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70mm, Compact Motorized Rotation Stage, Metric



70mm, Compact Motorized Rotation Stage

Stock **#23-929** **1 In Stock**

-

1

+

£780⁰⁰

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Volume Pricing	
Qty 1+	£780.00 each
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Product Downloads

General

Metric	Type:
Controller Required: #23-931	Note:

Stepper Motor	Type of Motor:
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Physical & Mechanical Properties

Type of Movement:

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

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

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 Mtorized 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.