



Bellows-sealed rotary feedthrough, manual, DN 16 CF



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Rotary feedthrough

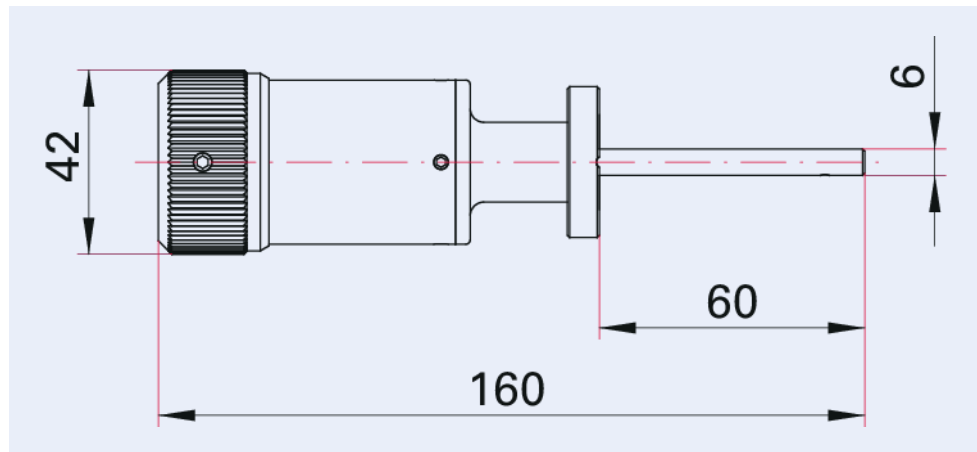


Illustration only

Bellows-sealed rotary feedthrough, manual, DN 16 CF

- Shaft connection with threaded hole (vented)
- Hermetically sealed, suitable for UHV
- Bellows-sealed
- Stainless steel ball bearing with dry lubrication suitable for UHV
- The connection between actuator and shaft connection is not rigid. Depending on the torque, deviations of up to 5° can occur

Dimensions



Technical Data	Bellows-sealed rotary feedthrough, manual, DN 16 CF
Feedthrough	Bellows
Materials in contact with media	Stainless steel
Thread	M 3
Operating temperature	≤ 80 °C
Mounting orientation	Arbitrary
Mode of operation	Operating handle with snap-in stages in 10° increments
Actuator	Handwheel
Service life (in revolutions)	500,000
Tightness	$<1 \cdot 10^{-11}$ Pa m ³ /s $<7.5 \cdot 10^{-11}$ Torr l/s $<1 \cdot 10^{-10}$ mbar l/s
Thread depth	10 mm 0.39 inch
Weight approx.	0.55 kg 1.21 lb
Shaft load, radial	20 N
Shaft load, axial	10 N
Shaft connection	ø 6 mm
Connection flange	DN 16 CF
Pressure range	$1 \cdot 10^{-9}$ hPa – $5 \cdot 10^2$ hPa over pressure
Transferable torque dynamic	0.2 N m
Transferable torque static	0.1 N m

Order number	Bellows-sealed rotary feedthrough, manual, DN 16 CF
Bellows-sealed rotary feedthrough, manual, DN 16 CF	420MRB016

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