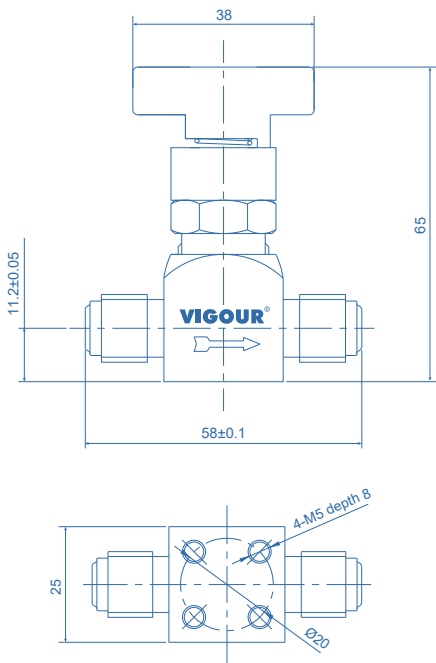


Diaphragm Valves VDV31UB Series

Product Feature

- Quarter-turn ON/OFF, providing easy operation
- Handle shape provides visual indication of OPEN and CLOSE position
- Available on high and low-pressure models

Dimensions(mm)



manual actuator
low pressure



pneumatic actuator
low pressure



pneumatic actuator
high pressure

Technical Data

Orifice	4.0mm
Max. Working Pressure	Vac to 300psig (21 bar) vac to 3000psig (210 bar)
Pneumatic Operating Pressure	60~120psig (4.1~8.2 bar)
Burst Pressure	4500 psig (300 bar)
Max. Working Temp.	-10 ~ 150°F (-23 ~ 65°C)
Internal Leakage Allowance(He)	$\leq 1 \times 10^{-9}$ atm • cc/sec
External Leakage Allowance (He)	$\leq 1 \times 10^{-9}$ atm • cc/sec
Cv Valve	0.18 / 0.28

Ordering Information

Inlet/outlet Connection

MV4: 1/4" face seal male

* Other connection standard, consult factory

VDV31UB - PS - PHO - MV4 - MV4

Installation

- P: panel installation
- None: surface installation

Materials

S: 316L(VIM/VAR)

Actuator

- MH: lever, high pressure
- MO: lever, low pressure
- PHO: pneumatic actuator, high pressure, normally opened
- PHC: pneumatic actuator, high pressure, normally closed
- PLO: pneumatic actuator, low pressure, normally opened
- PLC: pneumatic actuator, low pressure, normally closed