

## FEATURES

- Back seating to prevent stem blow-out

## APPLICATIONS

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

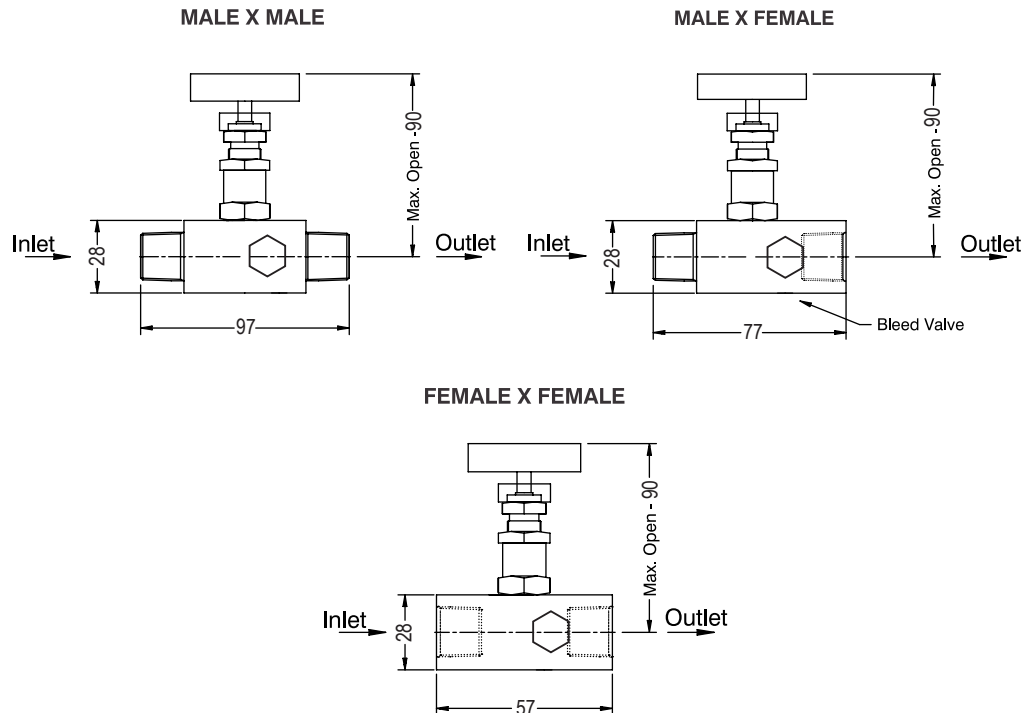
## Block & Bleed



## 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

<b>HS</b>	Hard seated stem (Metal)	<b>HS</b>
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### 2. WETTED PARTS

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

### 3. INSTRUMENT CONNECTION

<b>11N</b>	1/8" NPT (M)	<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	<b>14N</b>	1/2" NPT (M)	
<b>11B</b>	1/8" BSP (M)	<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	<b>04N</b>	1/2" NPT (F)	<b>04N</b>
<b>01B</b>	1/8" BSP (F)	<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	<b>04B</b>	1/2" BSP (F)	

### 5. PROCESS CONNECTION

<b>11N</b>	1/8" NPT (M)	<b>12N</b>	1/4" NPT (M)	
<b>13N</b>	3/8" NPT (M)	<b>14N</b>	1/2" NPT (M)	<b>14N</b>
<b>11B</b>	1/8" BSP (M)	<b>12B</b>	1/4" BSP (M)	
<b>13B</b>	3/8" BSP (M)	<b>14B</b>	1/2" BSP (M)	
<b>01N</b>	1/8" NPT (F)	<b>02N</b>	1/4" NPT (F)	
<b>03N</b>	3/8" NPT (F)	<b>04N</b>	1/2" NPT (F)	
<b>01B</b>	1/8" BSP (F)	<b>02B</b>	1/4" BSP (F)	
<b>03B</b>	3/8" BSP (F)	<b>04B</b>	1/2" BSP (F)	

### 6. OTHER OPTIONS

<b>D2</b>	1/4" NPT (F) drain with plug	
<b>TN</b>	NACE standards	
<b>TO</b>	Use for Oxygen service	
<b>TC</b>	Material test certificate	
<b>TH</b>	Hydro test certificate	
<b>XL</b>	Marking by laser	<b>XL</b>

### 4. STEM PACKING

<b>ME</b>	PTFE	<b>MA</b>	Grafoil	<b>ME</b>
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Ordering Example : B8-HS-MF-04N-ME-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.