

Low-pressure Diaphragm Valve Manifold VDV36UB Series

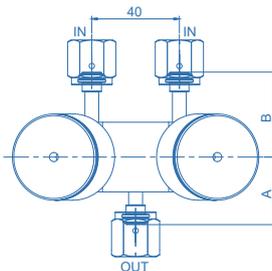
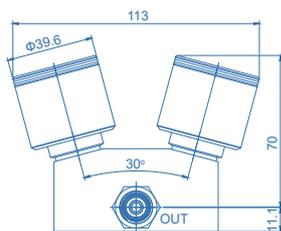
VIGOUR

Product Feature

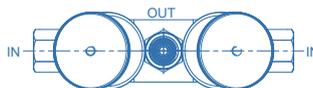
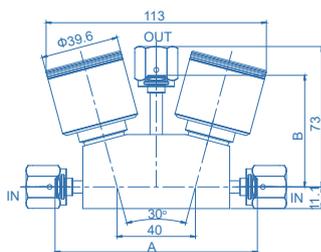
- Excellent degassing characteristics is achieved through minimized flow paths by combining 2 of VDV32、VDV33 diaphragm valves together in one valve body.
- Fewer welds over standard valve alignments
- Reduces space requirements
- Compact tubing arrangement
- The product is fabricated in compliance with the VS001A process specification
- Dead space free configuration



Dimensions (mm)



End Connections	Dimensions (mm)	
	A	B
VFS Female	31	39
VFS Male	46.3	46.3



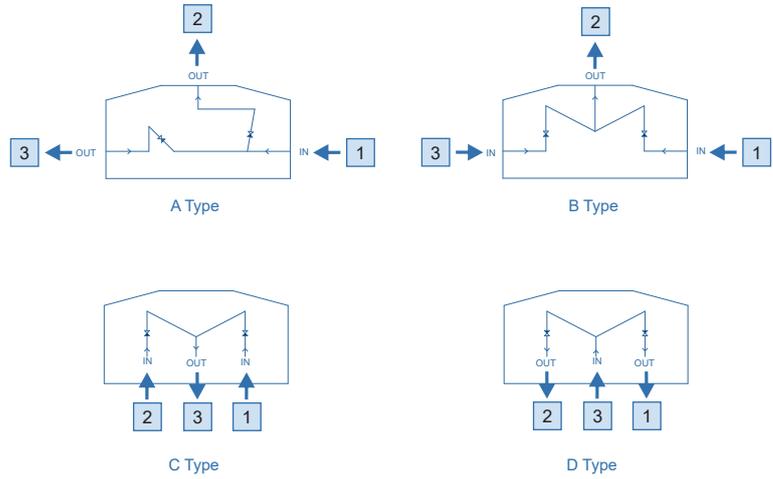
End Connections	Dimensions (mm)	
	A	B
VFS Female	103.4	57.3
VFS Male	139.6	70

Technical Data

Max. Working Pressure:	150 psig (10bar) / 3000 psig (200bar)
Pneumatic Operating Pressure:	58~87psig (4~6bar)
Max. Working Temp.:	14°F ~ 104°F (-10°C ~ 40°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:	Cv=0.3 (Low pressure) Cv=0.1 (High pressure)
Weight:	approx. 1.36kg (depending on connections or options)



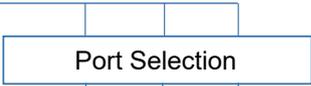
Ordering information



Inlet/Outlet Connexion

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

* Other connection standard, consult factory.



VDV36UB S - A - H - M - PC - 1 - 2 - 3

- Materials**
 - S: 316L EP
 - SLV: 316L secondary remelt
- Flow Rate**
 - A: A Type
 - B: B Type
 - C: C Type
 - D: D Type
- Working Pressure**
 - None: 150 psig
 - H: 3000 psig

- Valve2 Actuator***
 - M: manual actuator
 - PO: pneumatic actuator, normally opened
 - PC: pneumatic actuator, normally closed
 - Valve1 Actuator**
 - M: manual actuator
 - PO: pneumatic actuator, normally opened
 - PC: pneumatic actuator, normally closed
- * When the actuators are the same there will be one symbol.

Ordering Example

VDV36UBS - C - PC - PC - FV4 - FV4 - FV4
1 - 2 - 3

