0.22" Travel, XYZ Axes, Extended Travel, Micro Series (A)

Stock **#56-421**   **1 In Stock**

-   1   +   **€1.000**⁰⁰

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Volume Pricing	
Qty 1+	**€1.000,00** each
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⬤ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

	Type:
English	
	Note:
Without Covered Rails	

Physical & Mechanical Properties

	Type of Movement:
Linear (X-Y-Z)	

	Guide System:
Ball Bearing	

	Drive Orientation:
Center Drive	

	Stage Size (mm):
11.2 x 26.2	

	Travel (mm):
5.6	

	Travel (inches):
0.22	

	Center Hole:
0.155" (3.9mm) Thru with 8-32 TPI Threaded	

	Construction:
Aluminum Body, Stainless Steel Rails	

	Load Capacity, Normal (kg):
0.25	

	Stage Size (inches):
0.44 x 1.03	

	Straight Line Accuracy (µm):
1.5	

	Weight (g):
7.5	

Optical Properties

	Wobble (mrad):
0.01	

Hardware & Interface Connectivity

	Type of Drive:
Fine Screw (80 Pitch)	

Regulatory Compliance

	RoHS 2015:
Compliant	

	Certificate of Conformance:
View	

	REACH 241:
Compliant	

Product Details

- Two Micro 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

Manual Micro Positioning Stage #56-421

Units: inches