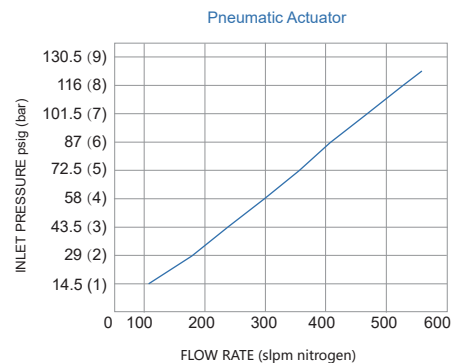
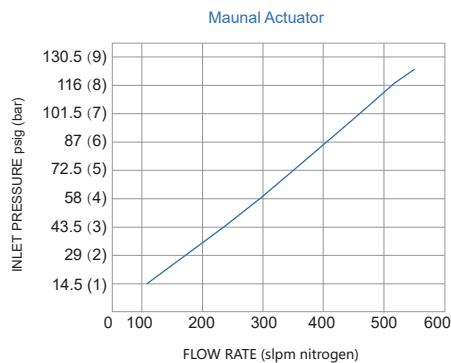


Product Feature

- 316L stainless steel construction
- Tube fitting, tube welding, and VFS fitting joints
- Easy to clean to keep operation clean
- Excellent gas displacement characteristics
- The product is fabricated in compliance with the VS001A process specification
- EP treatment is standard for all wetted surfaces
- Standard seat material is PCTFE, Vespe[®] is option
- All-metal seal to atmosphere



Flowchart

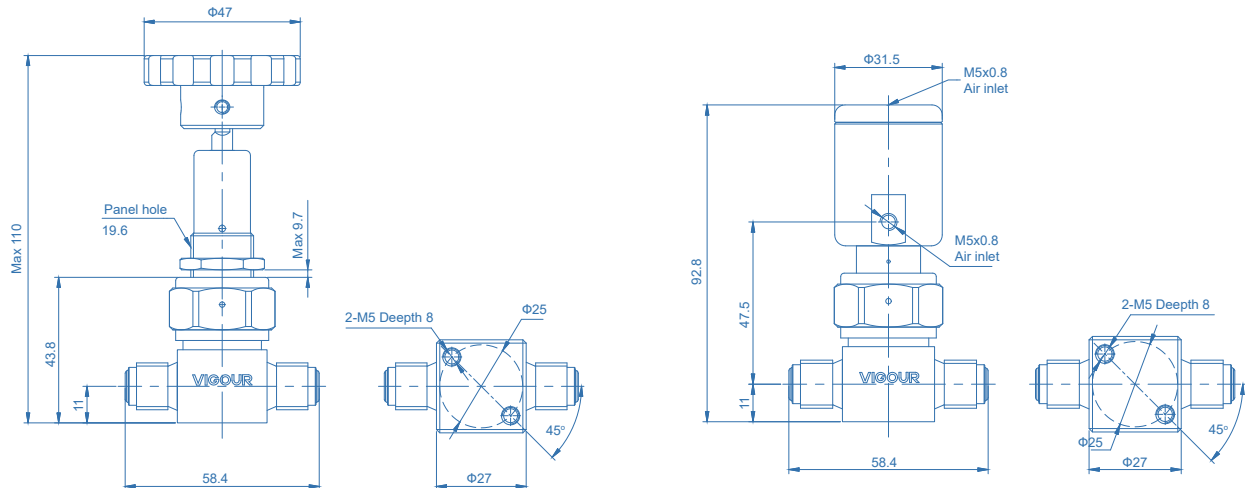


Technical Data

Manual Pressure:	Vacuum 500 psig (35bar)
Pneumatic Pressure:	Vacuum 125 psig (8.6bar)
Operating Pressure:	45~120 psig (3.2~8.2bar)
Surface finish:	10μin. Ra Standard (7μin. Ra / 5μin. Ra optional)
Working Temp.:	-40°F ~ 200°F (-40°C ~ 93°C)
Materials	
Body:	316L
Bellows:	A269 / A240 stainless steel
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:	Cv=0.3
Weight:	approx. 1.54kg (depending on connections or options)



Dimensions (mm)



Ordering Information

VUBV S - M - MV4 - MV4 - VS

Materials

S: 316L

Actuator

M: manual actuator
PC: pneumatic actuator, normally closed

Valve Seat Option

None: PCTFE (standard)
VS: Vespe[®]

End Connection

O4: 1/4" tube fitting
TW4: 1/4" tube weld
FV4: 1/4" VFS female
MV4: 1/4" VFS male

* Other connection standard, consult factory

* Tube fitting wetted surface Ra. 20μm machine finished,
TW4、FV4、MV4 wetted surface Ra. 8μm machine finished
and electropolished

