



Magnetically coupled rotary/linear feedthrough, DN 40 CF



PFEIFFER 

Rotary/linear feedthrough

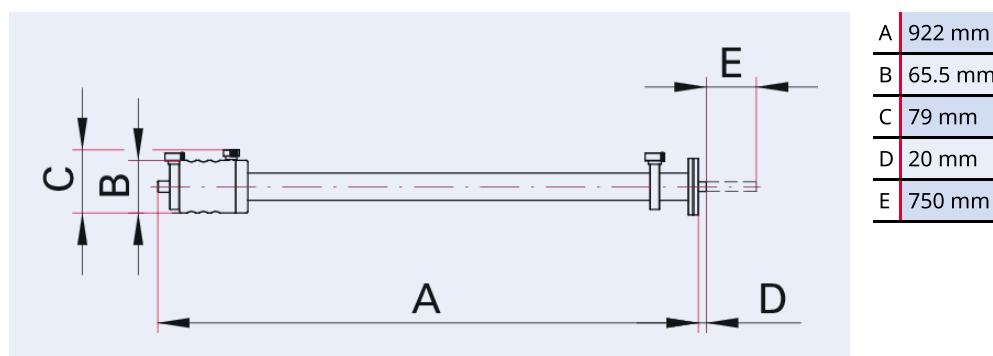


Illustration only

Magnetically coupled rotary/linear feedthrough, DN 40 CF

- Stainless steel ball bearing for linear and rotational movement with dry lubrication suitable for UHV
- Magnetic coupling with samarium-cobalt magnets
- Hermetically sealed, suitable for UHV
- Shaft made from hardened stainless steel, diameter 12 mm (tolerance h6)
- Freely rotatable and slidable
- Adjustable stroke limiting stops

Dimensions



Technical Data

Magnetically coupled rotary/linear feedthrough, DN 40 CF

Transferred torque	2.3 N m
Tightness	$<1 \cdot 10^{-11}$ Pa m ³ /s $<7.5 \cdot 10^{-11}$ Torr l/s $<1 \cdot 10^{-10}$ mbar l/s
Stroke	750 mm 29.527575 inch
Shaft load, axial	50 N
Shaft connection	With threaded hole, vented: M6 x 15
Connection flange	DN 40 CF
Pressure range	$1 \cdot 10^{-10}$ hPa – $5 \cdot 10^2$ hPa over pressure

Order number	Magnetically coupled rotary/linear feedthrough, DN 40 CF
Magnetically coupled rotary/linear feedthrough, DN 40 CF	420MDM040-0750

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

PFEIFFER 