

High Pressure Diaphragm Valves

VDV30 Series

VIGOUR

Product Features

- Diaphragm valve
- Brass chrome plated body for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- 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
- Tested for use with oxygen

Typical Applications

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



Handle switch

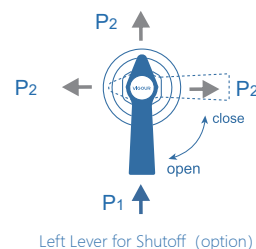
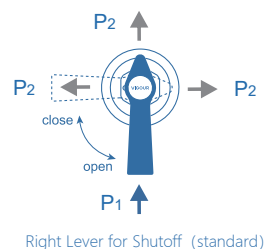


Hand wheel Switch

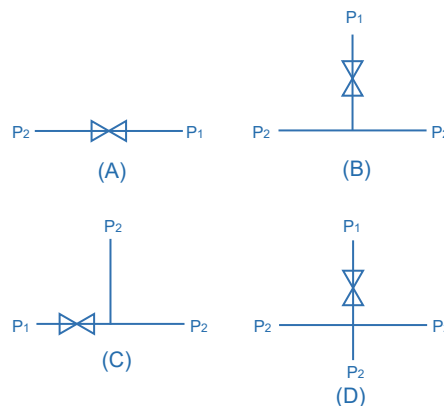
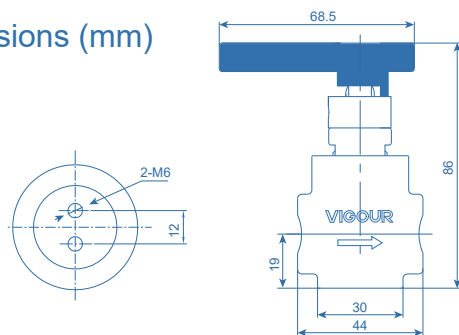
Technical Data

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:	1/4"NPT(F)
Temperature range:	-30°C to 74°C
Leak rate:	1x10 ⁻⁸ mbar l/s He
Orifice:	Φ2.7mm
Weight:	0.5kg

Schematic Drawing



Dimensions (mm)



Ordering Information

VDV 30- C - A - F4 - F4 - L- 60

Body Material	Inlet Pressure
S: 316L	None: 300bar
C: Chrome Plated Brass	60: 60bar
Type	Lever
A: 2 Ports	None: Right lever for Shutoff
B: 3 Ports	L: Left lever for Shutoff
C: 3 Ports	W: Hand Wheel Shutoff
D: 4 Ports	
Inlets / Outlets	
F4: 1/4"NPT(F)	
F4: 1/4"NPT(F)	

