

13mm Travel 3-Axis RollerBlok™ Integral Bearing Stages

Features

- Cross Roller Bearing Design
- High Load Capacity (9.7lbs vertical load)
- Hardened Steel Construction on all Wear Surfaces for Excellent Long Term Stability
- Extensive Line of Accessories
- Compact Modular Design
- Available in Left or Right Handed Version Moveable Top Plate 62.5mm Deck Height ± 6.5 mm of Travel, in XYZ

Model	Description
RB13L/M	RollerBlock 3-Axis Bearing Stage, Left-Handed
RB13D/M	RollerBlock 3-Axis Bearing Stage, Differential Micrometers
RB13M/M	RollerBlock/Micrometer (RH) Metric
RB13MP/M	RollerBlock/PZT Mic (RH) Metric
RB13S/M	RollerBlock/Stepper Drive(RH) Metric
RB13P1	1/4"-20(M6) and #8-32(M4) adapter plate



Option

- RB13D/M with differential micrometers : 13mm coarse & 300 μ m fine control that offers 0.05 μ m resolution
- RB13MP/M with piezoelectric assisted micrometer with feedback : 13mm micrometer & 30 μ m piezoelectric displacement that offers 60nm resolution
- RB13M/M with simple micrometer drives : 13mm of travel with 2 μ m resolution
- RB13S/M with stepper motor drives : 13mm of travel with 40nm resolution

1/2" (13mm) Travel Translation Stages

Features

- 150 μ rad Angular Deviation
- < 2mrad Orthogonality (with alignment pins)
- Precision Hardened steel V-Groove design
- 90 lbs. Horizontal Load Capacity
- 20 lbs. Vertical Load Capacity
- Field Configurable, Right or Left Handedness

Model	Description
MT1/M	13mm Translation stage with micrometers
MT3/M	13mm XYZ translation stage with micrometers

