

INSTRUMENTATION
VALVES



COMFIT-USA

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INSTRUMENTATION & CONTROL

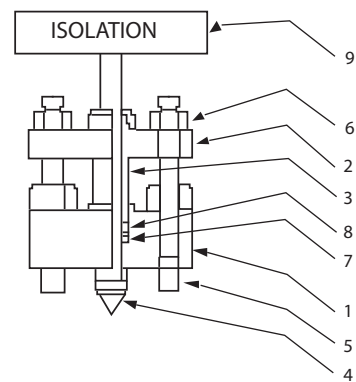
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Monoflange valves

INSTRUMENT MONOFLANGE VALVE PRODUCT CODE: CIMFV

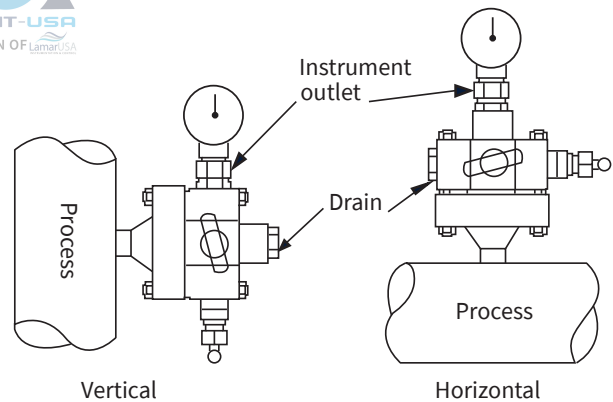


SR. NO.	DESCRIPTION	QTY	DESCRIPTION
1	BONNET	1	SS 316
2	GLAND FLANGE	1	SS 316
3	GLAND	1	SS 316
4	STEM (NON ROTATING TIP)	1	SS 316
5	CONNET STUD & NUT	4	SS 304
6	GLAND STUD & NUT	2	SS 304
7	PACKING	2	PTFE
8	WASHER	1	SS 316
9	HANDLE	1	SS 304



FEATURES:

- Size 1/2" to 2" NB Flanges
- End connection - Process (Inlet):
 - Flange Size: 1/2", 3/4", 1", 1-1/2", 2"
 - Flange Class: 150#, 300#, 600#, 900#, 1500#, 2500#
 - Flange Face Style: Raise Face, Ring Type joint
- Instrument (outlet): Size: 1/4", 3/8", 1/2" Standard
- Connection Style: NPT (F), NPT (M), ODT (Double ferrule)
- Vent Connection: 1/4" NPT (F) Standard, 3/8" NPTF (F), 1/2" NPT (F)
- Mounting: Horizontal (standard) & Vertical
- Material - S.S. (ASTM A182 - F316), Monel M400, Duplex ASTM A182 - F51, Hastelloy C-276 Valve can be supplied to meet the current revision on NACE MR-01-75 (Sour Gas Service)
- Packing - PTFE, Graphoil
- All valves are 100% factory tested at 100 PSIG
- Lubrication - Dye molly Sulphide



Applications:

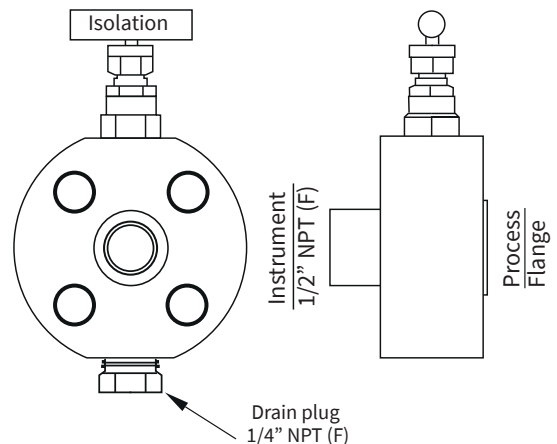
- Isolation service, Pressure measurement, Level measurement, Sampling.

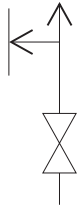
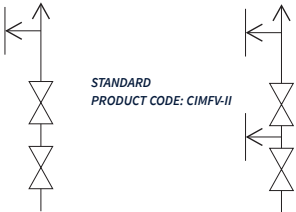
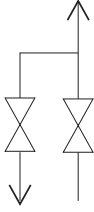
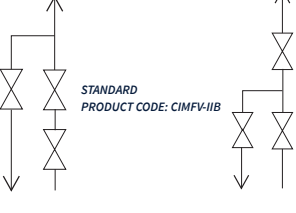
Standard Feature:

- 1/2 - inch NPT theaded female outlet as standard to ANSI / ASME B1.20.1
- Flange standard as per ANSI / ASME B 16.5

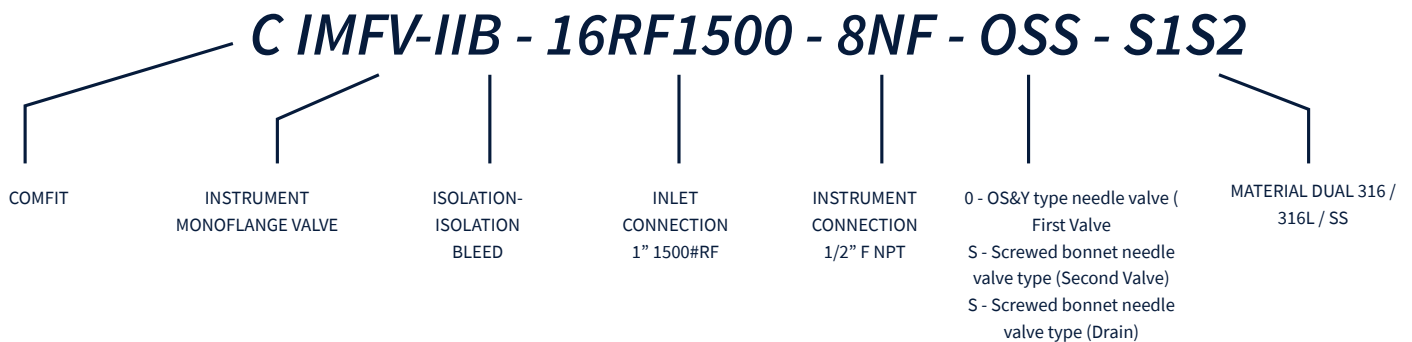
Bonnet desing:

- Screwed bonnet desing
- Hard seat:
 - with non-rotating stem tip
 - With rotating stem tip-regulating & soft seat
- Dust cap on bonnet pusher protects stem threads from external contamination
- Packing and sealing are leak tight for easy operation



 <p>STANDARD PRODUCT CODE: CIMFV-I</p>	<p>SINGLE BLOCK INSTRUMENT MONOFLANGE VALVES</p> <p>DESCRIPTION:</p> <ul style="list-style-type: none"> - Compact one-piece forged or bar stock body design reduces potential leak paths compared to conventional designs - In this valve one primary isolation globe type needle valve is assembled & option drain port given with plug on the periphery of the flange, where the valve is directly mounted to the vessel or process pipe. Instruments may be directly mounted to the valve outlet or alternatively remotely mounted with gauge lines/ impulse pipe work
 <p>STANDARD PRODUCT CODE: CIMFV-II</p> <p>STANDARD PRODUCT CODE: CIMFV-II-A</p>	<p>DOUBLE BLOCK INSTRUMENT MONOFLANGE VALVES</p> <p>DESCRIPTION:</p> <ul style="list-style-type: none"> - One-piece forged or bar stock body combines a compact design with strength and reduced potential leak paths compared to conventional designs. - In this valve primary & secondary both isolation globe type needle valves are assembled & option drain port given with plug on the periphery of the flange, where the valve is directly mounted to the vessel or process pipe. Instruments may be directly mounted to the valve outlet or alternatively remotely mounted with gauge lines/ impulse pipe work.
 <p>STANDARD PRODUCT CODE: CIMFV-IB</p>	<p>BLOCK & BLEED INSTRUMENT MONOFLANGE VALVES</p> <p>DESCRIPTION</p> <ul style="list-style-type: none"> - One-piece forged or bar stock body combines a compact design with strength and reduced potential leak paths compared to conventional designs. - In this valve one primary (in Instrument Monoflange Valve) isolation globe type needle valve (in Process Monoflange) OS & Y type globe type needle valve, secondary drain anti-tamper globe type needle valve assembled & option drain port given with plug on the periphery of the flange, where the valve is directly mounted to the vessel or process pipe Instruments may be directly mounted to the valve outlet or alternatively remotely mounted with gauge lines/ impulse pipe work.
 <p>STANDARD PRODUCT CODE: CIMFV-IIB</p> <p>OPTION PRODUCT CODE: CIMFV-IIB-A</p>	<p>DOUBLE BLOCK & BLEED INSTRUMENT MONOFLANGE VALVES</p> <p>DESCRIPTION</p> <ul style="list-style-type: none"> - One-piece forged or bar stock body combines a compact design with strength and reduced potential leak paths compared to conventional designs. - In this valve one primary isolation globe type needle valve, secondary isolation globe type needle valve & drain anti-tamper globe type needle valve are assembled & option drain port given with plug on the periphery of the flange, where the valve is directly mounted to the vessel or process pipe. Instruments may be directly mounted to the valve outlet or alternatively remotely mounted with gauge lines / impulse pipe work.

TYPICAL MODEL CONFIGURATION





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