

70mm, Compact Motorized Rotation Stage, Metric



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Stock **#23-929** 4 In Stock

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1

+

S\$1,359⁰⁹

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SPECIFICATIONS

General	
Metric	Type:
	Note:
Controller Required: #23-931	
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	
0.02°	Resolution (μm):
Electrical	
500	Maximum Operating Current (mA):
Hardware & Interface Connectivity	
Gear Transmission	Type of Drive:
USB-C	Computer Interface:
Threading & Mounting	
(4) M6 x 1.0, (4) M3 x 0.5, (8) M2 x 0.4	Mounting Threads:
Environmental & Durability Factors	
10-40	Operating Temperature (°C):
Regulatory Compliance	
Compliant	RoHS 2015:
Compliant	Reach 224:
View	Certificate of Conformance:

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.