

**HV angle valve,
DN 25 ISO-KF, manually
operated, 304/FKM, "A"-
dim. 50 mm**

PFEIFFER ➤

HV angle valve



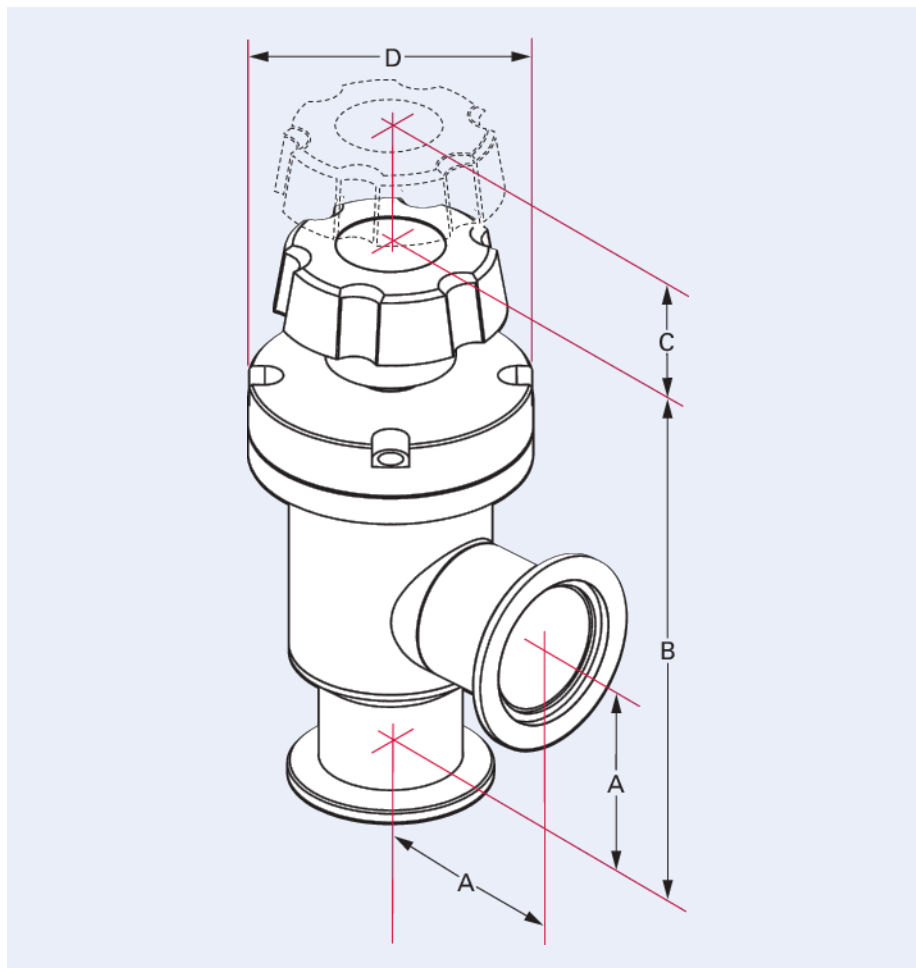
Illustration only

HV angle valve, DN 25 ISO-KF, manually operated, 304/FKM, "A"-dim. 50 mm

- With elastomer seals for high vacuum operation
- Stainless steel body with welded diaphragm bellows
- Conductance continuously variable with handwheel (multi-turn)
- Fully retracting and opening
- Additional O-ring materials available

HV angle valve

Dimensions



A	50 mm
B	112 mm
C	25 mm
D	57 mm

HV angle valve

Technical Data	HV angle valve, DN 25 ISO-KF, manually operated, 304/FKM, "A"-dim. 50 mm
Feedthrough	Bellows Stainless steel
Seal	FKM
Type	HV Angle valve
Housing	Stainless steel
Actuator	Spindle
Tightness	$1 \cdot 10^{-10}$ Pa m ³ /s $7.5 \cdot 10^{-10}$ Torr l/s $1 \cdot 10^{-9}$ mbar l/s
Bakeout temperature: actuator	60 °C 140 °F 333.15 K
Conductance value with molecular flow	12 l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa $7.5 \cdot 10^{-9}$ Torr $1 \cdot 10^{-8}$ mbar
Pressure max. (absolute)	1,000 hPa 750 Torr 1,000 mbar
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.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	1,000 hPa
Connection flange	DN 25 ISO-KF
Differential pressure in closing direction	1,400 hPa
Differential pressure in opening direction	1,400 hPa
Weight	0.8 kg

Order number	HV angle valve, DN 25 ISO-KF, manually operated, 304/FKM, "A"-dim. 50 mm
HV angle valve, DN 25 ISO-KF, manually operated, 304/FKM, "A"-dim. 50 mm	ESV-S03100

Accessories	HV angle valve, DN 25 ISO-KF, manually operated, 304/FKM, "A"-dim. 50 mm
Set of seals for valve ESVP/AIVP, DN 16/DN 25	ESVP-075-95
Bellows kit for valve ESV/ESVP/AIV/AIVP, DN 16/DN 25	ESV-075-16K



Errors and/or changes excepted. - 9/30/2025

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