

33mm Travel, Large Precision Single Axis Movement

Stock #52-109 **3 In Stock**



1

MRP ₹41,567

Price inclusive of all taxes

ADD TO CART

#52-109

Volume Pricing	
Qty 1-9	₹41,567 each
Qty 10+	₹36,744 each
Need More?	Request Quote

Product Downloads

- STEP:step
- PDF Drawing:pdf
- IGES:igs
- eDrawing:eprt
- EO Spec Sheet
- [Download All](#)

General

Type: English

Note: Not Lockable

Physical & Mechanical Properties

Type of Movement: Linear (X)

Guide System: Dovetail

Stage Size (mm): 25 x 160

Travel (mm): 66 (±33)

Load Capacity (kg): 3.5 Horizontal, 2.1 Vertical

Straight Line Accuracy (µm): 60

Travel Per Knob Rotation (mm): 15

Weight (g): 645

Table Size (mm): 25 x 85

Hardware & Interface Connectivity

Type of Drive: Rack and Pinion

Threading & Mounting

Mounting Threads: Stage: (2) ¼-20
Base: (2) 8-32

Regulatory Compliance

RoHS 2015: **Exempt**

Reach 224: **Contains SVHC(s)**

Certificate of Conformance: [View](#)

Country of Origin: Japan

Imported By: Edmund Optics India Private Limited
267, Greystone Building, Second Floor, 6th Cross Rd,

Product Details

- Multiple Configurations Available
- High Load Capacity
- Ideal for Applications Requiring Long Travel
- Additional **Rack and Pinion Stages** Available

Basic Rack and Pinion Stages are ideal for applications requiring high load capacity or long travel. These stages feature horizontal load capacities of 3.5kg and vertical load capacities of 2.1kg. Each stage offers stage and base mounting holes and features steel construction with brass movement. Basic Rack and Pinion Stages are available in multiple configurations with varying stage sizes. These stages have a Dovetail guide system.

Technical Information

Related Products



Post Holders



English Stainless Steel
Mounting Posts



Thread-to-Thread Adapters



X-Y-Z Positioning Movement

Frequently Purchased Together



#03-682 - 22mm Travel, Small Thick
Base Single Movement
₹19,674

Qty



#36-347 - 40mm Travel, Small
Precision Single Axis Movement
₹27,544

Qty



#43-365 - 5mm Dia., 1mm Thick,
Uncoated, Sapphire Window
₹3,641

Qty



#32-704 - 50mm 50R/50T Cube
Beamsplitter
₹62,048

Qty

Resources

Media Type

- Application Note
- Video
- Glossary

APPLICATION NOTE
Getting Started Using the Cage System...

APPLICATION NOTE
Optical Cage System Design Examples

APPLICATION NOTE
Using C-Mount Components with the Optical Cage...

VIDEO
Four-Rod Insertion Plate

VIDEO
Filter Holder Plate and Interchangeable Filter Holder

VIDEO
Introduction to the TECHSPEC Optical Cage System

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