



**HV Inline valve, N-series,
DN 16 ISO-KF, electro-
pneumatic, PI (PNP)/PV 24 V
DC, SS/FKM**

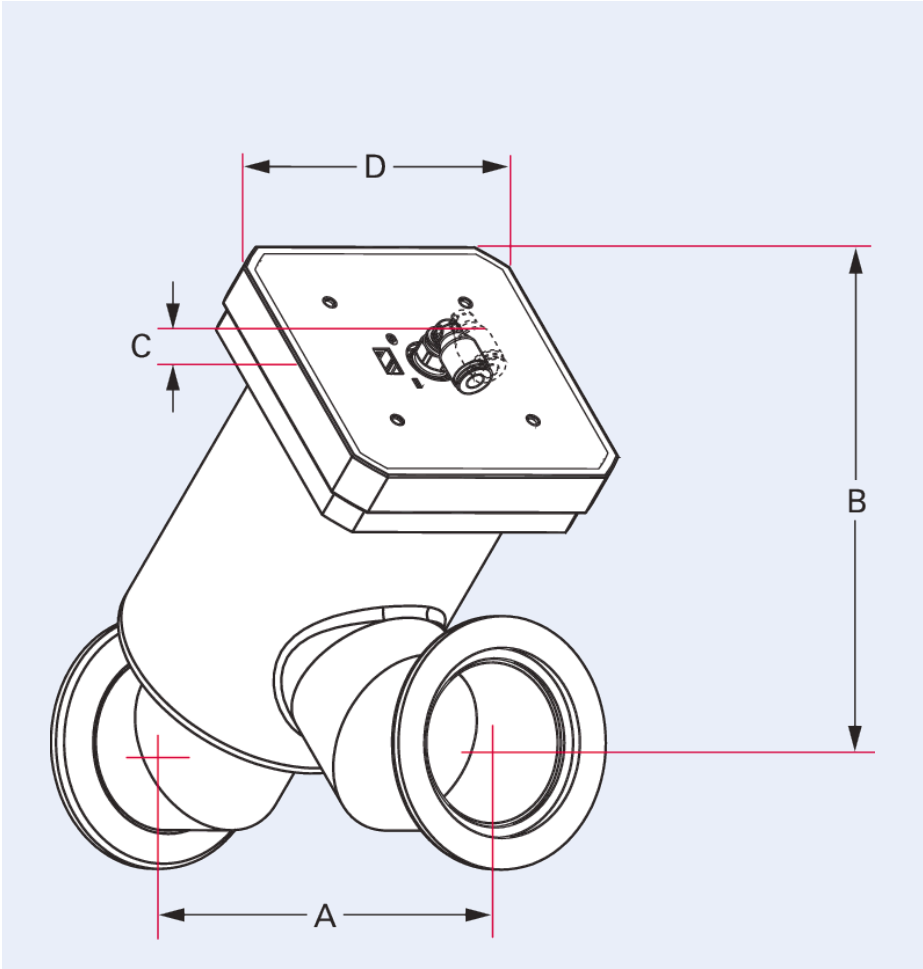




HV Inline valve, N-series, DN 16 ISO-KF, electro-pneumatic, PI (PNP)/PV 24 V DC, SS/FKM

- Single acting, normally closed (air to open / spring to close)
- The actuators can be removed quickly for inspection/maintenance without disassembling the system
- Can be operated in any orientation
- Heaters and insulators available
- Additional O-ring materials available

Dimensions



A	80 mm
B	117 mm
C	24 mm
D	70 mm

Technical Data	HV Inline valve, N-series, DN 16 ISO-KF, electro-pneumatic, PI (PNP)/PV 24 V DC, SS/FKM
Feedthrough	Bellows Stainless steel
Power control valve	4.5 W
Seal	FKM
Control valve	Included
Position indicator	Included
Type	HV Inline Valve
Position indicator: Load capacity	24 V DC / 0.02 A
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	5 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	1.3 kg 2.87 lb
Compressed air volume	31 cm ³
Connection flange	DN 16 ISO-KF
Closing/opening time	0.7 s/0.5 s
Compressed air (overpressure)	4 000 – 7 000 hPa

Order number	HV Inline valve, N-series, DN 16 ISO-KF, electro-pneumatic, PI (PNP)/PV 24 V DC, SS/FKM
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