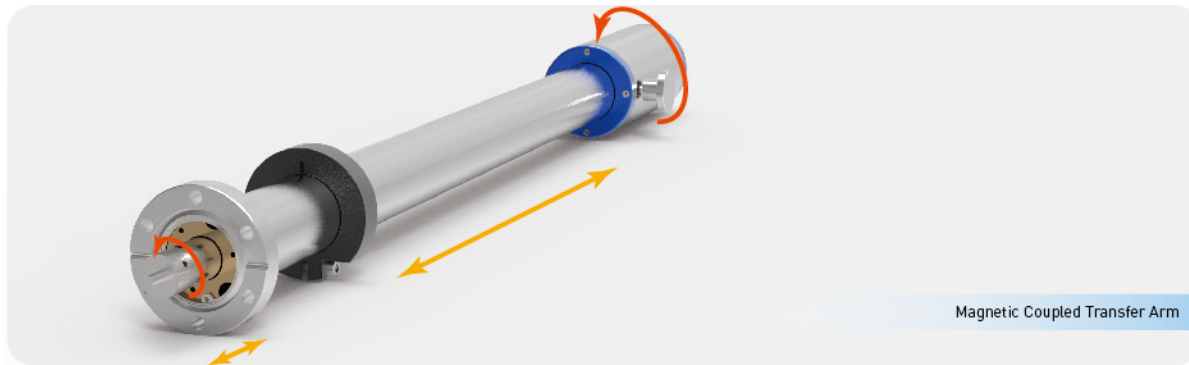


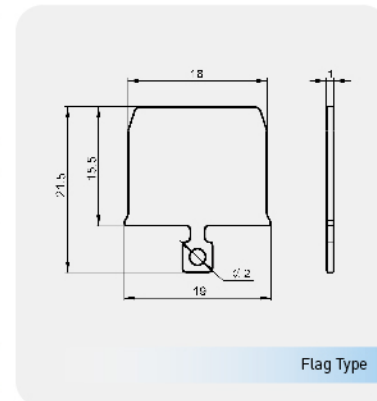
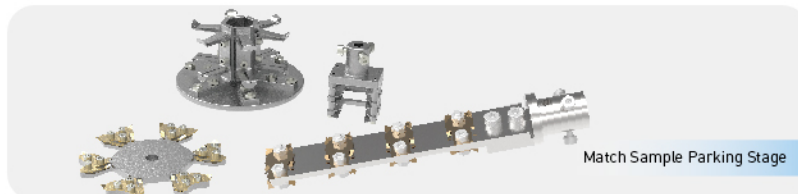
4.1 Magnetic Coupled Transfer Arm

Overview

The Magnetic Coupled Transfer Arm Constructed with a fully enclosed welded structure, it is driven by inner and outer magnetic coupling to achieve extension and rotation movements in an ultra-high vacuum environment.



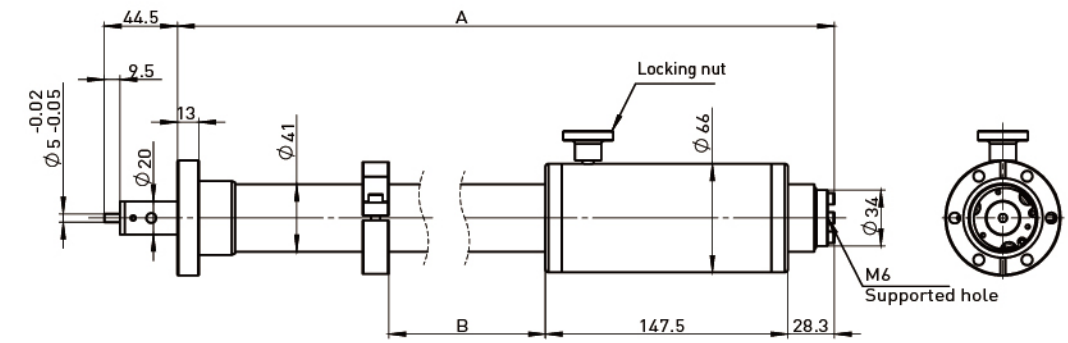
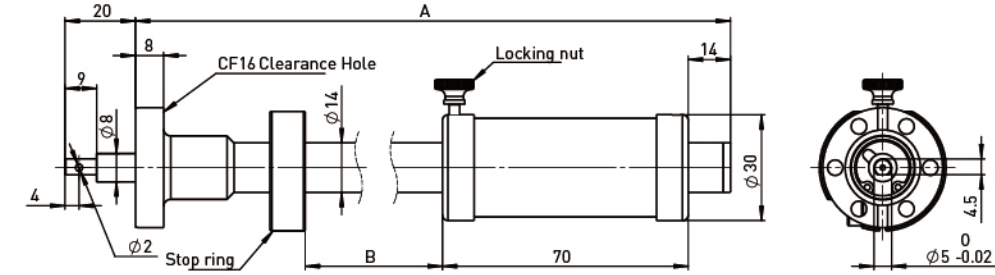
Matching



Features

- Magnetic coupled
- High torque
- Suitable for 10⁻¹¹ mbar ultra-high vacuum environment
- Can be installed in any direction
- Baking temperature: 150°C
- Lockable position
- Material: Ultra-high vacuum compatible material
- Acceptable customization

Specifications



Parameters

| Product | Magnetic Coupled Transfer Arm | | | | | |
|----------------------------------|-------------------------------|------------|------------|------------|------------|------------|
| Mounting flange | CF16 | | | CF35 | | |
| Flange OD | mm | 34 | | | 70 | |
| | inch | 1.33 | | | 2.75 | |
| Magnetic Rotary Breakaway Torque | 0.8N·m | | | 4.3N·m | | |
| Maximum Axial Load | 40N | | | 80N | | |
| B Stroke (mm) | 150 | 250 | 350 | 450 | 600 | 900 |
| A Total length (mm) | 280 | 380 | 480 | 754 | 904 | 1204 |
| Weight (kg) | 0.5 | 0.6 | 0.7 | 2.9 | 3.2 | 3.7 |
| Model number | MTA16L150 | MTA16L250 | MTA16L350 | MTA35L450 | MTA35L600 | MTA35L900 |
| Order code | 3043100001 | 3043100002 | 3043100003 | 3043000001 | 3043000002 | 3043000003 |