



## Bleed and Purge Valves

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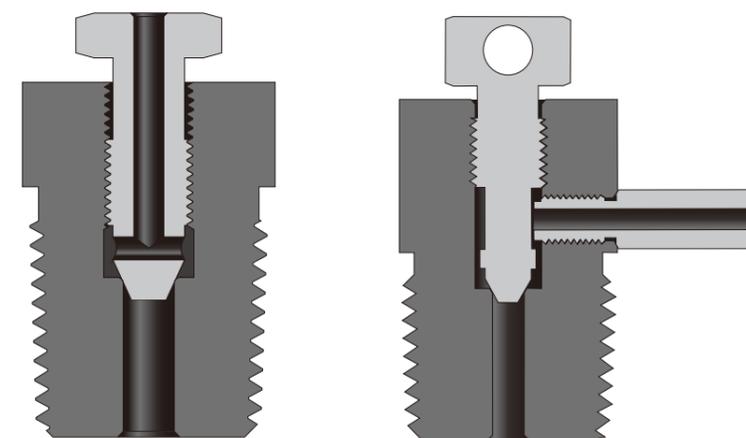
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## Bleed Valves

### 63 Series

#### Introduction

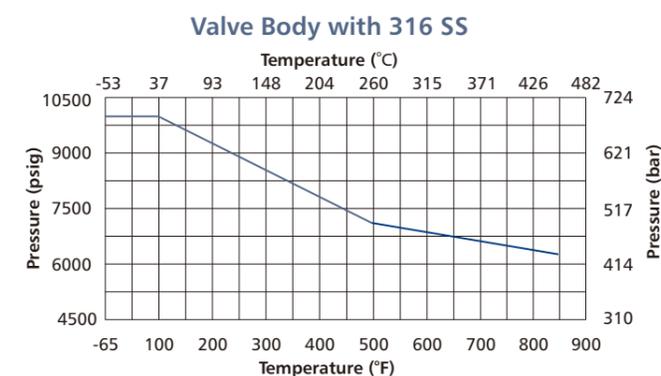
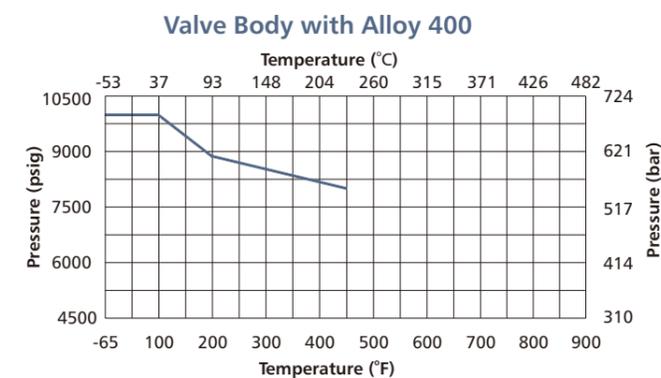
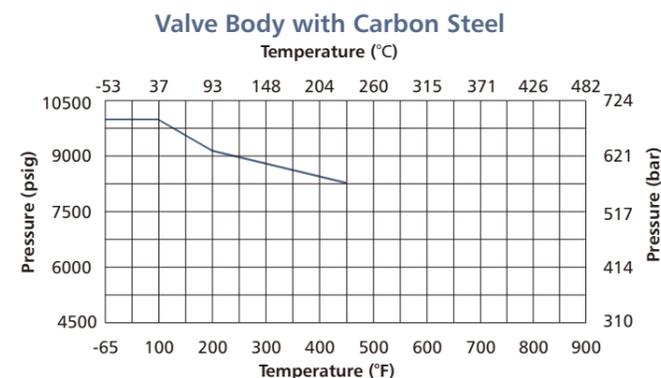
Bleed valves can be used on instrument devices such as multi-valve manifolds or gauge valves to vent signal line pressure to atmosphere before removal of an instrument or to assist in calibration.



## Features

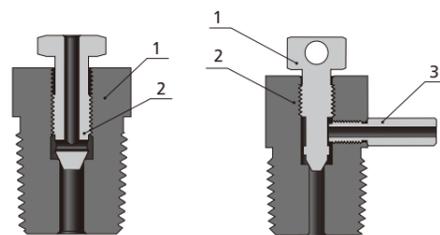
- Compact design for easy installation
- Chrome-plated stem and tip to extend cycle life
- Maximum working pressure: 10000 psig (690 bar)
- Working temperature: -65°F to 850°F (-53°C to 454°C)
- Variety of end connections
- Stainless steel, carbon steel and alloy R-405 available
- Suitable for sour gas service; materials are selected in accordance with NACE MR0175/ISO 15156.
- Every valve is 100% factory tested with nitrogen.

## Pressure vs. Temperature



## Standard Materials of Construction

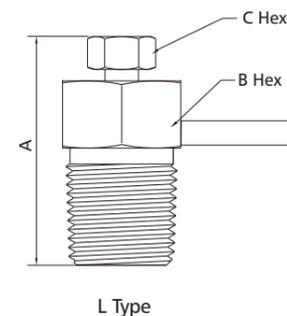
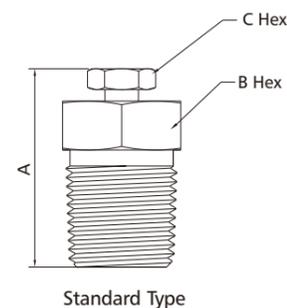
Component	Valve Body Material Grade/ASTM Specification		
	316 SS	Carbon Steel	Alloy R-400
1 Body	316 SS/A479	1018/A108	R-400/B164 Alloy
2 Stem	Chrome-plated 316 SS/A276	Chrome-plated 316 SS/A276	R-400/B164 Alloy
3 Vent Tube	316 SS/A276	316 SS/A276	R-400/B164 Alloy



1. Lubricant is nickel antiseize, hydrocarbon carrier.

2. Contact the authorized representative or VFK for other materials.

## Dimensions



Basic Ordering Number	Inlet Type and Size	Dimension, in. (mm)		
		A (open)	B	C
□□63 -N2	1/8 Male NPT	1.56 (39.6)	5/8 (15.9)	7/16 (11.1)
□□63 -N4	1/4 Male NPT			
□□63 -N6	3/8 Male NPT	1.69 (42.9)	7/8 (22.2)	
□□63 -N8	1/2 Male NPT			
□□63 -RT4	1/4 Male BSPT	1.56 (39.6)	5/8 (15.9)	
□□63 -RT6	3/8 Male BSPT			
□□63 -RT8	1/2 Male BSPT	1.69 (42.9)	7/8 (22.2)	
□□63 -MS14	M14 x 1.5 Male ISO			
□□63 -MS20	M20 x 1.5 Male ISO	1.69 (42.9)	7/8 (22.2)	
□□63 -N2-L	1/8 Male NPT			
□□63 -N4-L	1/4 Male NPT	1.57 (40.0)	5/8 (15.9)	
□□63 -N6-L	3/8 Male NPT			
□□63 -N8-L	1/2 Male NPT	1.74 (44.2)	7/8 (22.2)	
□□63 -RT4-L	1/4 Male BSPT			
□□63 -RT6-L	3/8 Male BSPT	1.57 (40.0)	5/8 (15.9)	
□□63 -RT8-L	1/2 Male BSPT			
		1.74 (44.2)	7/8 (22.2)	

## Caution

These bleed valves don't have a cap thread seal, so open the valve slowly and direct the vent hole away from the operator. These valves contain no packing, so some fluid weepage will occur when the valves are opened.

## 63 Series How to Order

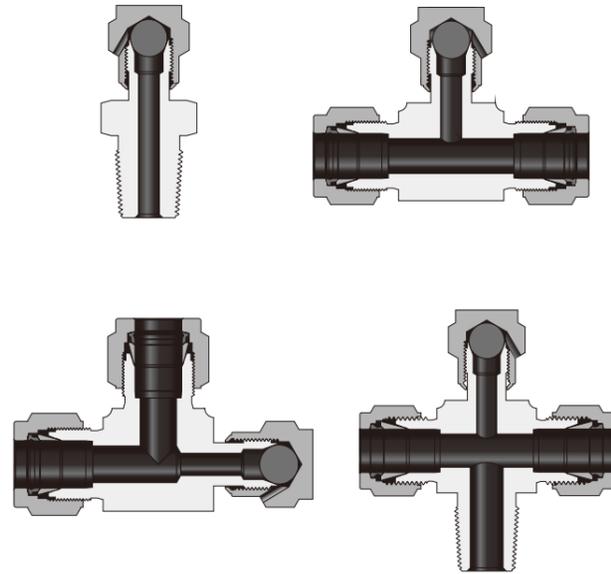
A	B	C	D	E	F	G	H
Body Material	Valve Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Body Style	NACE MR0175
SS	63	FN	8	MX	10	L	SG
<b>A</b> Body Material		<b>CE</b> Inlet/Outlet Type		<b>G</b> Body Style			
<b>SS:</b> 316 SS		<b>N</b> Male NPT		<b>Standard Type</b>			
<b>6L:</b> 316L SS		<b>R</b> Male BSPT		<b>L</b> L Type Body with Side Bleed Tube			
<b>S4:</b> 304 SS		<b>MS</b> Male ISO (for MRG)					
<b>D5:</b> Duplex 2205		<b>BP</b> Male BSPP (for RG)					
<b>D7:</b> Duplex 2507							
<b>M:</b> Alloy 400							
<b>INC:</b> Alloy 600							
<b>HC:</b> Alloy C-276							
<b>B</b> Valve Series		<b>DF</b> Inlet/Outlet Size				<b>H</b> NACE MR0175	
<b>63:</b> 63 Series Bleed Valves		<b>2</b> 1/8"				<b>Standard with no NACE applicable</b>	
		<b>4</b> 1/4"				<b>SG</b> With NACE MR0175	
		<b>6</b> 3/8" or 6 mm					
		<b>8</b> 1/2" or 8 mm					
		<b>14</b> 14 mm or M14 x 1.5					
		<b>20</b> M20 x 1.5					

# Purge Valves

## 62 Series

### Introduction

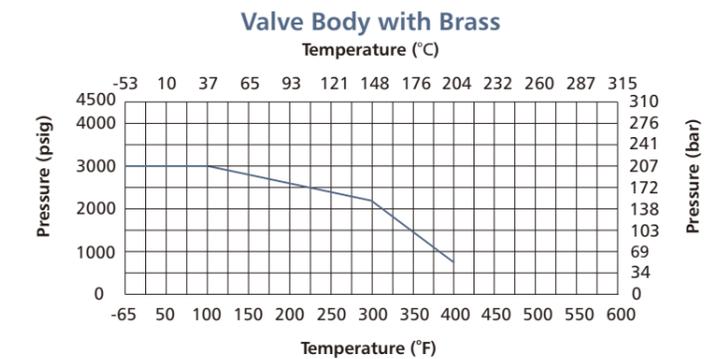
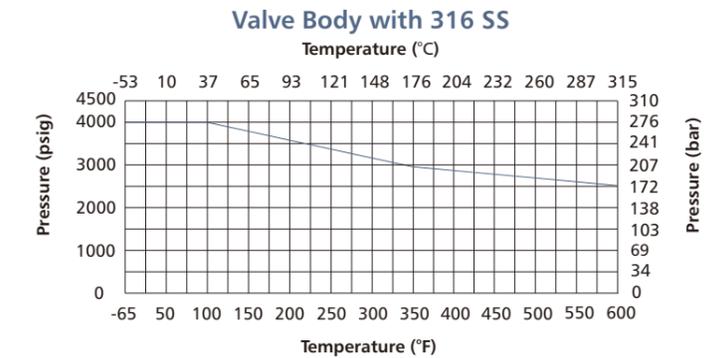
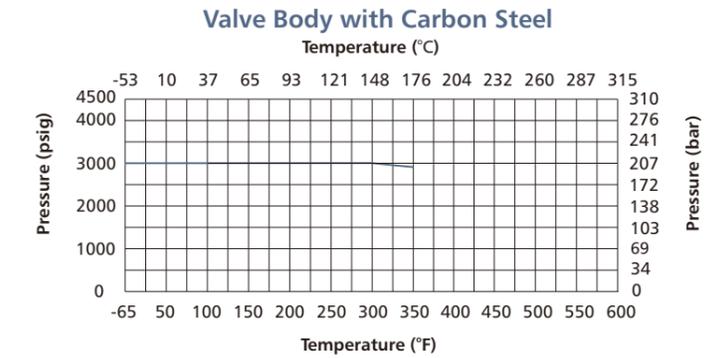
Purge valves are manual bleed, vent or drain valves. The cap is used to release system pressure. One-quarter turn with a wrench from finger-tight obtains leaktight closure on first makeup. Snugging with a wrench ensures closure to the rated pressure with subsequent makeups.



## Features

- Compact design for easy installation
- Bonnet crimped to valve body to prevent accidental disassembly
- Maximum working pressure: 4000 psig (276 bar)
- Working temperature: -65°F to 600°F (-53°C to 315°C)
- 316 stainless steel, brass and carbon steel materials available
- Leak-tight performance testing for every valve with nitrogen at the maximum working pressure
- Suitable for sour gas service; materials are selected in accordance with NACE MR0175/ISO 15156.
- Every valve is 100% factory tested with nitrogen.

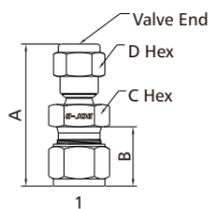
## Pressure vs. Temperature



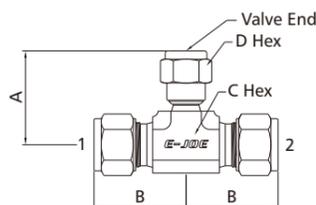
## Standard Materials of Construction

Component	Valve Body Material Grade/ASTM Specification		
	316 SS	Brass	Steel
Body	316 SS/A182 316 SS/A479	Brass 360/B16 Brass 377/B283	12L4/A108 Chromium-plated
Cap	316 SS/A276	Brass 360/B16	12L4/A108 Chromium-plated
Poppet (Ball)	316 SS/A276	316 SS/A276	316 SS/A276

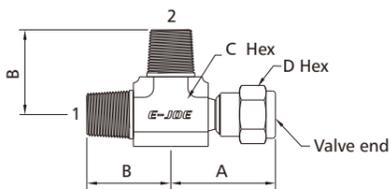
## Models and Dimensions



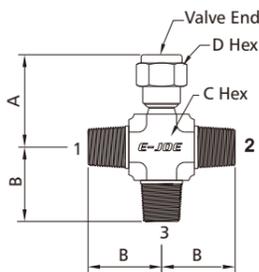
Standard Type L



Type TL



Type TA



Type C

## Caution:

These purge valves don't have a cap thread seal, so open the valve slowly and direct the vent hole away from the operator. These valves contain no packing, so some fluid weepage will occur when the valves are opened.

Basic Ordering Number	Connection Type and Size		Dimension, in. (mm)			
			Amax	B	C	D
□□62- (L Type)	-FJ2	1/8" E-JOE	1.84 (46.7)	0.59 (15.0)	5/8 (15.9)	1/2 (12.7)
	-FJ4	1/4" E-JOE	1.94 (49.3)	0.69 (17.5)	5/8 (15.9)	1/2 (12.7)
	-FJ6	3/8" E-JOE	2.03 (51.6)	0.75 (19.1)	3/4 (19.1)	5/8 (15.9)
	-FJ8	1/2" E-JOE	2.19 (55.6)	0.88 (22.4)	7/8 (22.2)	3/4 (19.1)
	-MJ6	6 mm E-JOE	1.94 (49.3)	0.69 (17.5)	5/8 (15.9)	1/2 (12.7)
	-MJ8	8 mm E-JOE	2.00 (50.8)	0.72 (18.3)	5/8 (15.9)	1/2 (12.7)
	-Mj10	10 mm E-JOE	1.05 (26.7)	0.75 (19.1)	3/4 (19.1)	5/8 (15.9)
	-MJ12	12 mm E-JOE	1.05 (26.7)	0.88 (22.4)	7/8 (22.2)	3/4 (19.1)
	-FN2	1/8 Female NPT	1.56 (39.6)	0.53 (13.5)	5/8 (15.9)	1/2 (12.7)
	-FN4	1/4 Female NPT	1.75 (44.4)	0.72 (18.3)	5/8 (15.9)	5/8 (15.9)
	-FN6	3/8 Female NPT	1.81 (46.0)	0.78 (19.8)	7/8 (22.2)	3/4 (19.1)
	-FN8	1/2 Female NPT	1.98 (50.3)	0.97 (24.6)	1 1/16 (26.9)	7/8 (22.2)
□□62-TL □□62-TA □□62-C	-N2	1/8 Male NPT	1.62 (41.1)	0.38 (9.7)	5/8 (15.9)	1/2 (12.7)
	-N4	1/4 Male NPT	1.81 (46.0)	0.56 (14.2)	5/8 (15.9)	5/8 (15.9)
	-N6	3/8 Male NPT	1.84 (46.7)	0.56 (14.2)	3/4 (19.1)	3/4 (19.1)
	-N8	1/2 Male NPT	2.09 (53.1)	0.75 (19.1)	7/8 (22.2)	7/8 (22.2)
	-FJ2	1/8" E-JOE	0.90 (22.9)	0.88 (22.4)	5/8 (15.9)	1/2 (12.7)
	-FJ4	1/4" E-JOE	1.08 (27.3)	1.06 (26.9)	5/8 (15.9)	1/2 (12.7)
	-FJ6	3/8" E-JOE	1.22 (31.0)	1.20 (30.5)	3/4 (19.1)	5/8 (15.9)
	-FJ8	1/2" E-JOE	1.44 (36.6)	1.42 (36.1)	7/8 (22.2)	3/4 (19.1)
	-MJ6	6 mm E-JOE	1.08 (27.5)	1.06 (27.0)	5/8 (15.9)	1/2 (12.7)
	-MJ8	8 mm E-JOE	14.97 (30.4)	14.95 (29.9)	5/8 (15.9)	1/2 (12.7)
	-MJ10	10 mm E-JOE	1.34 (34.0)	1.32 (33.5)	3/4 (19.1)	5/8 (15.9)
	MJ12	12 mm E-JOE	1.43 (36.5)	1.41 (36.0)	7/8 (22.2)	3/4 (19.1)
-FN2	1/8 Female NPT	0.68 (17.3)	0.66 (16.8)	5/8 (15.9)	1/2 (12.7)	
-FN4	1/4 Female NPT	0.90 (22.9)	0.88 (22.4)	5/8 (15.9)	5/8 (15.9)	
-FN6	3/8 Female NPT	1.03 (26.2)	1.01 (25.7)	7/8 (22.2)	3/4 (19.1)	
-FN8	1/2 Female NPT	1.25 (31.7)	1.23 (31.2)	1 1/16 (26.9)	7/8 (22.2)	
-N2	1/8 Male NPT	0.78 (19.8)	0.76 (19.3)	5/8 (15.9)	1/2 (12.7)	
-N4	1/4 Male NPT	1.11 (28.2)	1.09 (27.7)	5/8 (15.9)	5/8 (15.9)	
-N6	3/8 Male NPT	1.24 (31.5)	1.22 (31.0)	3/4 (19.1)	3/4 (19.1)	
-N8	1/2 Male NPT	1.52 (37.8)	1.47 (37.3)	7/8 (22.2)	7/8 (22.2)	

## 62 Series How to Order

A	B	C	D	E	F	G	H
Body Material	Valve Series	Inlet Type	Inlet Size	Outlet Type	Outlet Size	Body Style	NACE MR0175
SS	62	FN	8	MJ	10	TL	SG

A	Body Material
SS:	316 SS
6L:	316L SS
S4:	304 SS
D7:	Duplex 2205
M:	Duplex 2507
INC:	Alloy 400
HC:	Alloy 600
	Alloy C-276

B	Valve Series
62:	62 Series Purge Valves

CE	Inlet/Outlet Type
N	Male NPT
R	Male BSPT
MS	Male ISO (for MRG)
BP	Male BSPP (for RG)

DF	Inlet/Outlet Size
2	1/8"
4	1/4"
6	3/8" or 6 mm
8	1/2" or 8 mm
14	14 mm or M14 x 1.5
20	M20 x 1.5

G	Body Style
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Standard with Straight L Type

TL	In-line Tee
TA	Angle Tee
C	Cross

H	NACE MR0175
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Standard with no NACE applicable

SG	With NACE MR0175
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