



**HV Inline valve, DN 80 ISO-K,
electro-pneumatic, PV 24 V
DC, SS/FKM, "A"-dim. 268 mm**

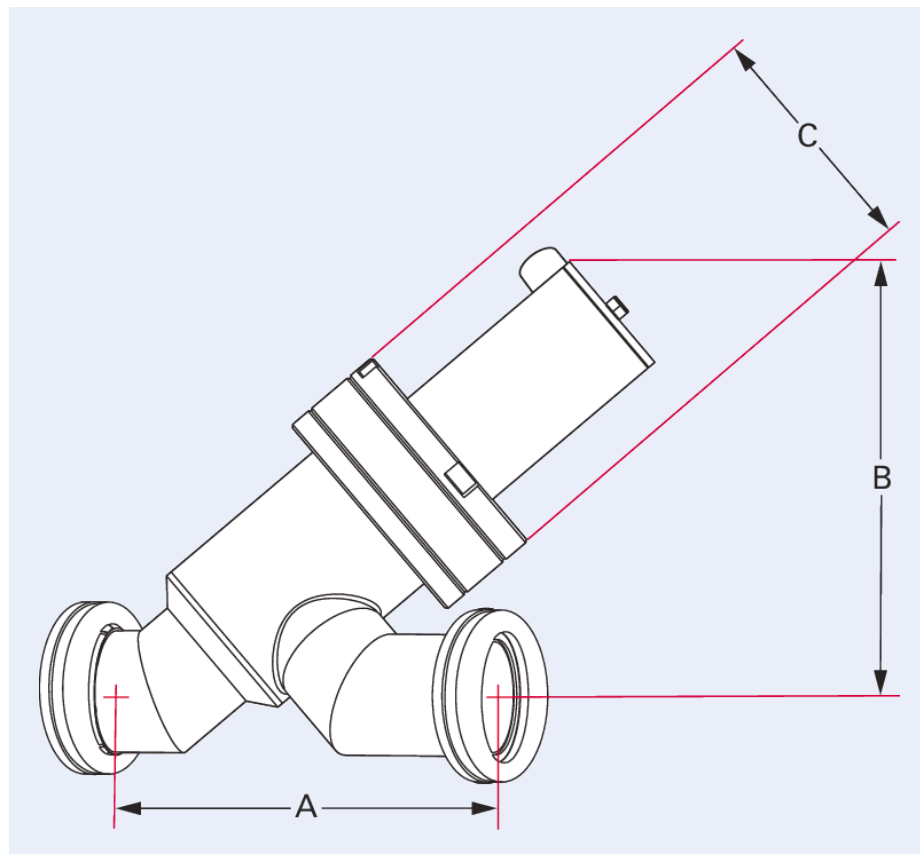




HV Inline valve, DN 80 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 268 mm

- Double acting (air to open / air to close)
- With elastomer seals for high vacuum operation
- Additional bellows segments increase the service life
- Can be operated in any orientation
- Additional O-ring materials available

Dimensions



A	268 mm
B	221 mm
C	114 mm

Technical Data	HV Inline valve, DN 80 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 268 mm
Feedthrough	Bellows Stainless steel
Power control valve	4.5 W
Seal	FKM
Control valve	Included
Type	HV Inline Valve
Temperature range	-20 – 150 °C
Housing	Stainless steel
Actuator	Electro-pneumatic
Input voltage(s)	24 V DC
Tightness	1 · 10 ⁻¹¹ Pa m ³ /s 1.33 · 10 ⁻⁹ Torr l/s 1 · 10 ⁻⁹ mbar l/s
Conductance value with molecular flow	115 l/s
Operating pressure min.	1 · 10 ⁻⁸ hPa 7.5 · 10 ⁻⁹ Torr 1 · 10 ⁻⁸ mbar
Pressure max. (absolute)	1,000 hPa 750 Torr 1,000 mbar
Bakeout temperature: actuator, pilot valve	60 °C 140 K -213.15 °F
Bakeout temperature: housing	150 °C 302 K -123.2 °F
Differential pressure in closing direction	1,400 hPa 1,050 Torr 1,400 mbar
Differential pressure in opening direction	1,400 hPa 1,050 Torr 1,400 mbar
Weight	4.5 kg 9.92 lb
Compressed air volume	138 cm ³
Connection flange	DN 80 ISO-K
Closing/opening time	0.75 s/0.5 s
Compressed air (overpressure)	6 000 – 8 000 hPa

Order number	HV Inline valve, DN 80 ISO-K, electro-pneumatic, PV 24 V DC, SS/FKM, "A"-dim. 268 mm
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