

Diaphragm Valves / Membranventile

VDV1 Series

Product Features

- Diaphragm valve
- Brass chrome plated body and bonnet for inert, reactive, flammable and oxidizing gas and mixtures up to grade 6.0
- Stainless steel 316L body for corrosive gases
- Suitable for inlet pressure up to 60 bar, hand wheel design
- Wide range of inlets / outlets
- Metal-to-metal sealing to atmosphere
- Tested to use with oxygen

Typical Applications

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



Technical Data

Type: Diaphragm valve

Inlet pressure: Max. 60 bar

Materials

Body: see ordering info

Seat: PEEK

Diaphragm: Elgiloy®

Filter: SS316L

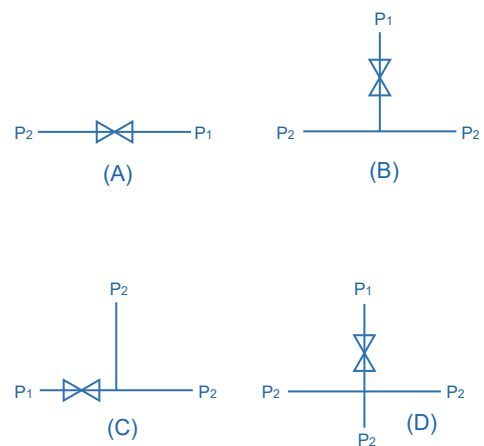
Inlet / outlet connection: 1/4"NPT(F)

Temperature range: -30°C to +74°C

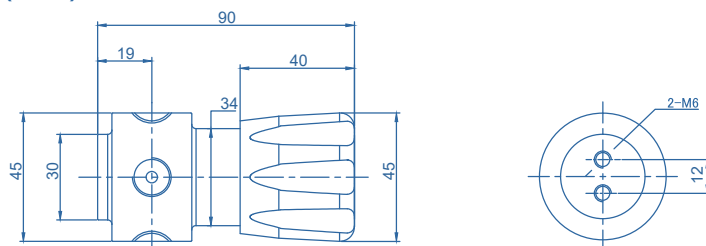
Leak rate: 10^{-8} mbar l/s He

Orifice: $\Phi 4$ mm

Weight: 0.5 kg



Dimensions (mm)



Ordering Information

VDV 1 - C - A - F4 - F4

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)

F6: 3/8"NPT(F)