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Precision XY Optic Positioner, BM Micrometers

MODEL: SB18YZBM

Overview

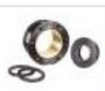
The SB18YZBM Optic Mount precisely positions any optical element in a plane perpendicular to the optical axis, and is a very popular choice for positioning in spatial filters. The mount accepts any M20.25 RMS-threaded pinhole, microscope objective or lens. XY travel is ±2 mm. A BM Micrometer drives deliver 1 µm sensitivity. Mounted on a CN26 carrier, SB18YZ mounts have a 40 mm axis height for compatibility with the X26 component family. For table mounting, SB18YZ mounts include a base plate similar to those found on our SL Series mounts.

Technical Specs

Use	Microscope objectives & pinholes
Adjustments	XY
Adjustment Type	BM Series Micrometers
Sensitivity	1 µm
Type	Objective Lens Mount
Travel, X	±2 mm
Travel, Y	±2 mm

Related Products

Accessories

Compare		Description	Drawings, CAD & Specs
☐		LP-1A-XYZ XYZ Lens Positioner, 1.0 in. (25.4 mm) Diameter	
☐		LP-05A-XY XY Lens Positioner, 0.5 in. (12.7 mm) Diameter	
☐		LFM-1A Lens Focusing Mount, 5 mm Travel, 35 mm Max Optic, 80 TPI	
☐		LPV-1 XYZ θXθY Compact Lens Positioners, 1.0 in. Diameter	
☐		SW-OM Compact Spanner Wrench, 6.35 to 50.8 mm Diameter Optics	

Similar

Compare		Description	Drawings, CAD & Specs
☐		LP-1A-XY XY Lens Positioner, 1.0 in. (25.4 mm) Diameter	
☐		LA1V-XY XY Compact Lens Positioner, 1.0 in. Diameter	
☐		SB18YZBHC Precision XY Optic Positioner, BHC Lockable Adjustment Screws	
☐		LP-1A XYZ θXθY Lens Positioner, 1.0 in. Diameter	
☐		SB18YZN Precision XY Optic Positioner, Actuators Not Included	

Compatible

Compare		Description	Drawings, CAD & Specs
☐		B20-RMS Lens Focusing Barrel, 20 mm, 5 mm Travel, M20.25 RMS Thread	
☐		B12.7 Lens Mount Barrel, X26 Rail Mounts, 12.7 mm, M20.25 RMS	
☐		LT10-RMS-N RMS Thread Adaptor, 1 inch LT Series Lens Tubes	
☐		PL15 Laser Beam Dump, 30 W/cm2 Max Power Density, RMS Thread	
☐		PZA12 NanoPZ Ultra-High Resolution Actuator, 12.5mm Travel	
☐		LTA-HS High Speed Motorized Actuator, 50 mm Travel, 3/8-40 Thread	

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