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0.125" Travel, X Axis, Micro Series with Covered Rails (A)



Stock **#56-416** **3 In Stock**

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1

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MRP ₹25,966

Price inclusive of all taxes

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General	
English	Type:
With Covered Rails	Note:
Physical & Mechanical Properties	
Linear (X)	Type of Movement:

Ball Bearing	Guide System:
Center Drive	Drive Orientation:
14.2 x 26.2	Stage Size (mm):
3.1	Travel (mm):
0.125	Travel (inches):
0.155" (3.94mm) thru with 8-32 tap	Center Hole:
Aluminum Body, Stainless Steel Rails	Construction:
0.25	Load Capacity, Normal (kg):
0.56 x 1.03	Stage Size (inches):
1.5	Straight Line Accuracy (µm):
4	Weight (g):

Optical Properties

0.01	Wobble (mrad):
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Hardware & Interface Connectivity

Fine Screw (80 Pitch)	Type of Drive:
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Regulatory Compliance

Compliant	RoHS 2015:
View	Certificate of Conformance:
Compliant	REACH 241:
United States	Country of Origin:
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	Imported By:

Product Details

- Two Mcro Sizes Available
- Versions with Covered Rails
- Three Travel Selections
- X, XY, and XYZ Axis Models

These stages are a dimensional breakthrough and the smallest positioners available today. Positive spring loaded carriage provides precise, smooth motion with no backlash. Straight line accuracy under 2 microns. Features fine 80 TPI lead screw drive. The larger series, Stage Size B, are for longer travel, higher load applications. Fully metric compatible clearance holes. Covered Rail versions are slightly wider, but offer protection for the guide rails. Accessories allow for mounting our precision pinholes for spatial filtering applications. Anodized aluminum construction with stainless rails.

Technical Information

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CH TRAVEL

5/16-24 WITH Ø .275

Side view of the part showing dimensions .200 and .190.

Technical drawing of a rectangular plate. The drawing shows a top view of the plate with a central circular feature. The dimensions are indicated as .518 (width) and .272 (height). The plate has rounded corners and a central circular feature with internal details. A small rectangular feature is attached to the right side of the plate.

Units: inches