

# Linear Motion Feedthroughs

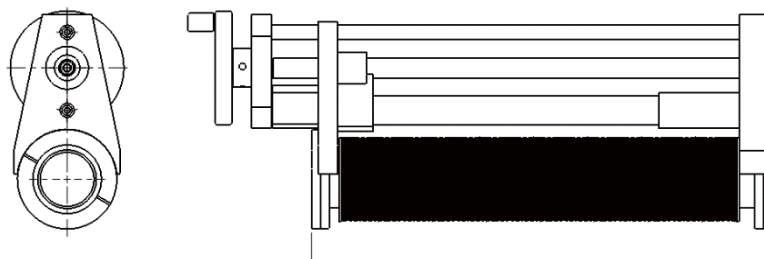
## Linear Translator

- Welded Bellows Seal with SS 316
- Manual/Motorized Actuator
- UHV Compatible Material
- Working Pressure:  $10^{-11}$  mbar to 1 bar
- Etched Scale in 1mm Increments
- Bakeable to 200°C
- Tapped Flanges on Both Sides
- Standard CF Mounting Flange\*
- Stroke\*:
  - NW16CF: 25 mm
  - NW38CF: 50/75/100/150/200 mm
  - NW63CF: 50/75mm



\*Fermi Instruments also offered linear translators with customized flanges and stroke.

Photo Gallery of LTM38 and LTM16



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

Flange OD		Stroke (mm)	A Extended	A Compressed	Clear Bore	Weight (Kg)	Part Number
mm	inch		mm				
34	1.33	25	60	35	14	0.5	LTM16-25M
70	2.75	50	119	69	38	2.4	LTM38-50M
		75	162	87		2.5	LTM38-75M
		100	189	89		2.6	LTM38-100M
		150	255	105		2.9	LTM38-150M
		200	325	125		3.4	LTM38-200M
114	4.5	50	160	110	70	6.2	LTM63-50M
		75	185	110		9.0	LTM63-75M

This compact linear translator covers different flange size and travel length and could be either manual or motor driven. This offers samples or probes to be inserted with high accuracy and stability into a UHV environment. Standard version comes with manual actuator and please consult our sales or distributors for motorized option.