aluminum, 3D Printed Plastic	Construction:
44.7	Height (mm):
0.5	Load Capacity (kg):
0.03	Repeatability (°):
240	Speed (°/s):
0.25	Weight (kg):
70	Table Diameter (mm):
0.0083	Parallelism (°):
0.02	Min. Incremental Movement (°):

Optical Properties

Resolution (μm):
0.02°

Electrical

Maximum Operating Current (mA):
500

Hardware & Interface Connectivity

Type of Drive:
Gear Transmission

Computer Interface:
USB-C

Threading & Mounting

Mounting Threads:
(4) M6 x 1.0, (4) M3 x 0.5, (8) M2 x 0.4

Environmental & Durability Factors

Operating Temperature (°C):
10-40

Regulatory Compliance

RoHS 2015:
[Compliant](#)

Reach 224:
[Compliant](#)

Certificate of Conformance:
[View](#)

Product Details

- Compact Footprint and Economic Price Point
- Light-weight Housing with Durable Stage Platform
- Compatible with [TECHSPEC Stages](#)
- Use Power Supply [#21-075](#) to Power Controller [#23-931](#)

Compact Motorized Rotation Stages are a cost-effective solution for motorized rotation adjustment within an optical system. These stages feature an anodized aluminum stage platform for precision mounting, with a preinstalled breadboard mounting plate. The compact overall footprint maximizes space efficiency to add motorization to space constrained systems. Compact Motorized Rotation Stages share the same hole patterns as our [TECHSPEC stages](#), making them an ideal lab bench component for motorized system building. Requires a Controller, [#23-931](#), which can be easily connected via an included 1m USB-C to USB-A cable.