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# EVB 100 PA

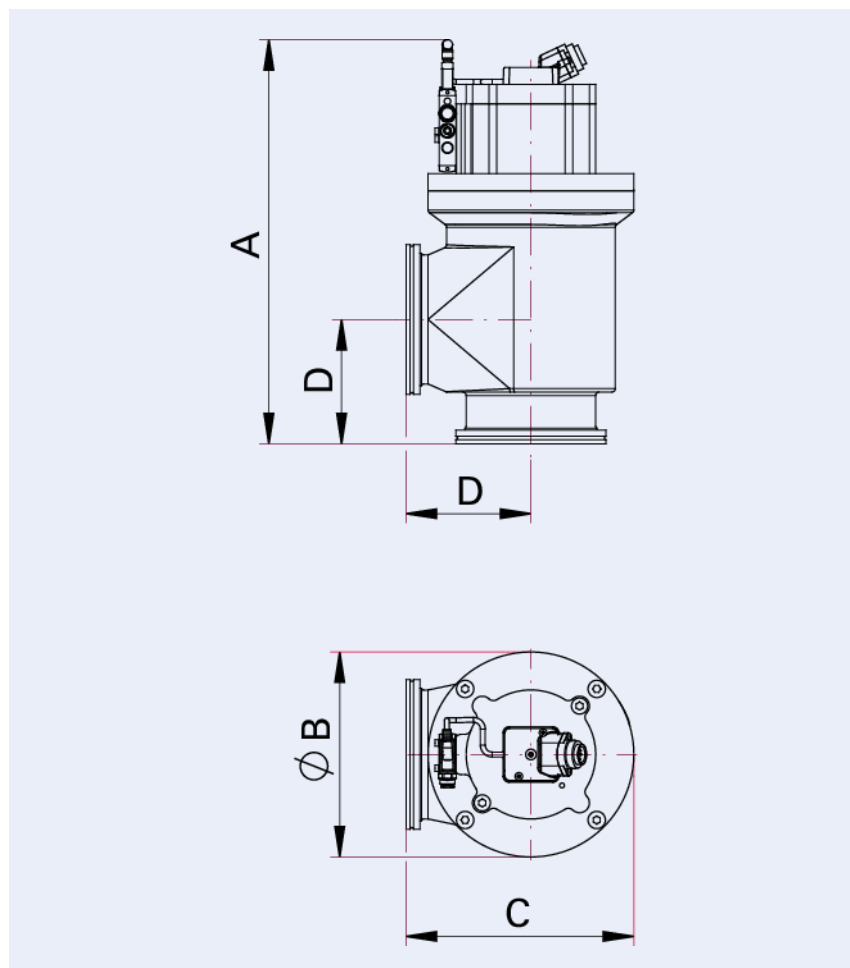


Illustration only

## **EVB 100 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC**

- Bellows-sealed
- With visual position indicator
- Normally closed (n. c.)
- Service life: 1 million operating cycles

## Dimensions



A	351 mm
B	178 mm
C	197 mm
D	108 mm

Technical Data	EVB 100 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC
Feedthrough	Stainless steel   Bellows
Seal	FKM
Control valve	Included
Position indicator	Microswitch   Included
Type	Angle valve
Position indicator: Load capacity	≤ 50 V AC / DC   5 – 100 mA
Housing	Aluminum
Actuator	Electro-pneumatic
Input voltage(s)	24 V DC
Tightness	1 · 10 <sup>-10</sup> Pa m <sup>3</sup> /s   7.5 · 10 <sup>-10</sup> Torr l/s   1 · 10 <sup>-9</sup> mbar l/s
Conductance value with molecular flow	440 l/s
Operating pressure min.	1 · 10 <sup>-8</sup> hPa   7.5 · 10 <sup>-9</sup> Torr   1 · 10 <sup>-8</sup> mbar
Pressure max. (absolute)	2,000 hPa   1,500 Torr   2,000 mbar
Bakeout temperature: actuator, pilot valve	50 °C   122 °F   323.15 K
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.	8.8 kg   19.4 lb
Operating pressure min.	1 · 10 <sup>-8</sup> hPa
Pressure max. (absolute)	2,000 hPa
Connection flange	DN 100 ISO-K
Compressed air (overpressure)	4500 – 7000 hPa
Differential pressure in closing direction	2,000 hPa
Differential pressure in opening direction	1,200 hPa
Weight	8.8 kg

Order number	EVB 100 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC
EVB 100 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC	310VEP100-02

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