

Magnetic Coupled Rotary Feedthrough



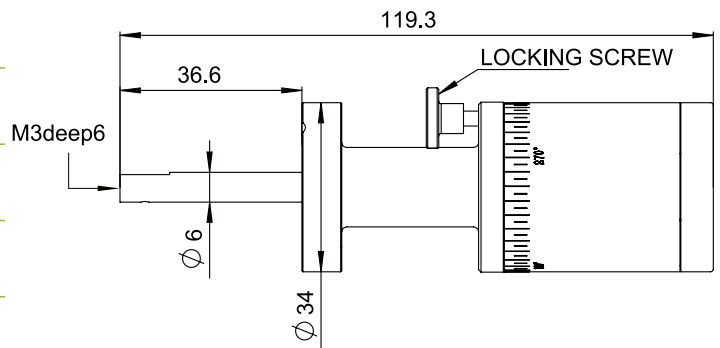
Magnetic coupled rotary motion feedthroughs provide basic rotation and UHV compatibility without the use of bellows.

This is a practical and economical solution for rotary motion in most vacuum applications. Rotary motion position is measured along a 360° laser etched scale graduated in 5° increments.

These Rotary feedthroughs are suitable for applications such as shutter and sample parking stage.

Specification

- ✔ Magnetic Coupling
- ✔ UHV Rated to 10^{-11} mbar
- ✔ Bakeable to 150°C
- ✔ Axial Load: 0.4N·m
- ✔ Material: SS316/ NdFeB Magnet
- ✔ 6mm Shaft with Tapped Hole
- ✔ Laser Etched Scale in 5° Increments



Flange OD		Actuation	Resolution	Rotary	Weight (kg)	Part Number
mm	inch					
34	1.33	Manual	1°	90°	0.4	MRD16S
		Pneumatic			0.5	MRD16SP
		Manual		Continuous	0.4	MRD16C
		Step Motor			1.0	MRD16M