

Bellow Sealed Rotary Feedthrough



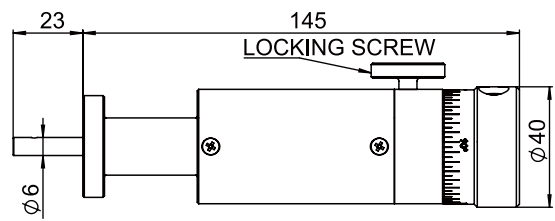
These rotary motion feedthroughs are low backlash instruments with a display resolution of 0.1°. Welded stainless steel bellows, a unique off-axis wobble design and the use of rotary shaft bearing support provide long life and smooth operation. Feedthroughs are available on CF flange.

Motorization option is available, motor controls must be purchased separately.

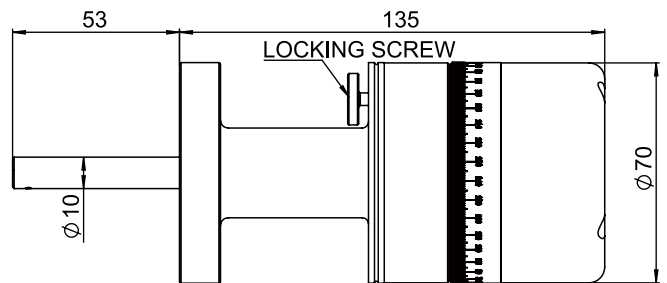
These feedthroughs are designed for high-precision applications such as Sample Manipulation, the shaft length could be customized to fit the end user's request.

Specification

- ✔ Manual/ Step Motor Actuator
- ✔ UHV Rated to 10^{-11} mbar
- ✔ Bakeable to 150°C
- ✔ Backlash < 0.1° (with Step Motor)
- ✔ Resolution < 0.1° (with Step Motor)
- ✔ Max Rotating Speed: 30RPM
- ✔ Laser Etched Scale in 1° Increments



BRD16



BRD38

Flange OD		Actuation	Resolution	Weight (kg)	Part Number
mm	inch				
34	1.33	Manual	1°	0.5	BRD16
		Step Motor	0.2°	1.1	BRD16M
70	2.75	Manual	1°	1.3	BRD38