

High Pressure Diaphragm Valves

VDV31 Series

Product Features

- Diaphragm valve
- Stainless steel 316L body for corrosive gases
- Inlet pressure max. 300 bar
- Left or Right lever direction for shutoff
- Wide range of inlets / outlets
- Metal-to-metal sealing to atmosphere

Typical Applications

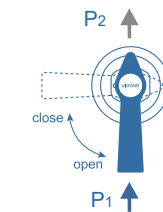
- Component Testing
- Calibration Systems
- Laboratory Pressure Control
- High Pressure Sampling Systems
- Service & Test Equipment



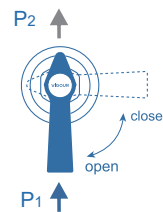
Technical Data

Type:	Diaphragm valve
Inlet pressure:	max. 300 bar (60 bar option)
Materials	
Body:	see ordering info
seat:	PCTFE
Diaphragm:	Elgiloy®
Filter:	SS316L
Inlet / Outlet connection:	see ordering info
Temperature range:	-30°C to +74°C
Leak rate:	1x10 ⁻⁸ mbar l/s He
Orifice:	Φ2.7mm
Weight:	0.2kg

Schematic Drawing

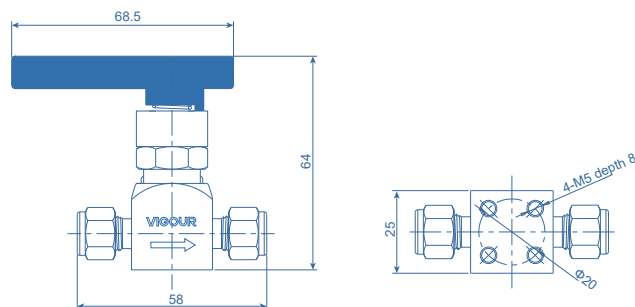


Right Lever for Shutoff (standard)



Left Lever for Shutoff (option)

Dimensions (mm)



Ordering Information

VDV 31 - S - 04 - 04 - L

Material

S: 316L

Inlets / Outlets

M4: 1/4"NPT(M)

02: 1/8"Tube fitting

04: 1/4"Tube fitting

6M: 6mm Tube fitting

8M: 8mm Tube fitting

Lever

None: Right lever for Shutoff

L: Left lever for Shutoff