30mm Travel, X-Axis Rack & Pinion Stage

X-Axis Metric Stages

Stock **#56-337**   **14 In Stock**

⊖ 1 ⊕   €289.⁰⁰

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Volume Pricing	
Qty 1-9	**€289,00** each
Qty 10+	**€256,00** each
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⬤ Prices shown are exclusive of VAT/local taxes

Product Downloads

General

Type:	
Metric	
Note:	
With locking lever	

Physical & Mechanical Properties

Type of Movement:	
Linear (X)	

	Guide System:
Dovetail	

	Stage Size (mm):
60 x 34	

	Travel (mm):
30 (±15)	

	Center Hole:
None	

	Construction:
Rack and Pinion: Brass Stage: Aluminum	

	Load Capacity (kg):
7.5	

	Travel Per Knob Rotation (mm):
20	

	Weight (kg):
0.25	

	Resolution (mm):
0.1	

Hardware & Interface Connectivity

	Type of Drive:
Rack and Pinion	

Threading & Mounting

	Mounting Threads:
(6) M4 x 0.7	

Regulatory Compliance

	RoHS 2015:
Exempt	

	Certificate of Conformance:
View	

	Reach 247:
Contains SVHC(s)	

Product Details

Use 120mm x 70mm Metric Base Plate (#54-977) to connect Rack and Pinion Stages to breadboards. Z Axis Right Angle Brackets are available for use with stages that support Z axis translation.

- Aluminum Stage with Brass Rack and Pinion
- 20mm Travel per Knob Rotation
- Scale Features 1mm Increments with Locking Lever
- Basic Rack and Pinion Stages Also Available

Rack and Pinion Stages are ideal for a wide range of applications requiring high load capacity, accuracy, and long travel distances. The knob provides coarse positioning adjustment with 20mm of travel per rotation and can be locked in place with the locking lever. These stages feature a Vernier scale with a resolution of 1mm for accurate and repeatable adjustments. Rack and Pinion Stages are available in a variety of translation axes, including Linear (X), Linear (X-Y), Linear (X-Z), Linear (X-Y-Z), and Linear (Z).

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Technical Information