

[All Products](#) / [Optomechanics](#) / [Motorized Translation Stages](#) / [Motorized Linear Stages](#)

Zaber™ Vertical Translation Stage See More by [Zaber™](#)



- Compatible With [Zaber™ High Precision Motorized Stages](#) in XYZ Configurations
- 20mm of Travel with Up to 48mm/s Speed
- 10kg Load Capacity, 20kg Peak Thrust
- Power Supply and Data Cable Sold as Separate Accessories
- Available with Integrated, 500 Counts per Revolution (CPR) Motor Mounted Encoder

Common Specifications

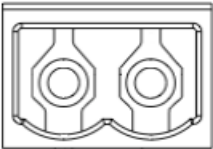
General					
Manual Control:		Yes	Type of Motor:	2-Phase Stepper	
Physical & Mechanical Properties					
Type of Movement:		Linear (Z)	Guide System:		Ball Bearing
Stage Size (mm):		64 x 64	Travel (mm):		20
Accuracy (μm):		50, Unidirectional	Backlash (μm):		< 35
Height (mm):		55 Retracted, 75 Extended	Load Capacity (kg):		10
Load Capacity (N):		100 (Centered Load)	Repeatability (μm):		<1
Speed (mm/s):		Max: 48	Thrust (N):		200 (Peak)
Weight (kg):		0.57			
Optical Properties					
Resolution (μm):		0.09525			
Electrical					
Current (mA):		1500			
Hardware & Interface Connectivity					
Type of Drive:		Stepping Motor			
Environmental & Durability Factors					
Operating Temperature (°C):		0 to 50			

Technical Information

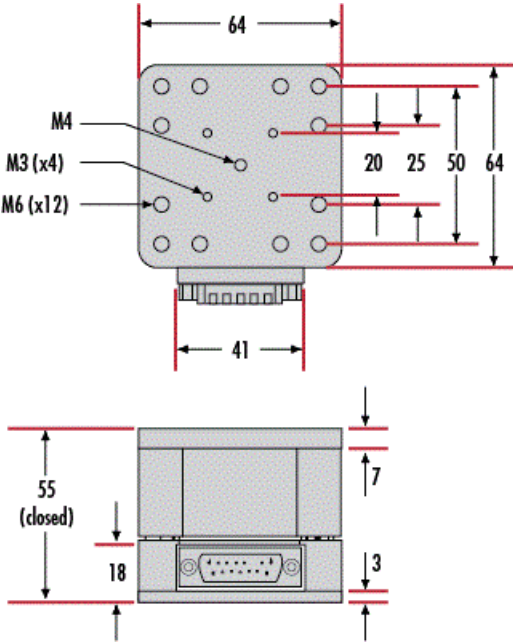
Device Overview / Connectors

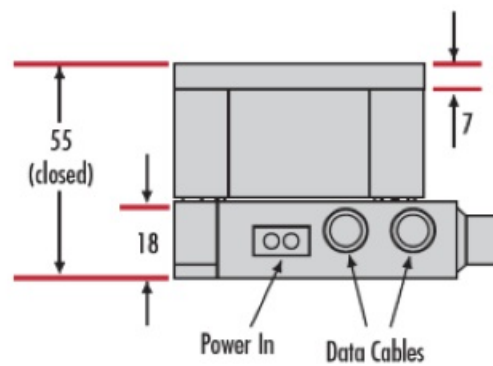
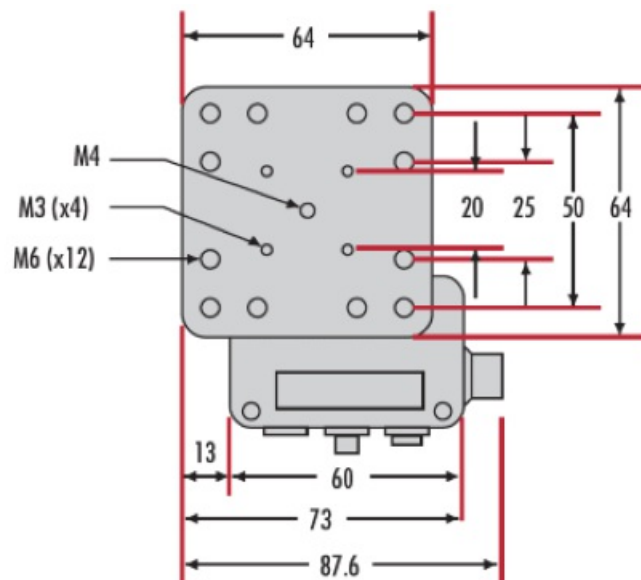
Images are shown looking into the device.

Power

	Pin	Description
	1	24 - 48 V
	2	GND (Note: power supplies ground this pin to AC Earth)

Note: To prevent damage to the device due to static buildup, the device should be properly grounded. The power supplies for X-Series devices are non-isolated and thus ground the device chassis to Earth via the negative terminal of the power supply. If for any reason you are using an isolated power supply, please ensure your device is grounded by connecting the negative terminal of the power connector to AC Earth.





Units: mm

Products

Stage Size (mm)	Type	Travel (mm)	Encoder	Stock Number	Price	Buy
64 x 64	Metric	20	Yes	#25-044	€2.965,00	In Stock
64 x 64	Metric	20	-	#15-292	€2.640,00	In Stock



Copyright 2023 | Edmund Optics, Ltd Unit 1, Opus Avenue, Nether Poppleton, York, YO26 6BL, UK
Phone: 1-800-363-1992 :
www.edmundoptics.com