

13mm Travel, Fine Screw, Thru-Hole Ball Bearing Stage



32mm/1.25" Center drive stage and its X-Y-Z configuration

Stock **#56-356** CLEARANCE CONTACT US

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+

€283²⁰

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Volume Pricing	
Qty 1+	€283,20 each
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Product Downloads

SPECIFICATIONS

General	
Metric	Type:
Thru-Hole	Note:

Physical & Mechanical Properties	
Linear (X)	Type of Movement:
	Guide System:
Ball Bearing	Drive Orientation:
	Stage Size (mm):
Center Drive	Travel (mm):
	Construction:
31.8 x 32.5	Graduation (mm):
	Height (mm):
12.7	Load Capacity, Normal (kg):
	Load Capacity, T _a (kg):
Aluminium Stage	Straight Line Accuracy (µm):
	Weight (kg):
No	Thrust Capacity, T _a (kg):
	Thrust Capacity, T _b (kg):
12.7	
3	
4.5	
2 per 25mm of travel	
0.078	
4.5	
1.4	

Hardware & Interface Connectivity

Fine Screw (64 Pitch)	Type of Drive:

Regulatory Compliance

Compliant	RoHS 2015:
	Certificate of Conformance:
View	

PRODUCT DETAILS

- Preloaded Ball Bearing Design for Low-Friction Linear Adjustment
- Solid-Top and Thru-Hole Versions
- English or Metric Micrometer Drive and Fine Screw Drive Available
- Stackable for 2-Axis or 3-Axis Movement

Metric Ball Bearing Translation Stages with a metric hole patterns on both the top and bottom plates feature a preloaded ball bearing design that provides straight line accuracy of 2µm per 25mm of travel. These stages are available in multiple stage sizes and configurations of drive mechanism, drive orientation, and travel distance, as well as the option of a clearance-thru hole. The Fine Screw (64 Pitch) models provide fine resolution positioning while the English and Metric micrometer models provide a position readout in 0.001inch or 0.01mm graduations. Metric Ball Bearing Translation Stages are designed to reduce friction, allowing smooth linear motion without backlash or sideplay. All stages include screws for creating an X-Y stage and a position lock.

Note: [Adapter Plates](#) and [Z-Axis Brackets](#) are available for breadboard mounting application and X-Y-Z configuration. Brackets include screws for assembling X-Y-Z stages from multiple stages.