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Rotary Piezo Positioning Stage

Stock **#88-551** CLEARANCE **1 In Stock**

- 1 + **MRP ₹45,401**

Price inclusive of all taxes

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Qty 1+	**₹45,401** each
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General

Type:
Metric

Note:
Use with Piezo Positioning Stage Controller #88-552

Physical & Mechanical Properties

Type of Movement:
Rotary

Guide System:
Ball Bearing

Stage Size (mm):
36.0 x 32.0

Travel (°):
360

Construction:
Aluminum Body, Steel Bearing

Flatness (µm):
5.0

Load Capacity (kg):
1 (Horizontal)

Repeatability (°):
Bi-directional: 0.0044
Uni-directional: 0.013

Resolution (°):
0.0022 Typ. (Open Loop)

Speed (°/s):
6 Max with **#88-552**

Weight (g):
50

Wobble (µrad):
100

Optical Properties

Eccentricity (µm):
5

Wobble (mrad):
±100

Hardware & Interface Connectivity

Type of Drive:
Ultrasonic Motor

Regulatory Compliance

Certificate of Conformance:
View

Country of Origin:
United States

Imported By:
Edmund Optics India Private Limited
267, Greystone Building, Second Floor,
6th Cross Rd, Binnamangala,
Stage 1, Indiranagar, Bengaluru,
Karnataka, India 560038
Phone: +91- 80-6845 0000

Product Details

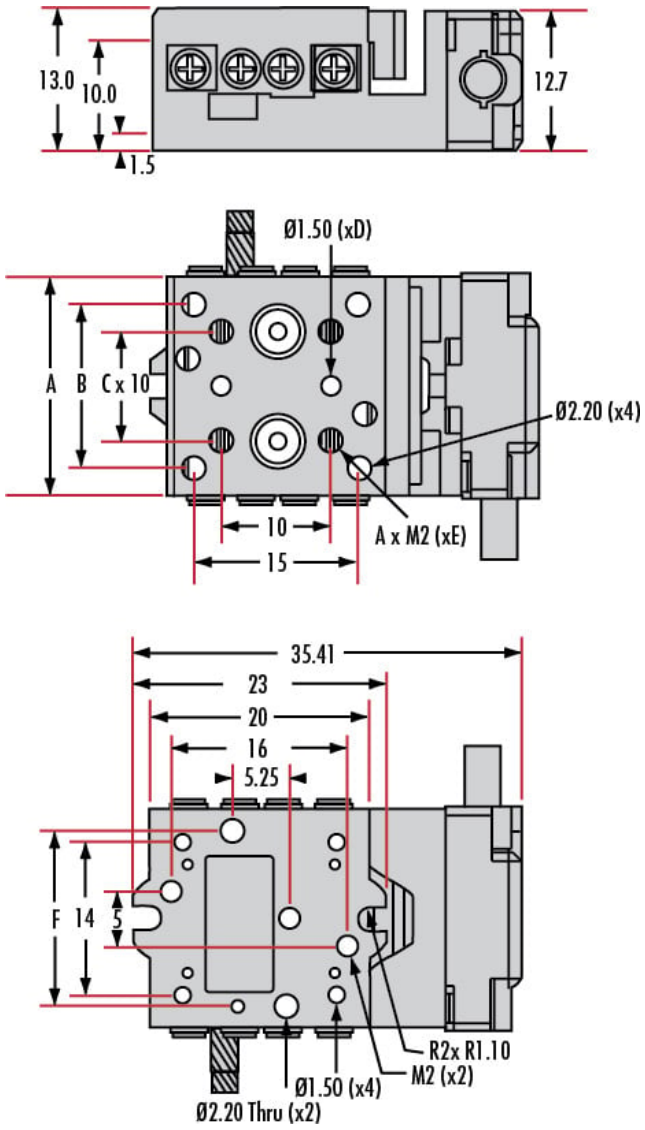
Controller (**#88-552**) required for operation.

- High Precision Piezo Stages
- Stick-Slip Designs
- Ultra-Fine Control

Piezo Positioning Stages utilize piezo-driven motors to achieve sub-micron resolution travel in applications requiring fine positioning. Piezo Positioning Stages feature stick-slip designs that fully expand the piezo element to drive the stage along its axis of travel without sacrificing precision or overall travel range, in addition to embedded encoders to maintain repeatability. The linear positioning stages are capable of moving up to 2mm per second with a total travel of over 51mm. The rotary stage, which utilizes two pre-loaded steel ball bearings, is capable of rotating at over 6° per second over an unlimited travel range and features high blocking force.

Note: Controller (**#88-552**) required for operation.

Technical Information


13.0
10.0
1.5
12.7
Ø1.50 (xD)
A
B
C x 10
Ø2.20 (x4)
A x M2 (xE)
10
15
35.41
23
20
16
5.25
F
14
5
R2x R1.10
M2 (x2)
Ø1.50 (x4)
Ø2.20 Thru (x2)

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