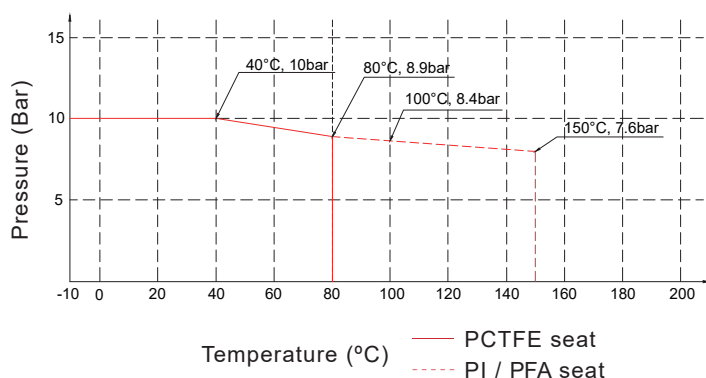


Product Feature

- Suitable for ultra-pure, flammable or toxic fluid lines in semiconductor manufacturing equipment and facilities
- Direct diaphragm construction with superior sealing performance, remarkable durability, compactness and particle and dead-space-free performance
- The product is fabricated in compliance with the VS001A process specification
- Valve open and closed position is easily visible at a glance
- EP treatment is standard for all wetted surfaces
- Standard seat material is PCTFE, Polyimide/PFA is option



Temperature / Pressure Rating

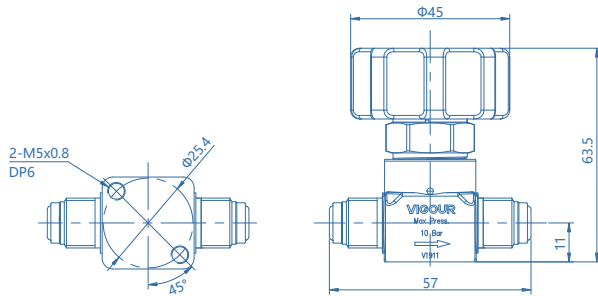


Technical Data

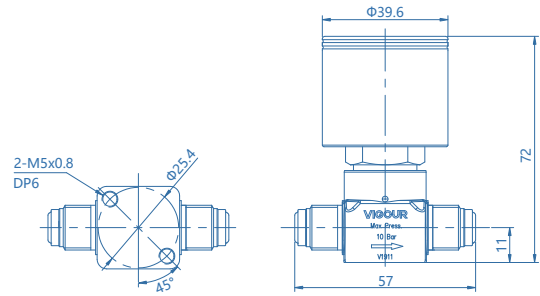
Max. Working Pressure:	150 psig (10bar)
Pneumatic Operating Pressure:	58~87psig (4~6bar)
Max. Working Temp.:	14°F ~ 176°F (-10°C ~ 80°C)
Surface finish:	10µin. Ra
Materials	
Body:	see ordering info
Diaphragm:	Elgiloy®
Seat packing:	PCTFE
Handle:	AL
Internal Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
External Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
Flow capacity:	1/4" Cv=0.3 1/2" Cv=0.65
Weight:	approx. 0.36kg (depending on connections or options)



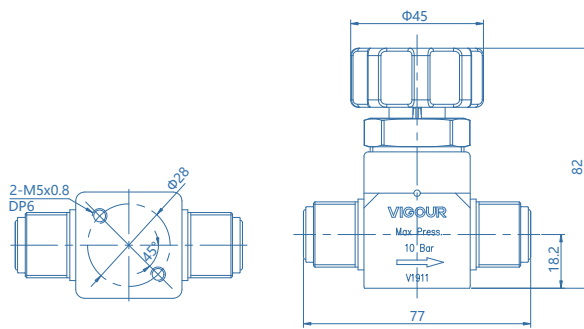
Dimensions (mm)



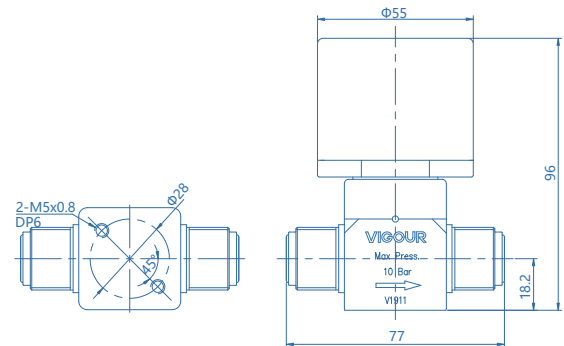
1/4 manual actuator (VFS fitting male)



1/4 pneumatic actuator (VFS fitting male)



1/2 manual actuator (VFS fitting male)



1/2 pneumatic actuator (VFS fitting male)

Ordering information

VDV22UBS - M - MV4 - MV4 - PA

Materials

S: 316L
SLV: 316L secondary remelt

Actuator

M: manual actuator
PO: pneumatic actuator, normally opened
PC: pneumatic actuator, normally closed

Valve Seat Option

None: PCTFE (standard)
VS: Vespel®
PA: PFA

End Connection

MV4: 1/4" VFS fitting male
MV8: 1/2" VFS fitting male

* Other connection standard, consult factory

