



# AVC 016 SA, angle valve, manually actuated

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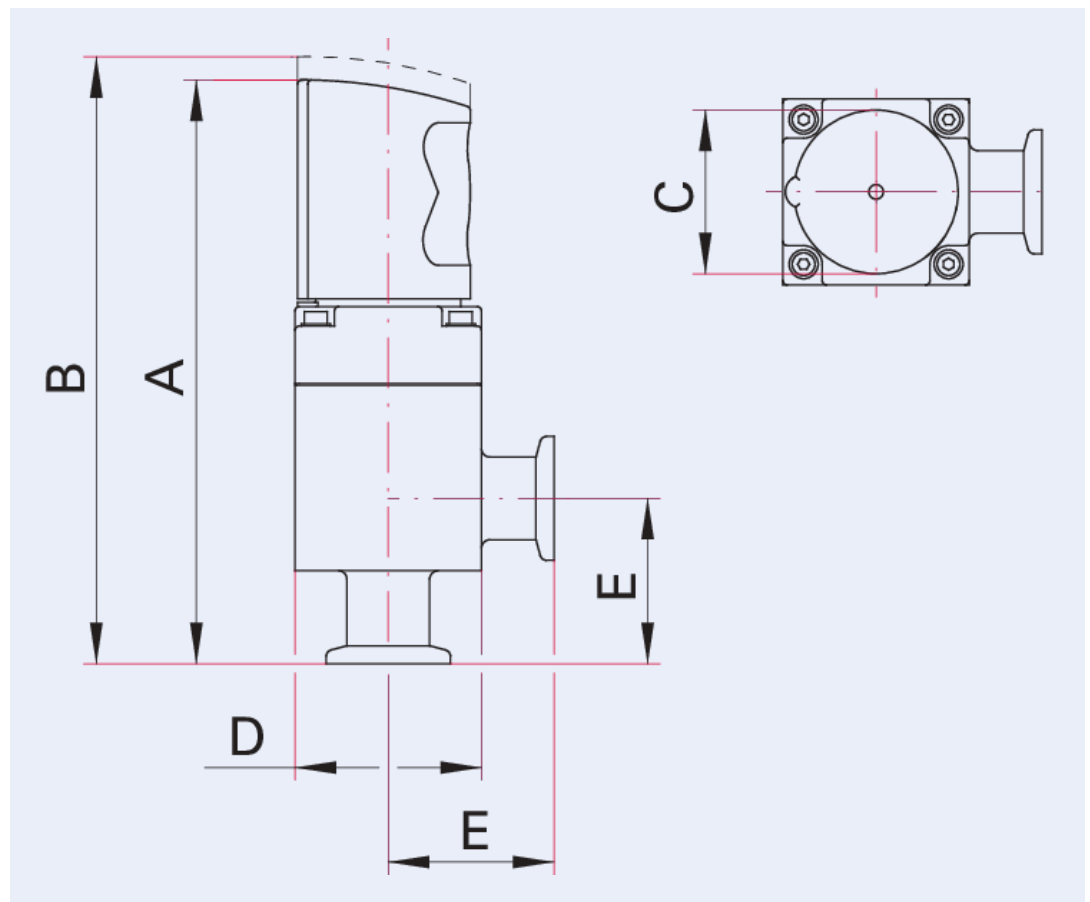




## AVC 016 SA, angle valve, manually actuated

- Quick opening by partly turning the rotary knob
- Bellows-sealed
- With visual indication of open and closed positions
- Service life: 10,000 operating cycles
- The valve must always be fully opened/closed (locked)

## Dimensions



Technical Data	AVC 016 SA, angle valve, manually actuated
Feedthrough	Stainless steel   Bellows
Seal	FKM
Housing	Aluminum
Actuator	Quick opening & closing
Tightness	$1 \cdot 10^{-10}$ Pa m <sup>3</sup> /s   $1.33 \cdot 10^{-8}$ Torr l/s   $1 \cdot 10^{-8}$ mbar l/s
Bakeout temperature: actuator	50 °C   122 K   -223.15 °F
Conductance value with molecular flow	5 l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa   $7.5 \cdot 10^{-9}$ Torr   $1 \cdot 10^{-8}$ mbar
Pressure max. (absolute)	2,000 hPa   1,500 Torr   2,000 mbar
Bakeout temperature: housing	80 °C   176 K   -193.2 °F
Differential pressure in closing direction	4,000 hPa   3,000 Torr   4,000 mbar
Differential pressure in opening direction	2,000 hPa   1,500 Torr   2,000 mbar
Weight	0.31 kg   0.68 lb
Operating pressure min.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	2,000 hPa
Connection flange	DN 16 ISO-KF
Differential pressure in closing direction	4,000 hPa
Differential pressure in opening direction	2,000 hPa
Weight	0.31 kg

Order number	AVC 016 SA, angle valve, manually actuated
AVC 016 SA, angle valve, manually actuated	PF A31 003

Accessories	AVC 016 SA, angle valve, manually actuated
Set of seals for AVC/DVC valve, DN 16 ISO-KF	PT 130 300 -T
Corrugated bellows, complete for AVC/DVC valve, DN 16 ISO-KF	PT 130 303 -T

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