



# **EVB 100 SA, Angle valve, manually actuated**

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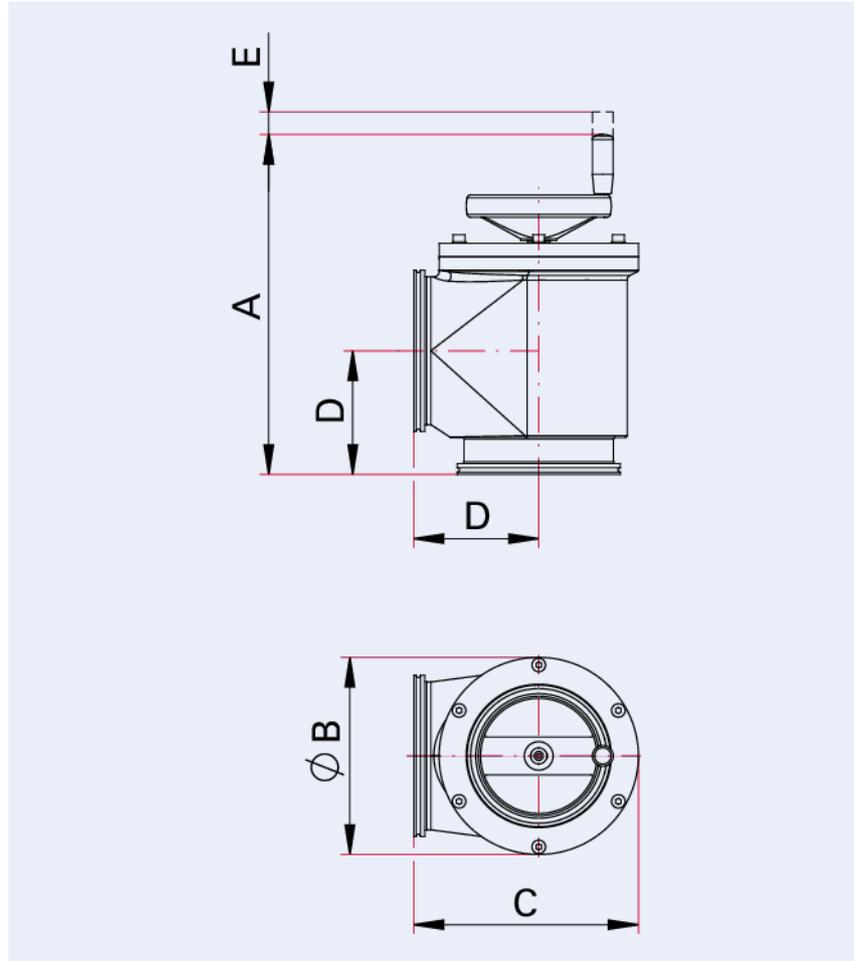


Illustration only

## **EVB 100 SA, Angle valve, manually actuated**

- Spindle drive with ergonomic handwheel for continuous opening
- Bellows-sealed
- With visual indication of open and closed positions
- Service life: 20000 operating cycles

## Dimensions



A	355 mm
B	178 mm
C	197 mm
D	108 mm
E	21 mm

<b>Technical Data</b>	<b>EVB 100 SA, Angle valve, manually actuated</b>
Feedthrough	Stainless steel   Bellows
Opens against differential pressure of	1000 hPa
Seal	FKM
Type	Angle valve
Housing	Aluminum
Actuator	Spindle
Tightness	$1 \cdot 10^{-10}$ Pa m <sup>3</sup> /s   $7.5 \cdot 10^{-10}$ Torr l/s   $1 \cdot 10^{-9}$ mbar l/s
Bakeout temperature: actuator	80 °C   176 °F   353.15 K
Conductance value with molecular flow	440 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	150 °C   302 °F   423.2 K
Differential pressure in closing direction	2,000 hPa   1,500 Torr   2,000 mbar
Differential pressure in opening direction	1,200 hPa   900 Torr   1,200 mbar
Weight approx.	6 kg   13.23 lb
Operating pressure min.	$1 \cdot 10^{-8}$ hPa
Pressure max. (absolute)	2,000 hPa
Connection flange	DN 100 ISO-K
Differential pressure in closing direction	2,000 hPa
Differential pressure in opening direction	1,200 hPa
Weight	6 kg

<b>Order number</b>	<b>EVB 100 SA, Angle valve, manually actuated</b>
EVB 100 SA, Angle valve, manually actuated	310VEM100



Errors and/or changes excepted. - 5/15/2025

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