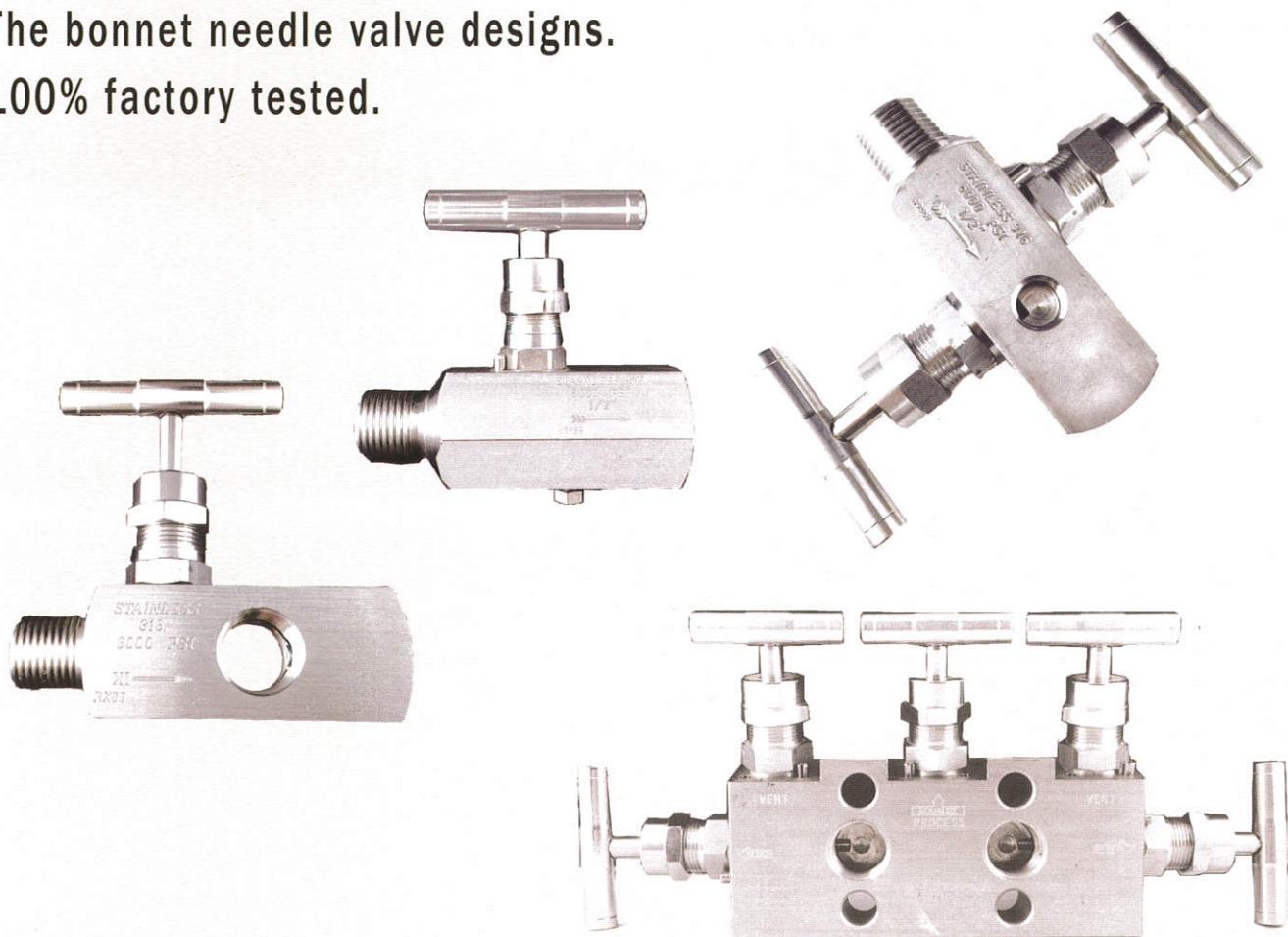


U-PRO

FEATURES **MANIFOLD GAUGE VALVES**

- One piece bonnet with a metal to a metal seal to the valve body below the bonnet threads.
- Bonnet lock pin to prevent accidental loosening.
- 316 stainless steel construction of Manifold.
- Standard stem packing is PTFE, optional PEEK & GRAFOIL
- The bonnet needle valve designs.
- 100% factory tested.



INTROUTIONS

The UPRO Gauge valve Manifolds has been specifically designed for mounting on differential pressure transmitters in liquid level applications. It contains a bleed valve and block valve. The 5 valves manifolds are designed for use with differential pressure transmitters incorporating an equalizing valves and two block valves in differential pressure applications.

BLOCK and Bleed 2 Valve Manifold 2GV

Isolating and calibrating the Model 2GV Valve has been designed as an economical and compact valve and yet provide the facilities for remote mount double block and bleed function. Connectins can be 1/2";3/4" NPT male and 1/2" female as shown with a 1/4" gauge / vent port available on each side of the body. This design is suitable for apllications up to 6000 psi (414 Bar)

Two valves designs and material of construction

No.	Parts	Material
1	Handle Bar	Stainless Steel
2	Stem	ASTM A276 TYPE 316
3	Packing Bolt	ASTM A479 TYPE 316
4	Lock Nut	Stainless Steel
5	Bonnet	ASTM A479 TYPE 316
6	Gland	316 Stainless steel
7a	Upper Packing	PTFE(optional PEEK ; GRAFOIL)
7b	Lower Packing	PTFE(optional PEEK ; GRAFOIL)
8	Stem Packing	PTFE(optional PEEK ; GRAFOIL)
9	Regulating tip	ASTM A479 TYPE 316
10	Global tip	ASTM A479 TYPE 316

*Manifold Body : ASTM - SA - 479 TYPE 316

*Bonnet Lock Screw : 316 Stainless Steel

*Option PEEK packing is available high temperature applications.

Up to 315°C

*Option GRAFOIL packing is available high temperature applications.

Up to 648°C

No.	Parts	Material
1	Handle Bar	Stainless Steel
2	Stem	ASTM A276 TYPE 316
3	Packing Nut	ASTM A479 TYPE 316
4	Upper gland	ASTM A276 TYPE 316
5	Stem packing	PTFE(optional PEEK)
6	Lower gland	ASTM A276 TYPE 316
7	Bonnet	ASTM A479 TYPE 316
8	Regulating tip	ASTM A479 TYPE 316
9	Global tip	ASTM A479 TYPE 316

*Manifold Body : ASTM - SA - 479 TYPE 316

*Bonnet Lock Screw : 316 Stainless Steel

*Option PEEK packing is available high temperature applications.

Up to 315°C

Ordering information and technical data

HOW TO ORDER

Body style : Vertical
Manifold type : 2 Valve Manifold
Bonnet needle valve style : N

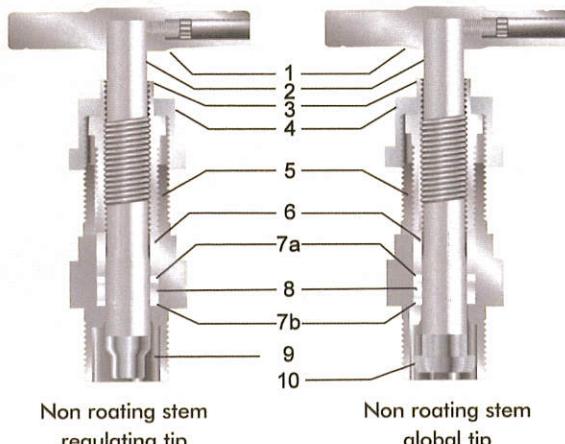
Body material :Stainless Steel

Porcess Connections : 1/2"Female NPT

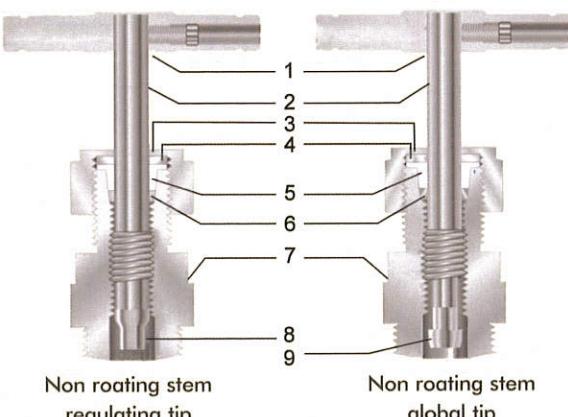
Isolation bonnet needle valve style : S

Options : "-P" packing is PEEK
Options : "-G" packing is GRAFOIL
"-S" Tip is Global

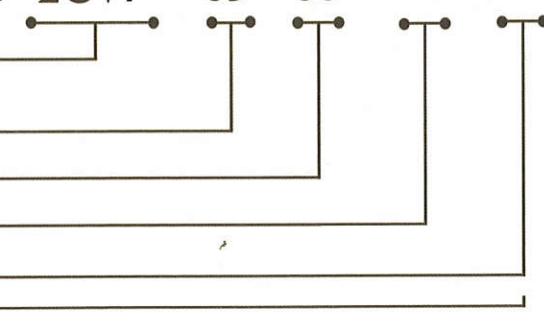
B type bonnet needle valves (ISOLATING)



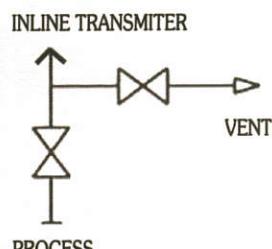
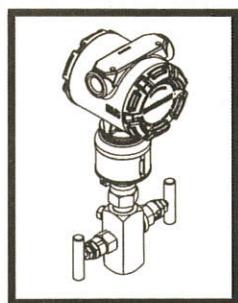
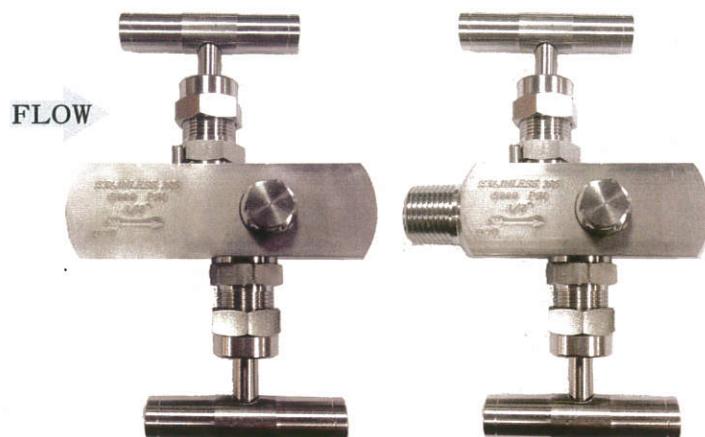
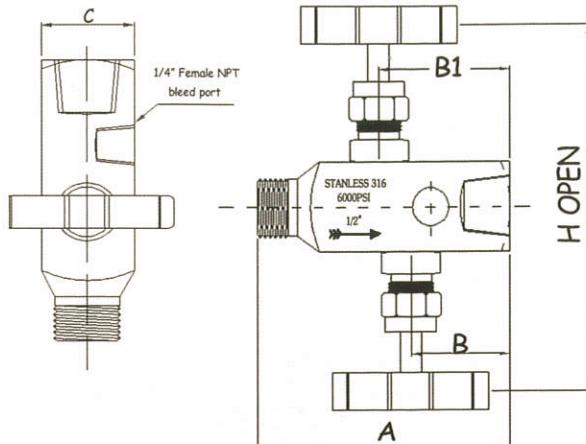
N type bonnet needle valves (VENT)



Example : 2GVF - S3 - 80 -

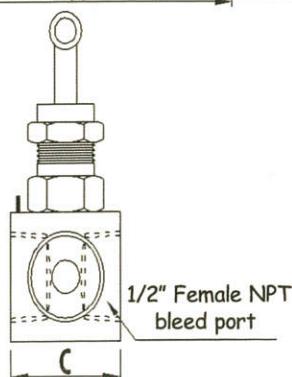
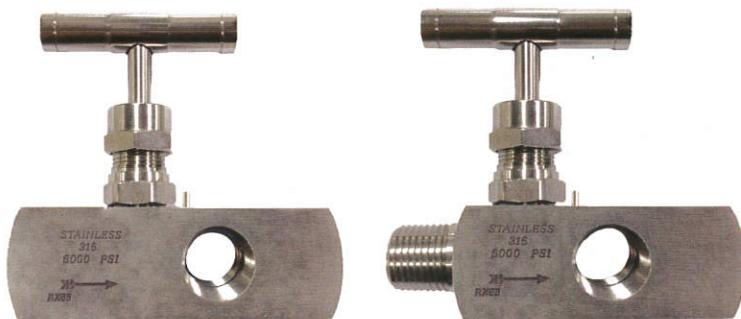
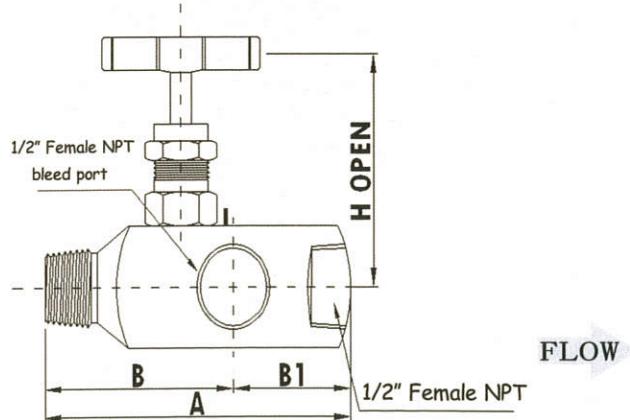


Block and Bleed 2 Valve 2GVF



Ordering Number	End Connections		Cv	Orifice in.(mm)	Dimensions,in.(mm)				
	Type	Size			A	B	B1	C	H
2GVF-S3-80	Female NPT PT	1/2 in	0.73	0.252(6.4)	101	43	55	30	145
2GVMF-S3-80	Male to Female NPT PT	1/2 in							
2GVMF-S3-120-80		3/4 to 1/2 in							

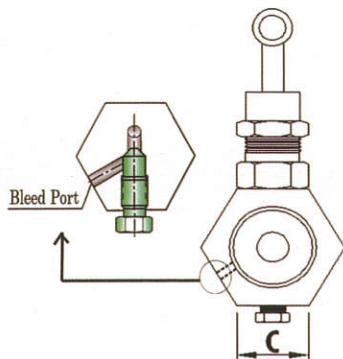
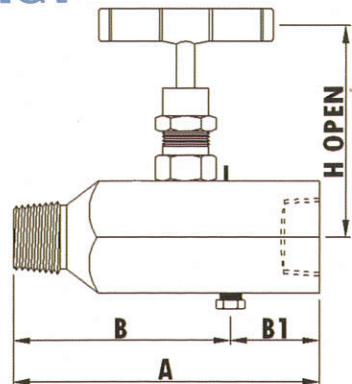
Block and Bleed,Multi-Port MGV



Ordering Number	End Connections		Cv	Orifice in.(mm)	Dimensions,in.(mm)				
	Type	Size			A	B	B1	C	H
MGVF-S3-80-98	Female NPT PT	1/2 in	0.73	0.252(6.4)	98	62			
MGVF-S3-80-129					129	93			
MGVF-S3-80-178					178	142			
MGVMP-S3-80-100	Male to Female NPT PT	1/2 in	0.73	0.252(6.4)	100	64			
MGVMP-S3-80-136					136	100	36	30	82
MGVMP-S3-80-185					185	149			
MGVMP-S3-120-80-100		3/4 to 1/2 in	0.73	0.252(6.4)	100	64			
MGVMP-S3-120-80-136					136	100			
MGVMP-S3-120-80-185					185	149			

Block and Bleed VALVE

HGV



Ordering Number	End Connections		Cv	Orifice in.(mm)	Dimensions,in.(mm)				
	Type	Size			A	B	B1	C	H
HGV-S3-80	Female NPT,PT	1/2 in	0.73	0.252(6.4)	80	50	30	19	70
HGV-S3-80	Male NPT,PT	1/2 in			102	59	43		
HGVMF-S3-80	Male to Female NPT,PT	1/2 in			89	59	30		
HGVMF-S3-120-80	3/4 in to 1/2 in								

FIVE VALVE

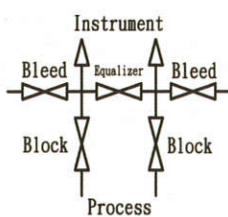
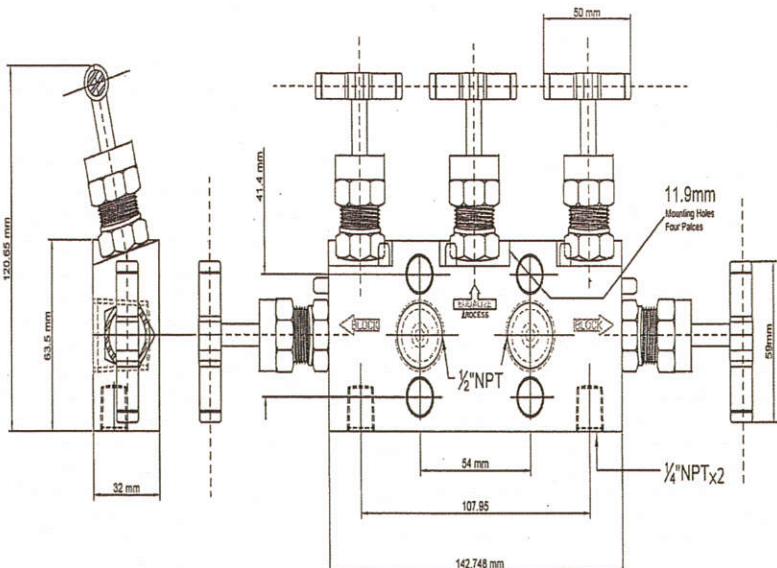
MV5VN

Direct mounting Pipe to Flange

Designed for differential pressure

transmitters applications.

The 5 - valve manifold Consist of one
equalizer valve 、 two bleeds and two block valves .



Ordering No.	Manifold body style	Bonnet valve design	End connection	Stem tip	Packing
MV5VB-S3-80-FL	Vertical	B type	1/2 in Female NPT (P.T.)	Regulating Stem	PTFE
MV5VB-S3-80-FL-G					Grafoil
MV5VB-S3-80-FL-E	N type	To Flange (MSS)	Flange (MSS)	Regulating Stem	PEEK
MV5VN-S3-80-FL					PTFE
MV5VN-S3-80-FL-E					PEEK

- ◎工作壓力達6000psig(413 bar)
- ◎全316不鏽鋼結構，帶有PTFE襯墊
- ◎用PEEK(R)閥襯墊時，溫度達315°C (600°F)
- ◎用Grafoil(R)閥襯墊時，溫度達648°C (1200°F)