

Diaphragm Valves

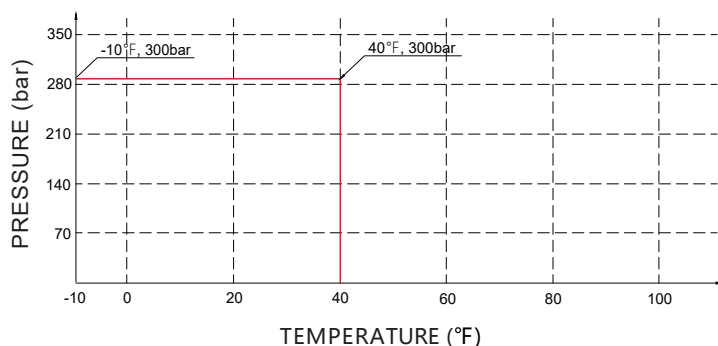
VDV31UA Series

Product Feature

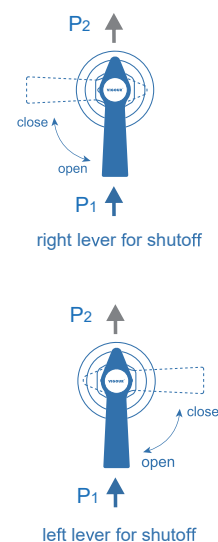
- Diaphragm valve
- Stainless steel 316L body for corrosive gases
- Inlet pressure max 4500 psig (300 bar)
- The product is fabricated in compliance with the VS001B process specification
- Left or Right lever direction for Shutoff
- Wide range of inlets and outlets
- Metal-to-metal seal to atmosphere



Temperature / Pressure Rating



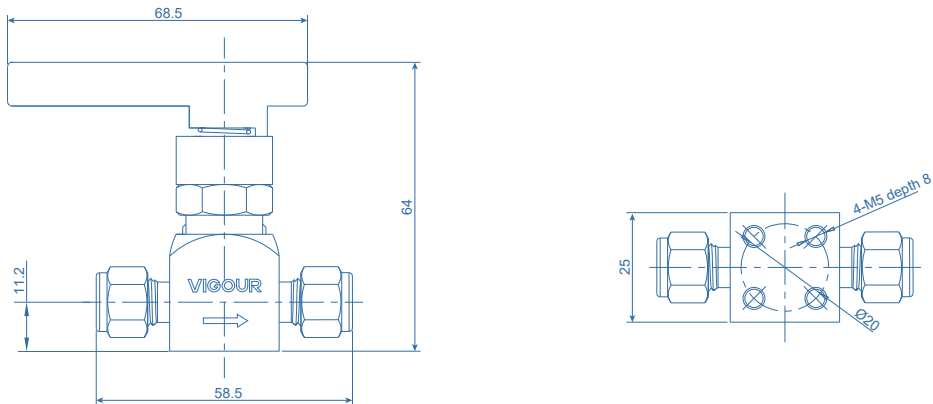
Schematic Drawing



Technical Data

Max. Working Pressure:	4500 psig (300bar)
Max. Working Temp.:	14°F ~ 104°F (-10°C ~ 40°C)
Materials	
Body:	316L
Diaphragm:	Elgiloy®
Seat packing:	PCTFE
Handle:	AL
Internal Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
External Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
Flow capacity:	Cv=0.1
Orifice:	Φ2.7mm
Weight:	approx. 0.25kg

Dimensions (mm)



Ordering Information

VDV31UAS - 04 - 04 - L

Materials

S: 316L

Inlets / Outlets

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