



UHV Angle Valve, DN 40 CF, manual, SS/Cu



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UHV Angle Valve

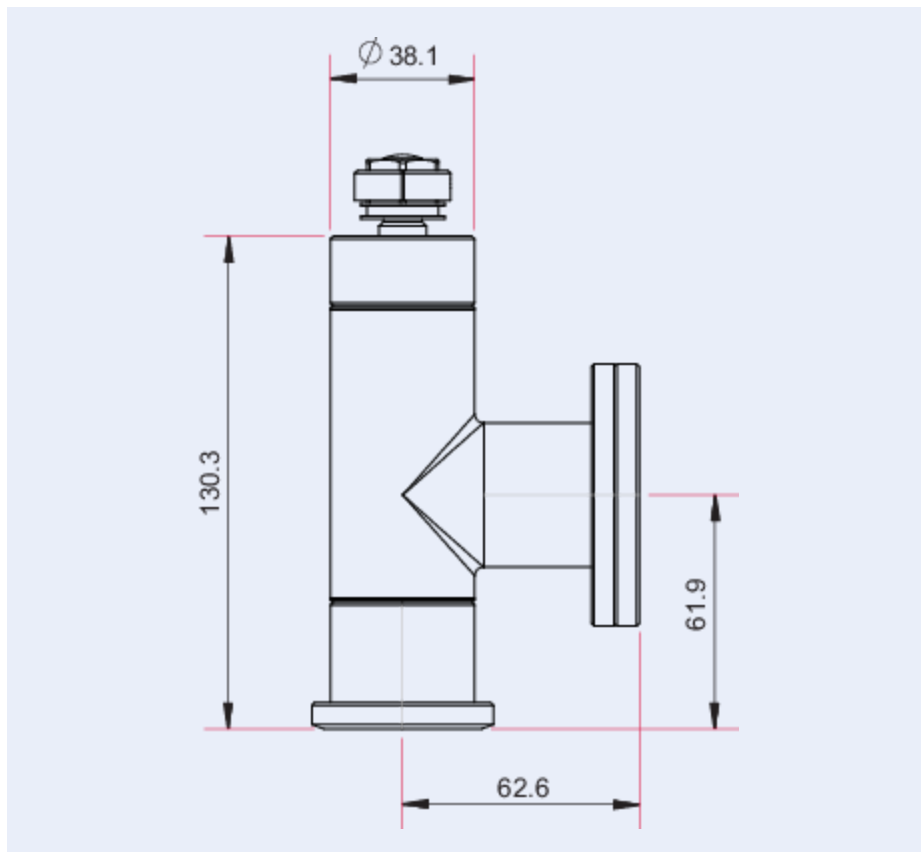


Illustration only

UHV Angle Valve, DN 40 CF, manual, SS/Cu

- Copper-sealed for UHV service
- Stainless steel body and bellows sealed
- Conductance continuously variable with handwheel (multi-turn)

Dimensions



A	62 mm
B	175 mm
C	38 mm

UHV Angle Valve

Technical Data	UHV Angle Valve, DN 40 CF, manual, SS/Cu
Seal: Housing	Copper
Seal: Valve plate	Copper
Feedthrough	Bellows Stainless steel
Opens against differential pressure of	1000 hPa
Type	UHV Angle valve
Housing	Stainless steel
Actuator	Spindle Handwheel
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	300 °C 572 °F 573.15 K
Conductance value with molecular flow	45 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: valve open, under vacuum	400 °C 752 °F 673.2 K
Differential pressure in closing direction	1,000 hPa 750 Torr 1,000 mbar
Bakeout temperature: valve closed	300 °C 572 °F 573.15 K
Differential pressure in opening direction	1,000 hPa 750 Torr 1,000 mbar
Operating pressure min.	$1 \cdot 10^{-9}$ hPa
Pressure max. (absolute)	1,000 hPa
Connection flange	DN 40 CF
Differential pressure in closing direction	1,000 hPa
Differential pressure in opening direction	1,000 hPa
Weight	3 kg

Order number	UHV Angle Valve, DN 40 CF, manual, SS/Cu
UHV Angle Valve, DN 40 CF, manual, SS/Cu	AMV-S04400

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