

FEATURES

- Back seating to prevent stem blow-out

APPLICATION

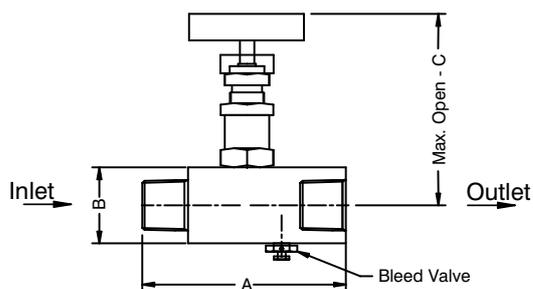
- Isolation & Venting of gauges, switches & other instruments
- Liquid & gas services



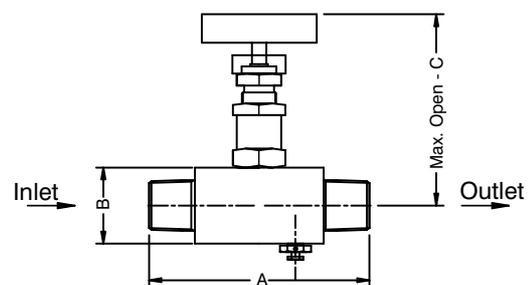
STANDARD SPECIFICATIONS

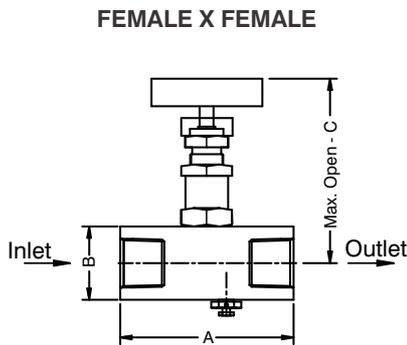
Stem type	:	Hard seated stem
Wetted parts	:	AISI 316 SS
Instrument connection	:	1/2" NPT (F)
Stem packing	:	PTFE
Process connection	:	1/2" NPT (M)
Stem	:	Conical metal tip
Max. working pressure	:	413.7 bar (6000 psi)
Max. working temperature	:	240°C
"T" bar handle	:	AISI 304 SS
Drain plug	:	M8 x 1mm (F), plugged

MALE X FEMALE



MALE X MALE





All dimensions are in mm

Size	Type	A	B	Max. open - C
NPT 1/4"	F x F	70	25	65
	M x F	70	25	65
	M x M	75	25	65
NPT 3/8"	F x F	70	25	65
	M x F	70	25	65
	M x M	75	25	65
NPT 1/2"	F x F	75	32	86.6
	M x F	83	32	86.6
	M x M	88	32	86.6
NPT 3/4"	F x F	75	38	86.6
	M x F	83	38	86.6
	M x M	88	38	86.6

ORDERING CODES

1. STEM TYPE		HS		
HS	Hard seated stem (Metal)			
2. WETTED PARTS		MF		
MB	Carbon Steel / ASTM A105			
MC	AISI 304 SS		MF	AISI 316 SS
MG	AISI 316L SS		MM	Monel 400
MN	Monel K-500		MO	Hastelloy C-276
3. INSTRUMENT CONNECTION		04N		
11N	1/8" NPT (M)		12N	1/4" NPT (M)
13N	3/8" NPT (M)		14N	1/2" NPT (M)
11B	1/8" BSP (M)		12B	1/4" BSP (M)
13B	3/8" BSP (M)		14B	1/2" BSP (M)
01N	1/8" NPT (F)		02N	1/4" NPT (F)
03N	3/8" NPT (F)		04N	1/2" NPT (F)
01B	1/8" BSP (F)		02B	1/4" BSP (F)
03B	3/8" BSP (F)		04B	1/2" BSP (F)
1SW	1/8" Socket-Weld			
2SW	1/4" Socket-Weld			
4SW	1/2" Socket-Weld			
5SW	3/4" Socket-Weld			

4. STEM PACKING		P		
P	PTFE		G	Grafoil
5. PROCESS CONNECTION		14N		
11N	1/8" NPT (M)		12N	1/4" NPT (M)
13N	3/8" NPT (M)		14N	1/2" NPT (M)
11B	1/8" BSP (M)		12B	1/4" BSP (M)
13B	3/8" BSP (M)		14B	1/2" BSP (M)
01N	1/8" NPT (F)		02N	1/4" NPT (F)
03N	3/8" NPT (F)		04N	1/2" NPT (F)
01B	1/8" BSP (F)		02B	1/4" BSP (F)
03B	3/8" BSP (F)		04B	1/2" BSP (F)
1SW	1/8" Socket-Weld			
2SW	1/4" Socket-Weld			
4SW	1/2" Socket-Weld			
5SW	3/4" Socket-Weld			
6. OTHER OPTIONS		XL		
D2	1/4" NPTF drain with plug			
XY	Circular Handle			
TN	Tested to NACE standards			
TO	Certification for Oxygen service			
TM	Material test certificate 2.2			
TH	Hydro test certificate			
TC	Material test certificate 3.1			
XL	Marking by laser			

Ordering Example : V102-HS-MF-04N-P-14N-XL

APPLICABLE ACCESSORIES

A503	Drain plug
A505	Bleeder
A507	Ring for flanged seal
A508	Sealing gasket

NOTES:
1. Other connections are available, please contact factory for details.
2. Valve stem dust covers shall be identified with color codes according to their function as ; Blue = ISOLATE