



**HV Inline valve, DN 50 ISO-KF,
manual, SS/FKM, "A"-dim. 178
mm**

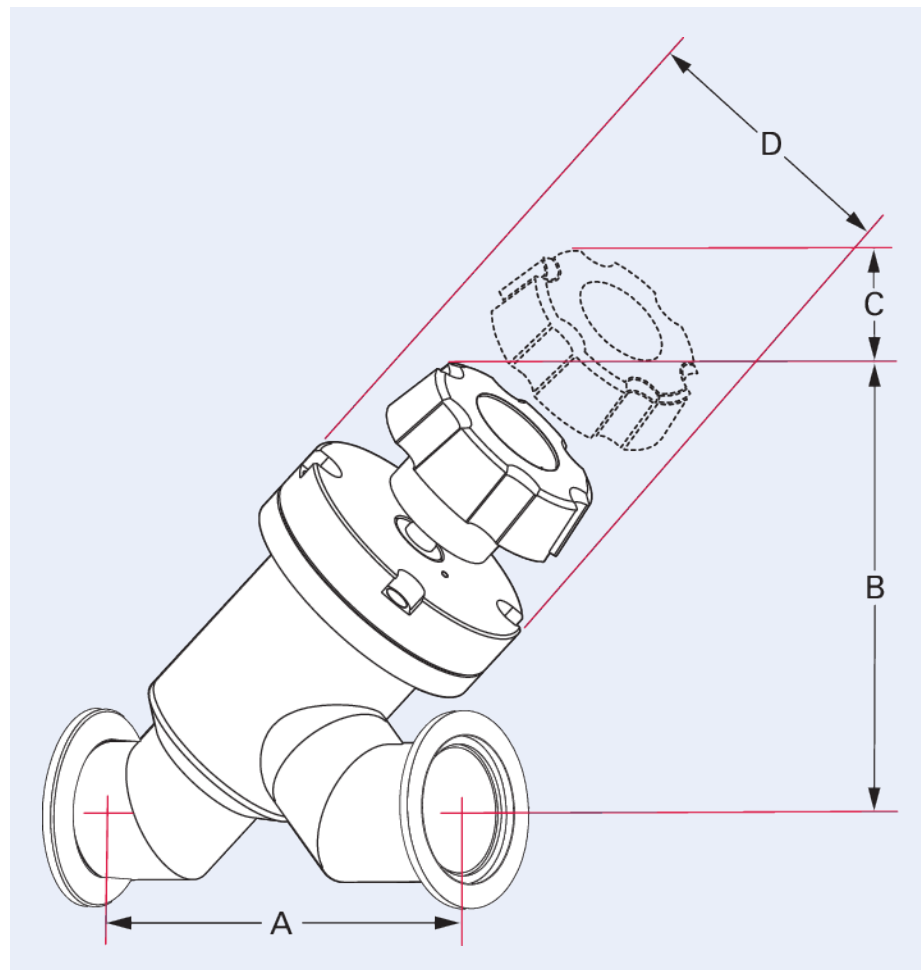




HV Inline valve, DN 50 ISO-KF, manual, SS/FKM, "A"-dim. 178 mm

- With elastomer seals for high vacuum operation
- Stainless steel body with welded diaphragm bellows
- Conductance continuously variable with handwheel (multi-turn)
- Fully retracting and opening
- Additional O-ring materials available

Dimensions



A	178 mm
B	157 mm
C	75 mm
D	89 mm

Technical Data

HV Inline valve, DN 50 ISO-KF, manual, SS/FKM, "A"-dim. 178 mm	
Feedthrough	Bellows Stainless steel
Seal	FKM
Type	HV Inline Valve
Housing	Stainless steel
Actuator	Spindle Handwheel
Tightness	$1 \cdot 10^{-11} \text{ Pa m}^3/\text{s}$ $1.33 \cdot 10^{-9} \text{ Torr l/s}$ $1 \cdot 10^{-9} \text{ mbar l/s}$
Bakeout temperature: actuator	60 °C 140 K -213.15 °F
Conductance value with molecular flow	48 l/s
Operating pressure min.	$1 \cdot 10^{-8} \text{ hPa}$ $7.5 \cdot 10^{-9} \text{ Torr}$ $1 \cdot 10^{-8} \text{ mbar}$
Pressure max. (absolute)	1,000 hPa 750 Torr 1,000 mbar
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	1.6 kg 3.53 lb
Connection flange	DN 50 ISO-KF

Order number

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