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0.5" Travel, X Axis, Micro Series (B)

Stock **#38-531** **5 In Stock**

- 1 + **C$449.40**

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General

Type:
English

Note:
Without Covered Rails

Physical & Mechanical Properties

Type of Movement:
Linear (X)

Guide System:	Ball Bearing
Drive Orientation:	Center Drive
Stage Size (mm):	16.8 x 44.2
Travel (mm):	12.7
Travel (inches):	0.5
Center Hole:	0.275" (7.0mm) Thru with 5/16-24 TPI Thread
Construction:	Aluminum Body, Stainless Steel Rails
Load Capacity, Normal (kg):	0.34
Stage Size (inches):	0.66 x 1.74
Straight Line Accuracy (µm):	1
Weight (g):	16

Optical Properties

Wobble (mrad):	0.01

Hardware & Interface Connectivity

Type of Drive:	Fine Screw (80 Pitch)

Regulatory Compliance

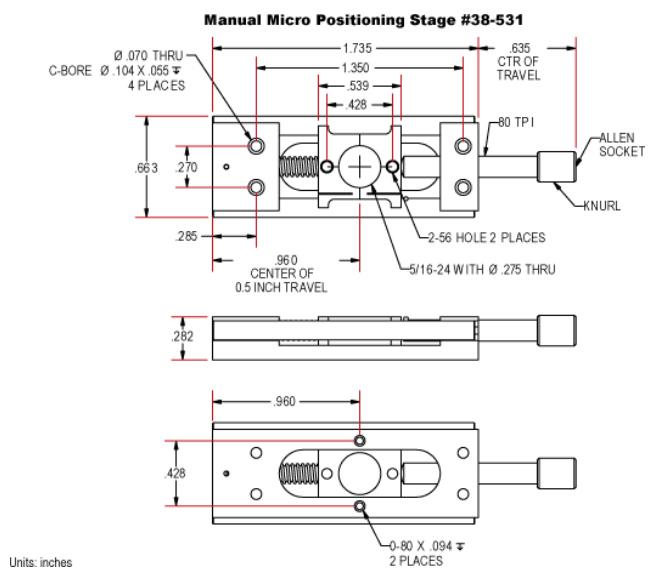
RoHS 2015:	Compliant
Certificate of Conformance:	View
REACH 241:	Compliant

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



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