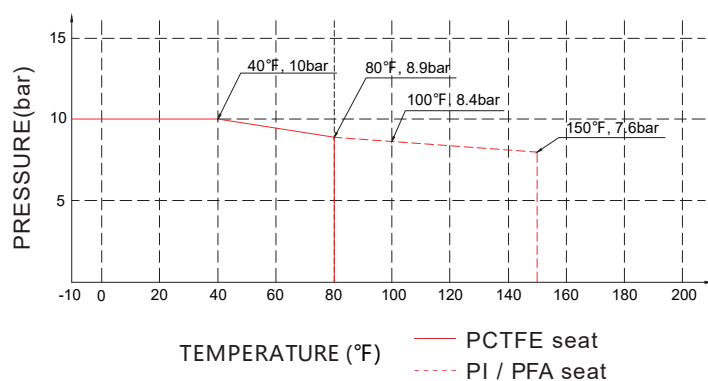


Product Feature

- Suitable for high purity, flammable or toxic fluid gases
- 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 VS001B process specification
- Valve open and closed option is easily visible at a glance
- Excellent gas displacement characteristics
- Standard seat material is PCTFE, Polyimide/PFA is option

Temperature / Pressure Rating



1/4 Type



1/4 Type



1/2 Type



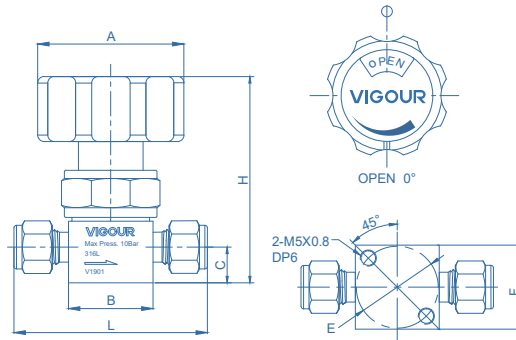
1/2 Type

Technical Data

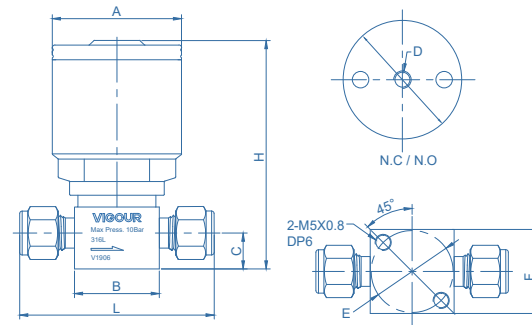
Max. Working Pressure:	150 psig (10bar)
Pneumatic Operating Pressure:	58~87psig (4~6bar)
Max. Working Temp.:	14°F ~ 176°F (-10°C ~ 80°C)
Materials	
Body:	316L
Diaphragm:	Elgiloy®
Seat packing:	PCTFE
Handle:	AL
Internal Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
External Leakage Allowance:	1x10 ⁻⁹ mbar l/s He
Flow capacity:	1/4"Cv=0.3 3/8"1/2"Cv=0.65
Weight:	approx. 0.27kg (depending on connections or options)



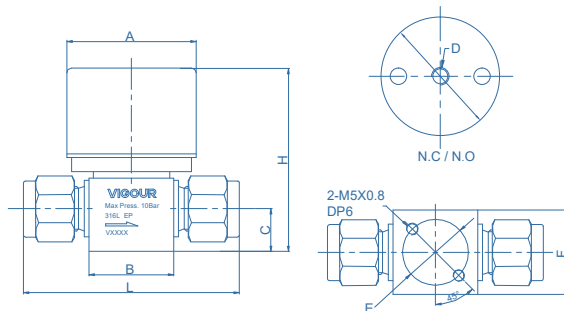
Dimensions (mm)



1/4, 3/8, 1/2 manual actuator



1/4 pneumatic actuator



3/8, 1/2 pneumatic actuator

manual actuator

End Cornections	Orifice (mm)	Dimensions (mm)							
		A	B	C	E	F	L	H	
1/4" Tube Fitting	4.4	Φ45	26	11	Φ25.4	26	60	64	
3/8" Tube Fitting	7	Φ45	36	18.2	Φ28	36	78.8	78	
1/2" Tube Fitting	7	Φ45	36	18.2	Φ28	36	83.6	78	

pneumatic actuator, normally opened / normally closed

End Cornections	Actuator	Orifice (mm)	Dimensions (mm)							
			A	B	C	D	E	F	L	H
1/4" Tube Fitting	N.C / N.O	4.4	Φ39.6	26	11	M5x0.8	Φ25.4	26	60	70
3/8" Tube Fitting	N.C / N.O	7	Φ55	36	18.2	RC 1/8	Φ28	36	78.8	78
1/2" Tube Fitting	N.C / N.O	7	Φ55	36	18.2	RC 1/8	Φ28	36	83.6	78

1/4", 3/8", 1/2" tube fitting dimensions for reference, other connections please contact factory.

Ordering information

VDV32UAS - M - 04 - 04 - PA

Materials

S: 316L

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

04: 1/4" tube fitting

06: 3/8" tube fitting

08: 1/2" tube fitting

* Other connection standard,consult factory

