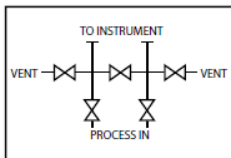


## 5 way Manifold Valve



### Typical Applications:

1. Testing Panels
2. Differential pressure Transmitters
3. Gas Distribution Systems
4. Refineries and Petrochemical Industries

### Features:

- Two Isolation valves and One Equalizing valve and Two Vent valve
- Pressure rating up to 10000 psig at 37<sup>0</sup>C
- Temperature rating from -54<sup>0</sup>C to 232<sup>0</sup>C with PTFE packing
- Screwed double bonnet assembly with metal to metal body to bonnet seal
- Non Rotating Hardened metal Stem tip design to ensure positive sealing
- Variety of MOC options SS 316, Monel 400 and Duplex Material
- Grafoil Stem Packing option is available to meet high temperature applications
- Port sizes available from ¼” Size to ¾”
- Stainless Steel Bar handle, Handle Options are available.
- Locking pin to avoid accidental removal in service
- Standard mounting holes provides flexibility for wall / bracket mounting installations
- Optionally available with NACE MR-01-75 compliance
- Variety of end connections include Tube fitting end, Male/Female NPT and ISO threads
- Dust and Thread caps provided for ingress dust protection

### Testing:

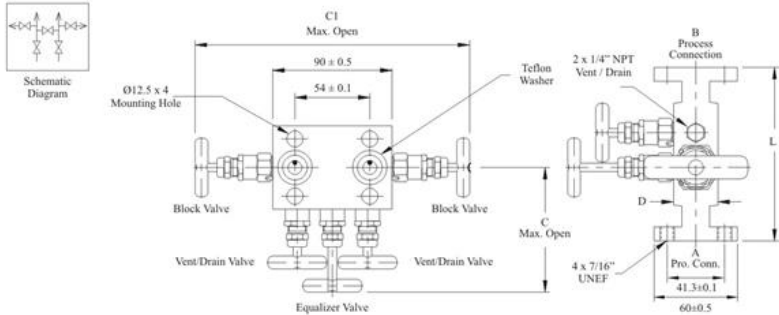
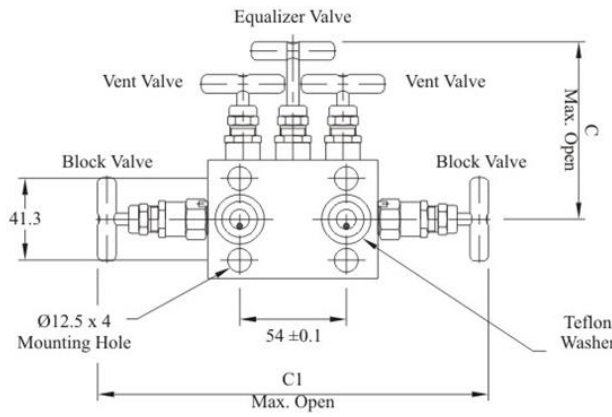
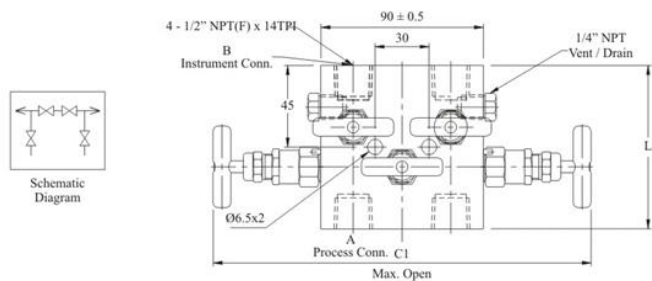
Each Manifold Valve is factory tested with nitrogen gas at 1000psig (69 Bar) for leakage at seal & seat. Other optional tests like hydrostatic (1.5 times of the working pressure) and helium leak tests are available upon request.

### Materials of Construction:

Sr. no.	Component	Material
1	Body	SS316 / A276

2	Bonnet	SS 316
3	Vee/Regulating Stem Tip	SS316 / 17-4 PH
4	Stem Packing	PTFE
5	O-ring	Viton
6	Stem	SS316 / A276
7	Check Nut	SS 316
8	Packing Nut	SS316
9	Grub Screw	CS
10	Bar Handle	SS 304
11	Stopper Pin	SS 304
12	Dust Cap	Nylon

## Dimensional Drawing with Component List:



Part Number	Process / Instrument connections	Vent Port	Orifice Size in mm	Dimensions in mm			
				L	D	C	C1
MV-5SSF8	1/2" NPT(F)	1/4" NPT(F)	3	90	30	98	226
MV-5SSF8FL	1/2" NPT(F)	1/4" NPT(F)	3	88	32	98	226

MV-5SSFL	1/2" NPT(F)	3/4" NPT(F)	3	110	32	98	226
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