

# Diaphragm Valve

## VDV30 Series

VIGOUR

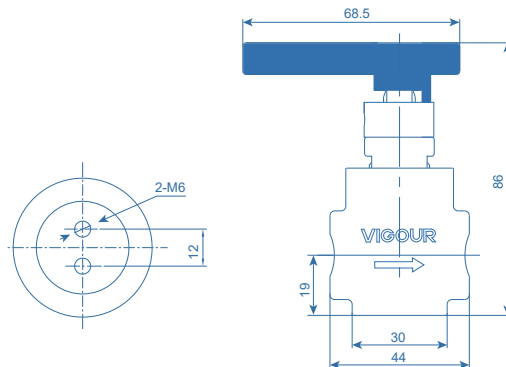
### Product Features

- High Pressure 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

### Dimensions (mm)



Handle switch



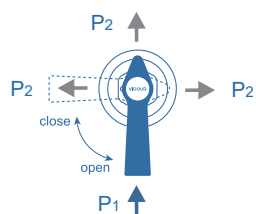
Hand wheel Switch

### Technical Data

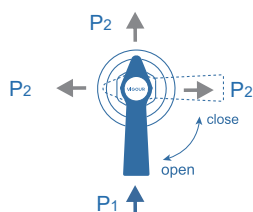
|                            |                                |
|----------------------------|--------------------------------|
| Type:                      | Diaphragm valve                |
| Inlet pressure:            | max. 300 bar (60 bar option)   |
| Materials                  |                                |
| Body:                      | see ordering info              |
| seat:                      | PEEK                           |
| Diaphragm:                 | Elgiloy®                       |
| Filter:                    | SS316L                         |
| Inlet / Outlet connection: | 1/4"NPT(F)                     |
| Temperature range:         | -30°C to 74°C                  |
| Leak rate:                 | 1x10 <sup>-8</sup> mbar l/s He |
| Orifice:                   | Φ2.7mm                         |
| Weight:                    | 0.5kg                          |



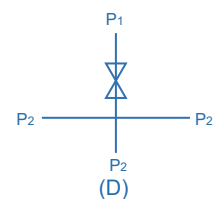
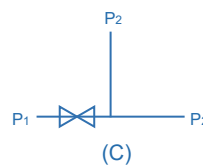
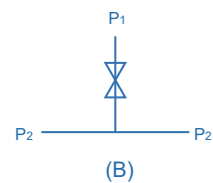
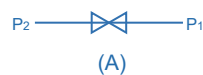
### Schematic Drawing



Right Lever for Shutoff (standard)



Left Lever for Shutoff (option)



### Ordering Information

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

#### Body Material

S: 316L

C: Chrome Plated Brass

#### Type

A: 2 Ports

B: 3 Ports

C: 3 Ports

D: 4 Ports

#### Inlets / Outlets

F4: 1/4"NPT(F)

F4: 1/4"NPT(F)

#### Inlet Pressure

None: 300bar

60: 60bar

#### Lever

None: Right lever for Shutoff

L: Left lever for Shutoff

W: Hand Wheel Shutoff

