



A photograph of a large, modern industrial building at dusk. The building features a complex design with multiple levels, large windows, and a prominent entrance area. It is illuminated by several bright spotlights, creating a high-contrast scene against the dark blue sky. The foreground shows a paved area and some low-lying structures.



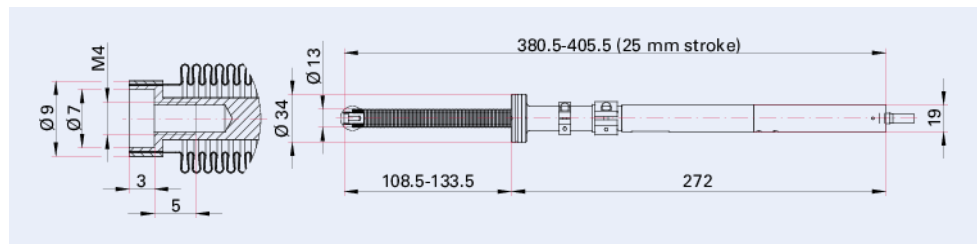


Illustration only

Bellows-sealed precision linear feedthrough, 25 mm stroke, motorized, DN 16 CF

- Hermetically sealed, suitable for UHV
- Bellows-sealed
- For motorized fine positioning of components in the vacuum
- Easy bake-out with comfortable motor disassembly and position fixing device

Dimensions



Technical Data	Bellows-sealed precision linear feedthrough, 25 mm stroke, motorized, DN 16 CF
Motor type	2-ph stepping motor
Maximum load torque at bellows	0.2 N m
Bakeout temperature without electric parts	200 °C
Bakeout temperature with electric parts	70 °C
Operating temperature	≤ 65 °C
Precision	3 µm
Fastening	Screws M4 x 5 (on actuator)
Stroke	25 mm 0.9842525 inch
Bakeout temperature without electric parts	200 °C 392 °F 473.15 K
Bakeout temperature with electric parts	70 °C 158 °F 343.15 K
Axial force	≤45 N
Resolution	0.1 µm
Connection flange	DN 16 CF
Pressure range	$1 \cdot 10^{-9}$ hPa – $5 \cdot 10^2$ hPa over pressure

Order number	Bellows-sealed precision linear feedthrough, 25 mm stroke, motorized, DN 16 CF
Bellows-sealed precision linear feedthrough, 25 mm stroke, motorized, DN 16 CF	420MZF016-025-m

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Pfeiffer Vacuum Components & Solutions GmbH Germany
T +49 551 99963-0
info-cs@pfeiffer-vacuum.com

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