



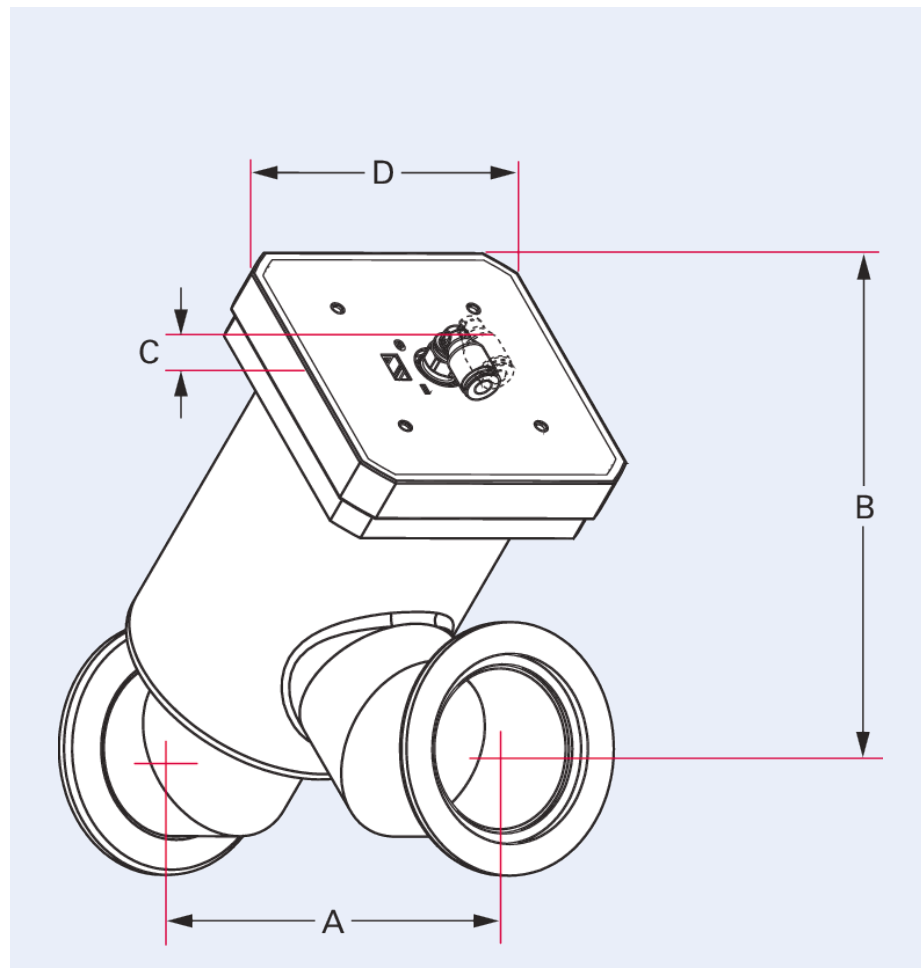
A red pole with many white directional signs pointing in various directions, each displaying a distance in kilometers. The signs are for various locations including Berlin, Frankfurt, London, and others. The distances range from 561 km to 9,356 km.



HV Inline valve, N-series, DN 50 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	140 mm
B	111 mm
C	24 mm
D	70 mm

Technical Data

HV Inline valve, N-series, DN 50 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	37 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 50 ISO-KF
Closing/opening time	0.7 s/0.5 s
Compressed air (overpressure)	4 000 – 7 000 hPa

Order number

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