

Block & Bleed



FEATURES

- Back seating to prevent stem blow-out

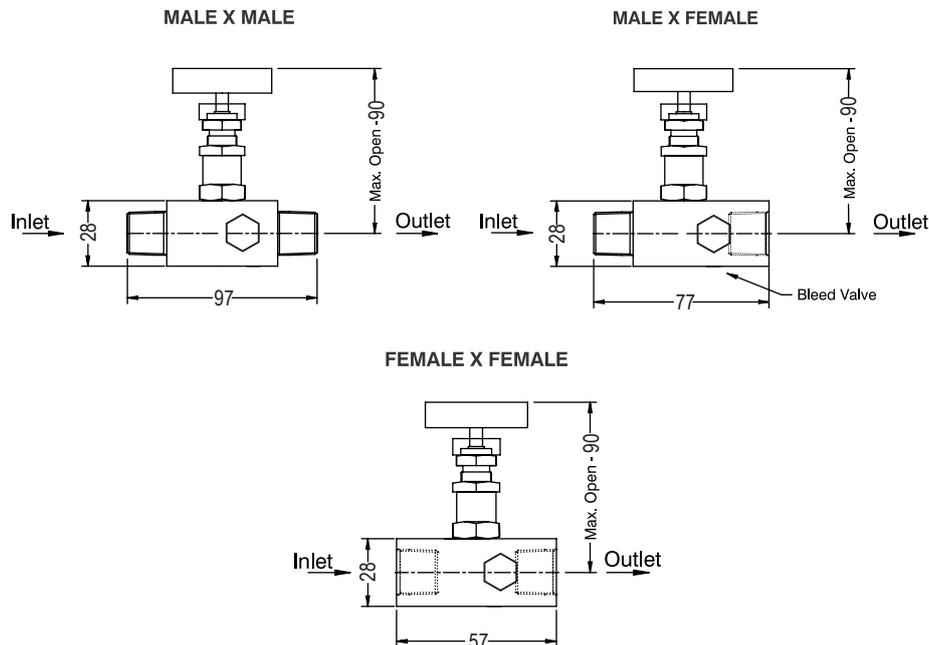
APPLICATIONS

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

STANDARD PARAMETERS

Stem type	Hard seated stem
Wetted parts	AISI 316 SS
Instrument connection	½" NPT (F)
Stem packing	PTFE
Process connection	½" NPT (M)
Stem	Conical metal tip
Max. working pressure	6000 psi
Max. working temperature	240°C
"T" bar handle	AISI 316 SS
Drain plug	¼" NPT (F), plugged

DIMENSIONAL DRAWING



All dimensions are in mm.

ORDERING CODES

1. STEM TYPE		HS		5. PROCESS CONNECTION				04N	
HS	Hard seated stem (Metal)			11N	1/8" NPT (M)	12N	1/4" NPT (M)		
				13N	3/8" NPT (M)	14N	1/2" NPT (M)		
2. WETTED PARTS		MF		11B	1/8" BSP (M)	12B	1/4" BSP (M)		
MB	Carbon Steel / ASTM A105	MF	AISI 316 SS	13B	3/8" BSP (M)	14B	1/2" BSP (M)		
MC	AISI 304 SS	MM	Monel	01N	1/8" NPT (F)	02N	1/4" NPT (F)		
MG	AISI 316L SS	MO	Hastelloy C-276	03N	3/8" NPT (F)	04N	1/2" NPT (F)		
MD	Super Duplex			01B	1/8" BSP (F)	02B	1/4" BSP (F)		
				03B	3/8" BSP (F)	04B	1/2" BSP (F)		
3. INSTRUMENT CONNECTION		04N		6. OTHER OPTIONS				XL	
11N	1/8" NPT (M)	12N	1/4" NPT (M)	D2	1/4" NPT (F) drain with plug				
13N	3/8" NPT (M)	14N	1/2" NPT (M)	TN	NACE standards				
11B	1/8" BSP (M)	12B	1/4" BSP (M)	TO	Use for Oxygen service				
13B	3/8" BSP (M)	14B	1/2" BSP (M)	TC	Material test certificate				
01N	1/8" NPT (F)	02N	1/4" NPT (F)	TH	Hydro test certificate				
03N	3/8" NPT (F)	04N	1/2" NPT (F)	XL	Marking by laser				
01B	1/8" BSP (F)	02B	1/4" BSP (F)						
03B	3/8" BSP (F)	04B	1/2" BSP (F)						
4. STEM PACKING		ME							
ME	PTFE								
MA	Grafoil								

Ordering Example:

MT-M100NV-HS-MF-04N-ME-04N-XL

STANDARD EXECUTION

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