



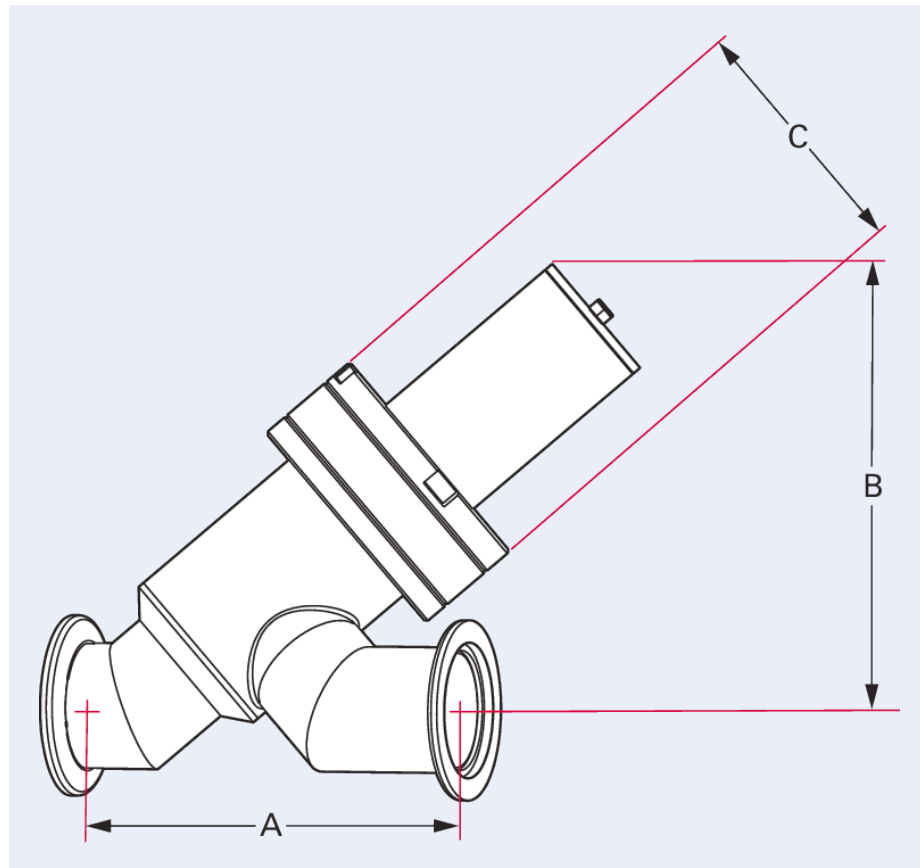
**HV Inline valve, DN 25 ISO-KF,  
pneumatic, SS/FKM, "A"-dim.  
107 mm**



**HV Inline valve, DN 25 ISO-KF, pneumatic, SS/FKM, "A"-dim. 107 mm**

- Single acting, normally closed (air to open / spring 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	107 mm
B	108 mm
C	57 mm

## Technical Data

	HV Inline valve, DN 25 ISO-KF, pneumatic, SS/FKM, "A"-dim. 107 mm
Feedthrough	Bellows   Stainless steel
Seal	FKM
Type	HV Inline Valve
Temperature range	-20 – 150 °C
Housing	Stainless steel
Actuator	Pneumatic
Tightness	$1 \cdot 10^{-11}$ Pa m <sup>3</sup> /s   $1.33 \cdot 10^{-9}$ Torr l/s   $1 \cdot 10^{-9}$ mbar l/s
Conductance value with molecular flow	9 l/s
Operating pressure min.	$1 \cdot 10^{-8}$ hPa   $7.5 \cdot 10^{-9}$ Torr   $1 \cdot 10^{-8}$ 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	1.5 kg   3.31 lb
Compressed air volume	10 cm <sup>3</sup>
Connection flange	DN 25 ISO-KF
Closing/opening time	1.25 s/1.5 s
Compressed air (overpressure)	6 000 – 8 000 hPa

## Order number

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