



**EVB 160 PA, Angle  
valve, electro-  
pneumatic, with PI, with  
PV, 24 V DC**

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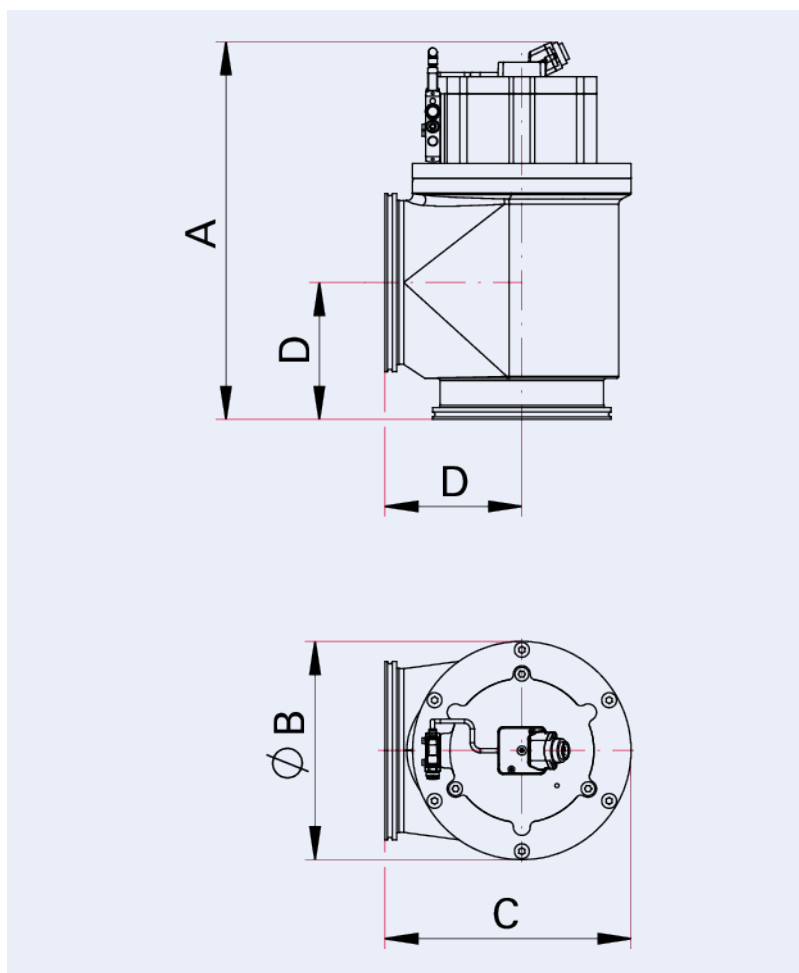
# EVB 160 PA



**EVB 160 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	3.81 mm
B	220 mm
C	248 mm
D	138 mm
SD SD	138 mm

Technical Data	EVB 160 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	1,000 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	13.8 kg   30.42 lb
Operating pressure min.	1 · 10 <sup>-8</sup> hPa
Pressure max. (absolute)	2,000 hPa
Connection flange	DN 160 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	13.8 kg

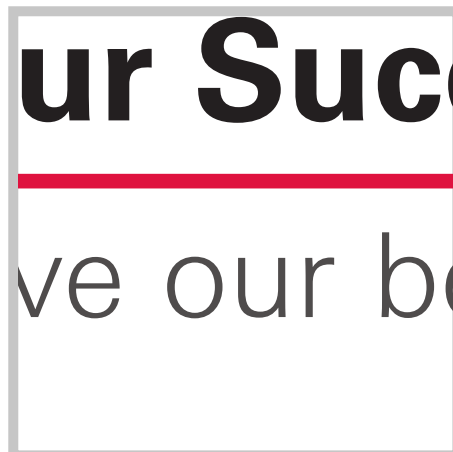
Order number	EVB 160 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC
EVB 160 PA, Angle valve, electro-pneumatic, with PI, with PV, 24 V DC	310VEP160-02



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