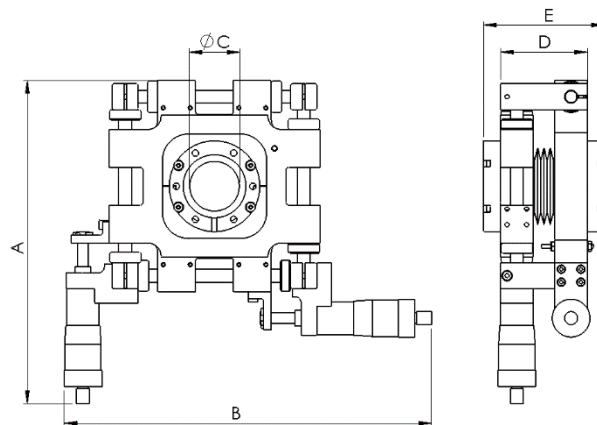


Linear Motion Feedthroughs

XY Stage

- Welded Bellows Seal with SS 316
- Manual/Motorized Actuator
- UHV Compatible Material
- Working Pressure: 10^{-11} mbar to 1 bar
- Micrometer with 10um Resolution
- Bakeable to 150°C
- Tapped Flanges on Both Sides
- Clear Bore >38mm
- Adjustments:
 - XY Movement: up to +/- 12.5mm



Dimensions of LTM Translators, other details or 3D models on request

Flange (OD)		XY Movement	A	B	C	D	E	Weight (Kg)	Part Number
mm	inch	mm							
70	2.75	±7	239	272	38	67	93	3.9	XY275
		±10	239	272	38	67	93	3.9	XY275-W*

The XY stage is one easy option for users who requires precise motion, true UHV performance, and rugged construction which allows mounting in any orientation.

The XY Stage includes two parallel flanges. One remains fixed while the other provides the movement. A high quality, edge welded bellows allows the flanges to accommodate the required motion while ensuring an all-metal vacuum enclosure. The device works by adjusting the position of the traveling flange in relation to the fixed system mounting flange. Positioning of the traveling flange is controlled through two micrometer drive with 10um resolution.

*XY275-W Shares the same frame but with more flexible bellow to achieve more movement