

FEATURES

- Back seating to prevent stem blow-out

APPLICATIONS

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

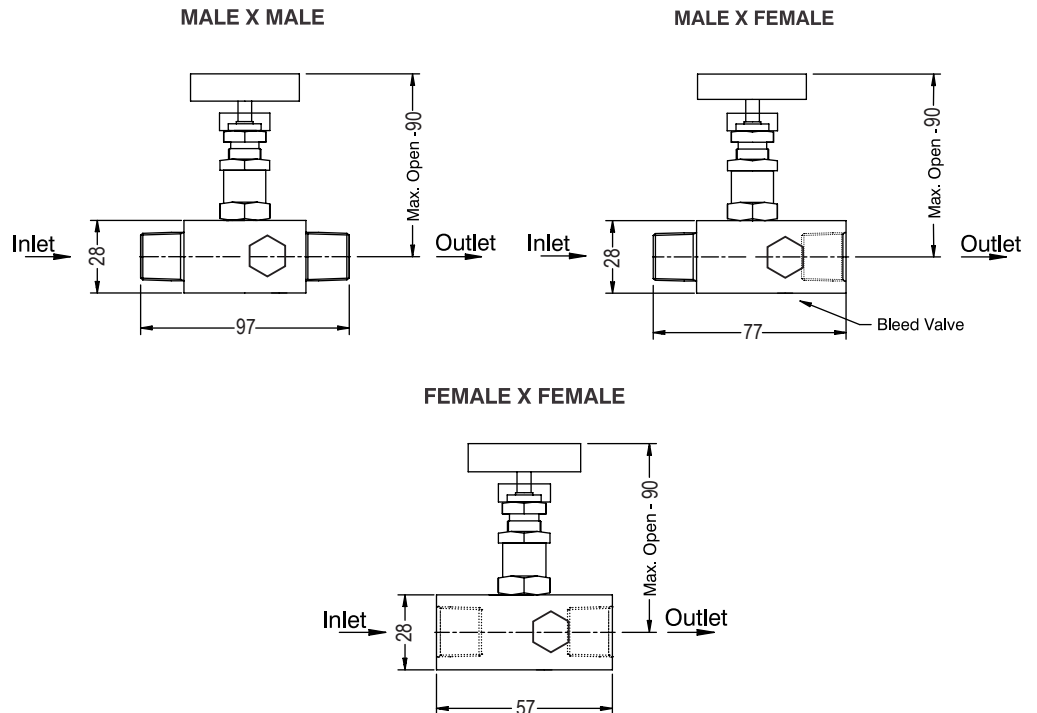
Block & Bleed



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	: 6000 psi
Max. working temperature	: 240°C
"T" bar handle	: AISI 316 SS
Drain plug	: 1/4" NPT (F), plugged

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. STEM TYPE

HS	Hard seated stem (Metal)	HS
-----------	--------------------------	-----------

2. WETTED PARTS

MB	Carbon Steel / ASTM A105	MF	AISI 316 SS	MF
MC	AISI 304 SS	MM	Monel	
MG	AISI 316L SS	MO	Hastelloy C-276	
MD	Super Duplex			

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)	04N
01B	1/8" BSP (F)	02B	1/4" BSP (F)	
03B	3/8" BSP (F)	04B	1/2" BSP (F)	

5. PROCESS CONNECTION

11N	1/8" NPT (M)	12N	1/4" NPT (M)	
13N	3/8" NPT (M)	14N	1/2" NPT (M)	14N
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)	

6. OTHER OPTIONS

D2	1/4" NPTF drain with plug	
TN	NACE standards	
TO	Use for Oxygen service	
TC	Material test certificate	
TH	Hydro test certificate	
XL	Marking by laser	XL

4. STEM PACKING

P	PTFE	G	Grafoil	P
----------	------	----------	---------	----------

Ordering Example : B8-HS-MF-04N-P-14N-XL

STANDARD EXECUTION

PACKING MATERIAL	PRESSURE VS TEMPERATURE	
PTFE (High Pressure)	690 bar at 38 °C	10.000 psi at 100 °F
	420 bar at 38 °C	3000 psi at 100 °F
PTFE	276 bar at 204 °C	4000 psi at 400 °F
	420 bar at 38 °C	6000 psi at 100 °F
Graphite	209 bar at 538 °C	3000 psi at 1000 °F

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.