

TM233 MAGNETIC ROTARY DRIVE

- BAKEABLE TO 300°C
- UNIQUE MAGNETIC FEATURE
- ZERO BACKLASH
- LONG LIFE



VACUO magnetic rotary drives are designed to use in ultra high vacuum (UHV).

These magnetic-drive feedthroughs have solved the problems of vulnerable bellows or dynamic seals, providing an intrinsically safe solution for the life of rotation in UHV.

The unique design of magnetic coupling circuit has evolved the range of rotary feedthroughs over the last decade.

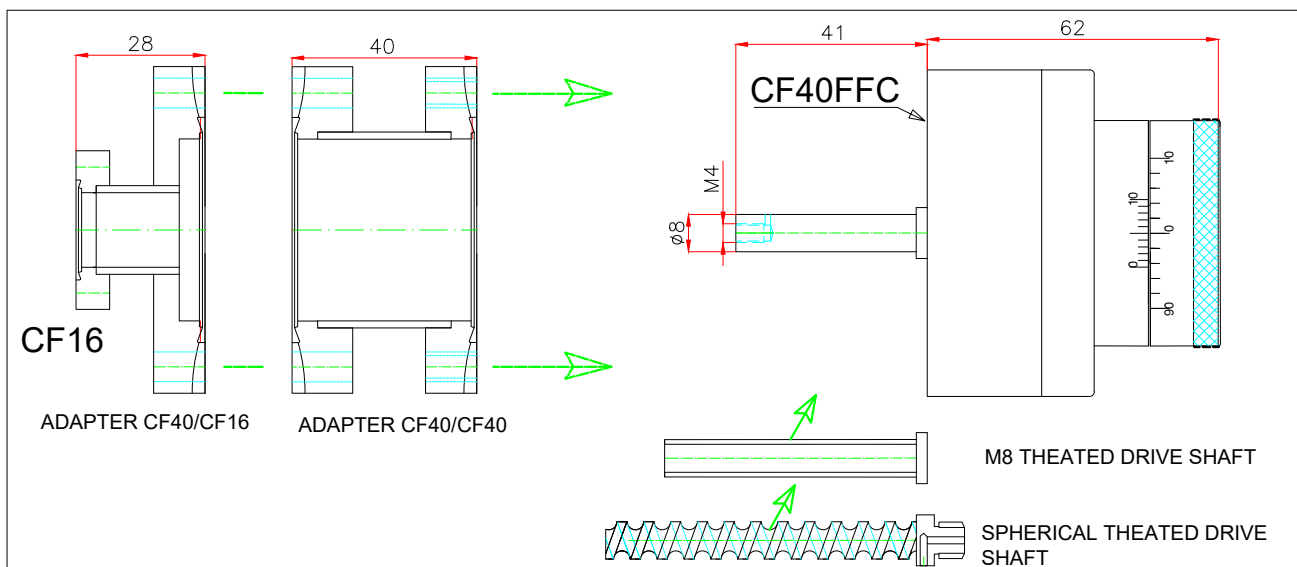
With the application of the new magnetic materials the torque level has been increased together the bake out

temperature : so the high torque to designed size ratios are the result of a unique magnetic coupling , which focuses the multiple magnetic fields.

In this way any stray magnetic flowlines are reduced below the earth's field ,allowing the use with sensible applications as XPS and UPS.

| Model | OD mounting CF flange | Type of operation | Resolution | Max speed rpm | Torque Nm | | Axial Thrust N | Code |
|-------|-----------------------|-------------------|------------|---------------|-----------|------|----------------|--------|
| | | | | | 150RPM | 5RPM | | |
| M34 | 70 mm | manual | 0.5 | 200 | 1.0 | 1.0 | 20 | TM 233 |
| M34M | 70 mm | DC motorised | 0.01° | 200 | 0.2 | 1.0 | 20 | |
| M34S | 70 mm | stepper motorised | 0.01° | 200 | 0.2 | 1.0 | 20 | |

Dimensions in mm



Threated blind hole CF40 flange is the standard version ; adapter nipple are available.
Special Drive shaft on request.