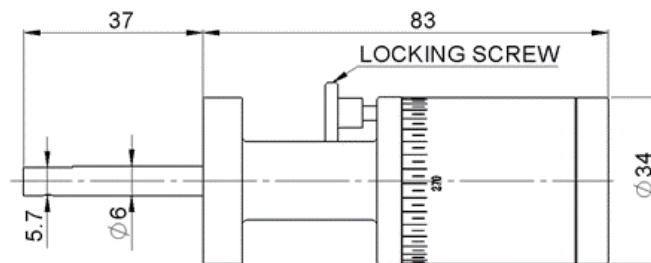


Rotary Motion Feedthroughs

Magnetic Coupled Rotary Feedthrough

- Continuous/90° Rotary Motion
- Manual/Pneumatic Actuator
- Magnetic Coupling
- Laser Etched Scale in 5° Increments
- Bakeable to 150°C
- Breakaway torque: 0.4 N·m
- Material: SS 316 / NdFeB Magnet
- 6mm Shaft with Tapping Hole
- Low Weight Design
 - Manual Actuator: ~0.4Kg
 - Pneumatic Actuator: ~0.5Kg
- NW16CF Mounting Flange
- UHV Rated to 10⁻¹¹ mbar
- Life Time: 1,300,000 revolutions



Dimensions of MRD16, details or 3D models on request

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

Magnetically 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.