

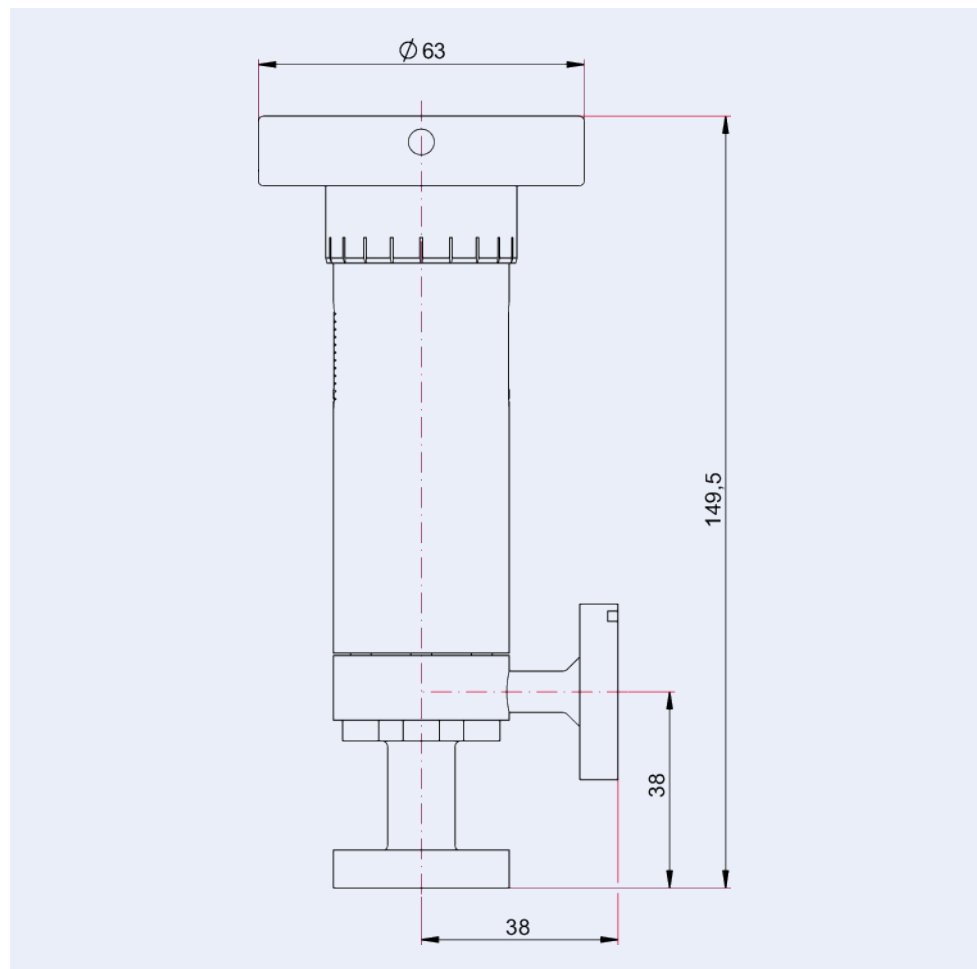
Gas dosing valve



All-metal gas dosing valve, manually actuated, DN 16 CF-R

- Suitable for UHV applications
- Minimum dead volume
- Operating temperature up to 300 °C
- For mass spectrometer applications
- Gas inlet DN 16 CF-R

Dimensions



Technical Data	All-metal gas dosing valve, manually actuated, DN 16 CF-R		
Gas flow min. controllable	$1 \cdot 10^{-10}$ hPa·l/s		
Gas flow max. controllable	$5 \cdot 10^2$ hPa·l/s		
Type	Gas control valve		
Housing	Stainless steel		
Actuator	Manual		
Tightness	$1 \cdot 10^{-11}$ Pa m ³ /s	$1.33 \cdot 10^{-9}$ Torr l/s	$1 \cdot 10^{-9}$ mbar l/s
Pressure max.	10,000 hPa 7,500 Torr 10,000 mbar		
Conductance value with molecular flow	0.05 l/s		
Min. controllable gas flow	$1 \cdot 10^{-10}$ hPa·l/s		
Max. controllable gas flow	$5 \cdot 10^2$ hPa·l/s		
Pressure min.	$1 \cdot 10^{-11}$ hPa $7.5 \cdot 10^{-12}$ Torr $1 \cdot 10^{-11}$ mbar		
Weight	0.94 kg 2.07 lb		
Pressure max.	10,000 hPa		
Connection flange	DN 16 CF-R		
Inlet pressure max.	$1 \cdot 10^{-10}$ hPa – 1 MP		
Operating pressure	$1 \cdot 10^{-10}$ hPa to 1500 hPa (abs.)		
Weight	0.94 kg		
Connection flange (out)	DN 16 CF-R		

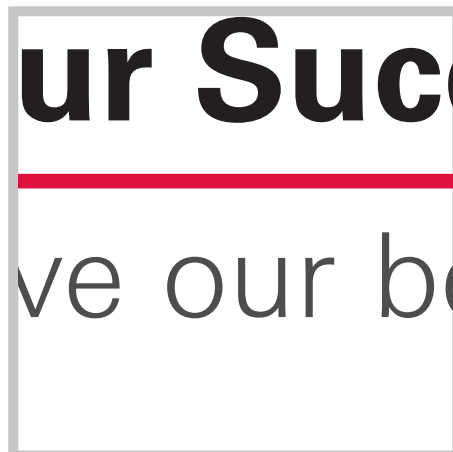
Order number	All-metal gas dosing valve, manually actuated, DN 16 CF-R
All-metal gas dosing valve, manually actuated, DN 16 CF-R	420VED016



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