



# Magnetically coupled rotary feedthrough, manual, DN 16 CF

---



**PFEIFFER** 

# Rotary feedthrough



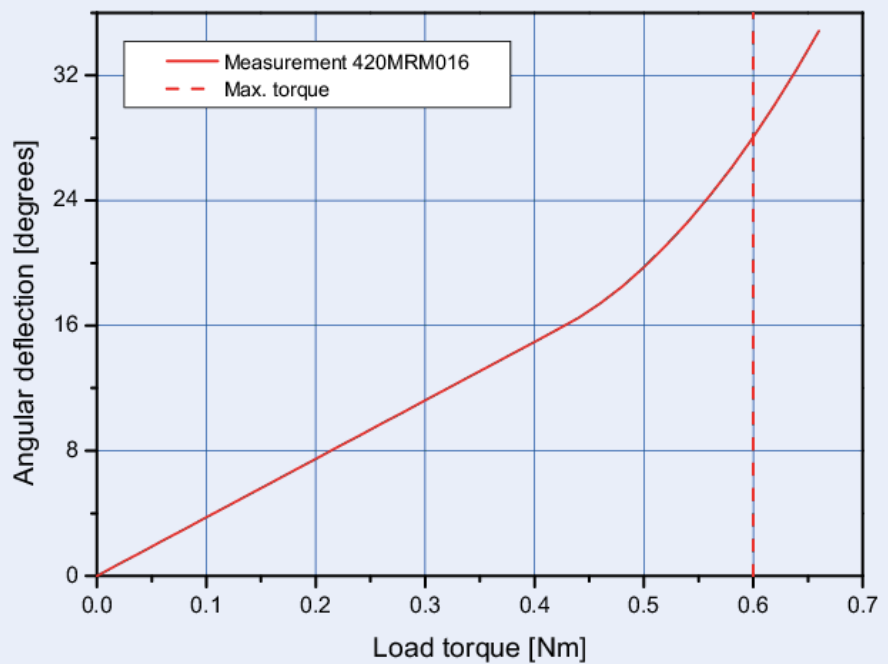
Illustration only

## Magnetically coupled rotary feedthrough, manual, DN 16 CF

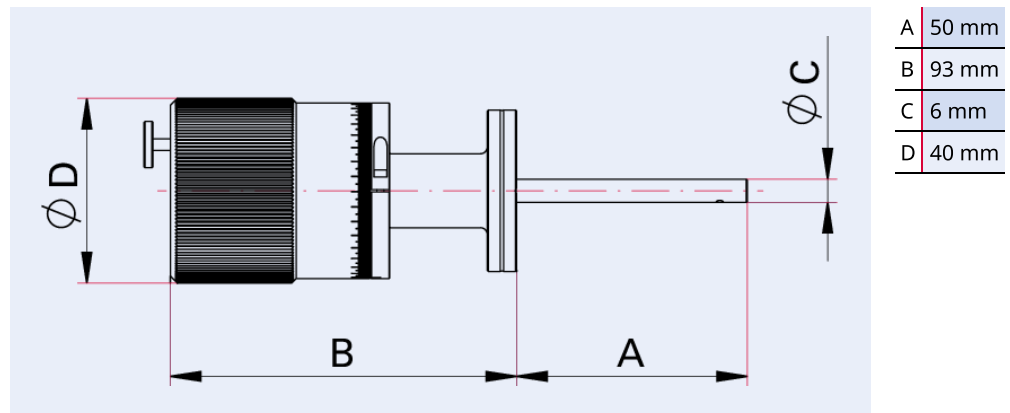
- Shaft connection with threaded hole (vented)
- Magnetic coupling with samarium-cobalt magnets
- Stainless steel ball bearing with dry lubrication suitable for UHV
- Hermetically sealed, suitable for UHV
- Fixing brake

## Characteristics

Angular deflection between external rotor motor and shaft due to loads against rotating direction



## Dimensions



Technical Data	Magnetically coupled rotary feedthrough, manual, DN 16 CF
Max. load vertical to axis (at end of shaft)	80 N
Scale	(DN 40) Accuracy of reading 1/10°
Thread	M 3
Angle of rotation	360°
Ambient temperature	10 – 50 °C
Operating temperature	≤ 60 °C
Actuator	Manual
Tightness	1 · 10 <sup>-11</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-11</sup> Torr l/s   1 · 10 <sup>-10</sup> mbar l/s
Thread depth	6 mm   0.24 inch
Axial force	≤ 75 N
Shaft connection	With threaded hole, vented: DN 16: M3 x 6   DN 40: M5 x 10
Connection flange	DN 16 CF
Torque	0.6 N m
Pressure range	1 · 10 <sup>-10</sup> hPa – 5 · 10 <sup>2</sup> hPa over pressure

Order number	Magnetically coupled rotary feedthrough, manual, DN 16 CF
Magnetically coupled rotary feedthrough, manual, DN 16 CF	420MRM016

Are you looking for an optimum vacuum solution?  
Talk to us:  
**Pfeiffer Vacuum Components & Solutions GmbH Germany**  
**T +49 551 99963-0**  
**info-cs@pfeiffer-vacuum.com**

Or scan the barcode, to visit our web page:



<https://webportal.pfeiffer-vacuum.com/global/en/contact>



Errors and/or changes excepted. - 5/14/2025

Follow Us On Social Media  
#pfeiffervacuum



[www.pfeiffer-vacuum.com](http://www.pfeiffer-vacuum.com)

**PFEIFFER** 