



**UHV angle valve,
DN 16 CF, manual,
SS/Cu/FKM, "A"-dim. 38
mm**



PFEIFFER ➤

UHV angle valve



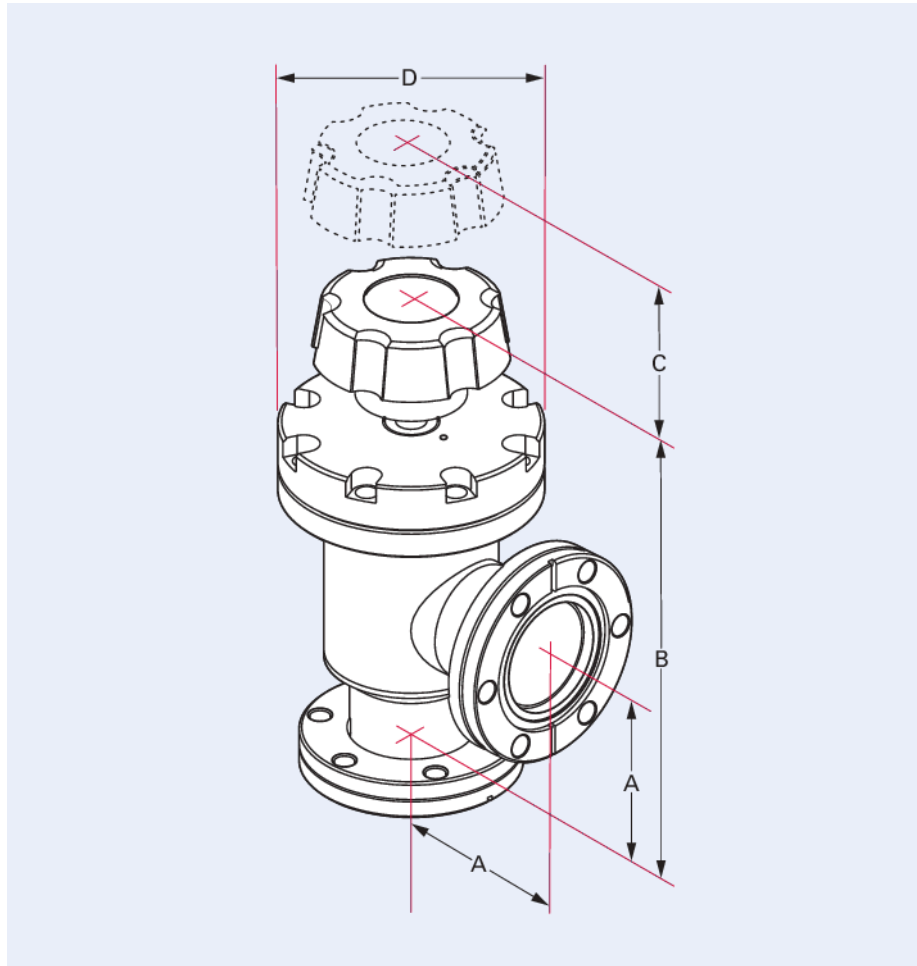
Illustration only

UHV angle valve, DN 16 CF, manual, SS/Cu/FKM, "A"-dim. 38 mm

- Copper-sealed for UHV service
- Stainless steel body with welded diaphragm bellows
- Conductance continuously variable with handwheel (multi-turn)
- Fully retracting and opening
- Additional O-ring materials available

UHV angle valve

Dimensions



A	38 mm
B	104 mm
C	19 mm
D	69 mm

UHV angle valve

Technical Data	UHV angle valve, DN 16 CF, manual, SS/Cu/FKM, "A"-dim. 38 mm
Seal: Housing	Copper
Seal: Valve plate	FKM
Feedthrough	Bellows Stainless steel
Type	UHV Angle valve
Housing	Stainless steel
Actuator	Spindle
Tightness	$1 \cdot 10^{-11}$ Pa m ³ /s $7.5 \cdot 10^{-11}$ Torr l/s $1 \cdot 10^{-10}$ mbar l/s
Bakeout temperature: actuator	60 °C 140 °F 333.15 K
Conductance value with molecular flow	5 l/s
Operating pressure min.	$1 \cdot 10^{-9}$ hPa $7.5 \cdot 10^{-10}$ Torr $1 \cdot 10^{-9}$ mbar
Pressure max. (absolute)	1,000 hPa 750 Torr 1,000 mbar
Tightness: Housing	$1 \cdot 10^{-11}$ Pa m ³ /s $7.5 \cdot 10^{-11}$ Torr l/s $1 \cdot 10^{-10}$ mbar l/s
Bakeout temperature: housing	150 °C 302 °F 423.2 K
Differential pressure in closing direction	1,400 hPa 1,050 Torr 1,400 mbar
Differential pressure in opening direction	1,400 hPa 1,050 Torr 1,400 mbar
Operating pressure min.	$1 \cdot 10^{-9}$ hPa
Pressure max. (absolute)	1,000 hPa
Connection flange	DN 16 CF
Differential pressure in closing direction	1,400 hPa
Differential pressure in opening direction	1,400 hPa
Weight	1.1 kg

Order number	UHV angle valve, DN 16 CF, manual, SS/Cu/FKM, "A"-dim. 38 mm
UHV angle valve, DN 16 CF, manual, SS/Cu/FKM, "A"-dim. 38 mm	CSV-S02400

Accessories	UHV angle valve, DN 16 CF, manual, SS/Cu/FKM, "A"-dim. 38 mm
Set of seals for valve CSV/CAIV, DN 16/DN 25	CSV-075-95
Bellows kit for valve CSV/CSV/CAIV/CAIV, DN 16/DN 25	CSV-075-16K



Errors and/or changes excepted. - 2/17/2026

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