See all 5 Products in Family

13mm Travel, Metric Micrometer, Thru-Hole Ball Bearing Stage

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

Stock **#56-355** CONTACT US

- 1 + **€540**.00

ADD TO CART

Volume Pricing	
Qty 1+	**€540,00** each
Need More?	Request Quote

Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:
Metric

Note:
Thru-Hole

Physical & Mechanical Properties

Type of Movement:
Linear (X)

Guide System:

Ball Bearing	
Drive Orientation:	
Center Drive	
Stage Size (mm):	
31.8 x 32.5	
Travel (mm):	
13	
Construction:	
Aluminium Stage	
Graduation (mm):	
0.01	
Height (mm):	
12.7	
Load Capacity, Normal (kg):	
3	
Load Capacity, T_a (kg):	
4.5	
Straight Line Accuracy (µm):	
2 per 25mm of travel	
Weight (kg):	
0.078	
Thrust Capacity, T_a (kg):	
4.5	
Thrust Capacity, T_b (kg):	
1.4	

Hardware & Interface Connectivity

Type of Drive:	
Metric Micrometer	

Regulatory Compliance

RoHS 2015:	
Compliant	
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.

;