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Find the *Newport 423* at our website: ***Click HERE***



High-Performance Low-Profile Ball Bearing Linear Stage, 1.0 in., 1/4-20

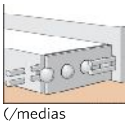
MODEL: 423

$255.00 **In Stock**

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Description

The 423 linear translation stage with its large 3 in. square platform features exceptional performance, usability, and value with precision ball bearing construction – hardened balls rolling between opposing pairs of hardened and polished stainless steel rods providing better than 200 microradian angular deviation. For stability, repeatability, and exceptionally smooth motion, actuators bear upon a hardened carbide insert. Springs provide preload against the actuator tip to eliminate backlash. Although the stage is capable of traveling a full 1 in. (25.4 mm) with the SM-25 micrometer drive, the actuator mounting blocks can be relocated to accommodate 0.5 in. (12.7 mm) drives like the SM-13. This stage can also be reconfigured into a left-handed version with the micrometer on the opposite side. A non-influencing lock (also reversible for left-handed configuration) provides positive stable positioning and guards against inadvertent adjustments. Actuators for this stage are sold separately.



(/f/423-extended-range-ball-bearing-linear-stages)

Product Series Overview

423 Extended Range Ball Bearing Linear Stages (/f/423-extended-range-ball-bearing-linear-stages)

Technical Specs

Axes of Travel	X	**Material**	Aluminum
Maximum Stage Travel	25 mm	**Bearings**	Ball Bearings
Thread Type	1/4-20	**Drive Location**	Side drive
Recommended Actuators	Sold Separately	**Vertical Load Capacity**	67 N
Load Capacity	156 N		
Angular Deviation	<200 µrad		

Resources & Downloads

2D / 3D CAD Software

Download CAD Files

Drawings And Cad

423-1-DWG-S (/medias/sys_master/images/images/h20/hf0 /8933895700510/423-1-DWG-S.pdf) (102.8 kB, PDF)

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