

FEATURES

- Back seating to prevent stem blow-out

APPLICATION

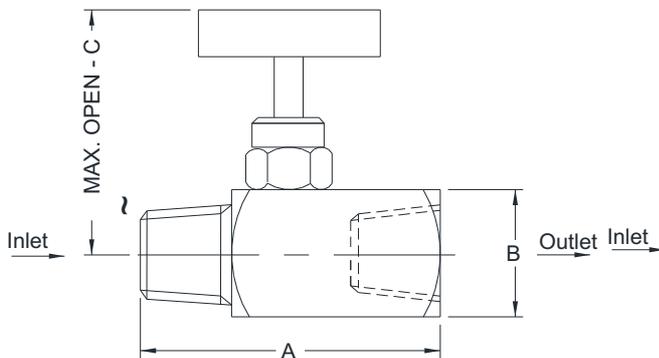
- Isolation & Venting of gauges, switches & other instruments
- Liquid & gas services



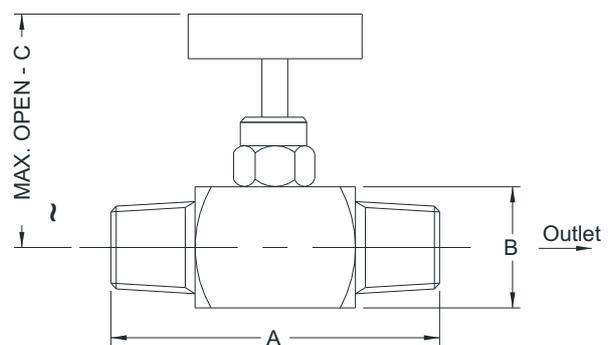
STANDARD SPECIFICATIONS

Stem type	:	Standard stem
Wetted parts	:	AISI 316 SS
Instrument connection	:	1/4" NPT (F) / 1/4" BSP (F)
Stem packing	:	Viton
Process connection	:	1/4" NPT (F) / 1/4" BSP (F)
Stem	:	Single bonnet
Max. working pressure	:	103.425 bar (1500 psi)
Max. working temperature	:	120°C
"T" bar handle	:	AISI 304 SS

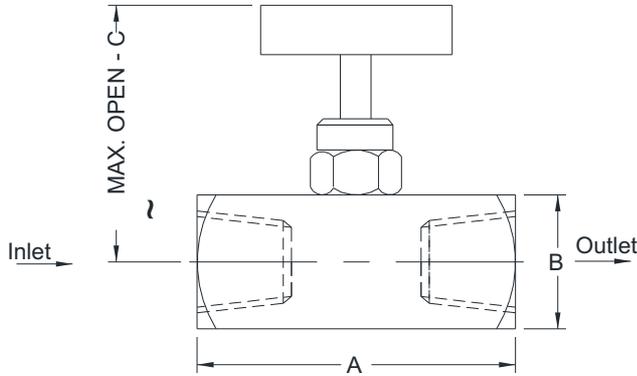
MALE X FEMALE



MALE X MALE



FEMALE X FEMALE



Size	Type	A	B	Max. open - C
NPT 1/8"	F x F	45	19	44
	M x F	45	19	44
	M x M	45	19	44
NPT 1/4"	F x F	45	19	44
	M x F	45	19	44
	M x M	45	19	44
NPT 3/8"	F x F	55	22	56
	M x F	55	22	56
	M x M	55	22	56
NPT 1/2"	F x F	50	25	50
	M x F	50	25	50
	M x M	50	25	50

All dimensions are in mm

ORDERING CODES

1. STEM TYPE

ST Standard stem

ST

2. WETTED PARTS

MB Carbon Steel / ASTM A105
MC AISI 304 SS
MF AISI 316 SS
MG AISI 316L SS

MF

3. INSTRUMENT CONNECTION

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)

04N

4. STEM PACKING

P PTFE **G** Grafoil
V Viton

V

5. PROCESS CONNECTION

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)

04N

6. OTHER OPTIONS

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

XL

Ordering Example : V105-ST-MF-04N-V-04N-XL

NOTES:

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