

Bleed Valves

BL Series

Introduction

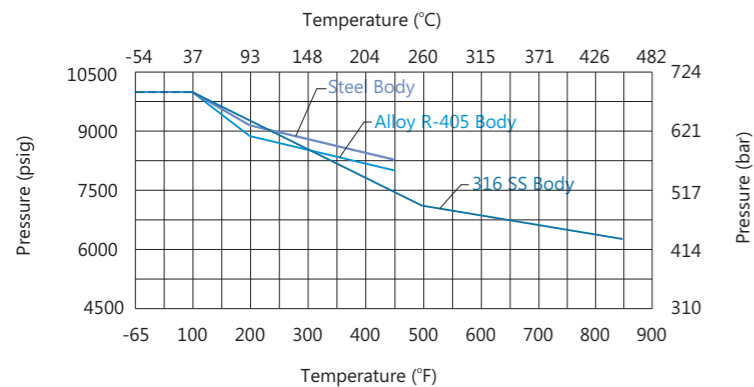
Bleed valves can be used on instrument devices such as multi-valve manifolds or gauge valves to vent signal line pressure to atmosphere before removal of an instrument or to assist in calibration.

Features

- ☆ Compact design for easy installation
- ☆ Chrome-plated stem and tip to extend cycle life
- ☆ Maximum working pressure: 10000 psig (689 bar)
- ☆ Working temperature: -65°F to 850°F (-54°C to 454°C)
- ☆ Variety of end connections
- ☆ Stainless steel, carbon steel and alloy R-405 available
- ☆ Leak-tight performance testing for every valve with nitrogen at 6000 psig



Pressure vs. Temperature

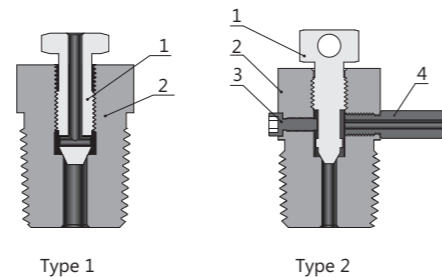


Contact the authorized representative or FINELOK for curve graph of other materials.

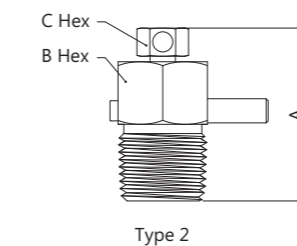
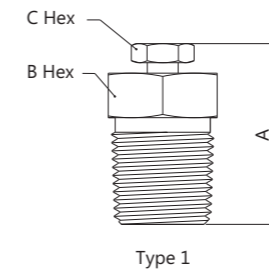
Standard Materials of Construction

Component	Valve Body Material Grade/ASTM Specification		
	316 SS	Carbon Steel	Alloy 400
1 Stem	Chrome-plated 316 SS/A276	Chrome-plated 316 SS/A276	Alloy 400/B164
2 Body	316 SS/A479	1018/A108	Alloy 400/B164
3 Back stop screw	316 SS	316 SS	Alloy 400
4 Vent tube	316 SS/A269	316 SS/A269	Alloy 400/B165

1. Lubricant is nickel antiseize, hydrocarbon carrier.
2. Contact the authorized representative or FINELOK for other materials.



Dimensions



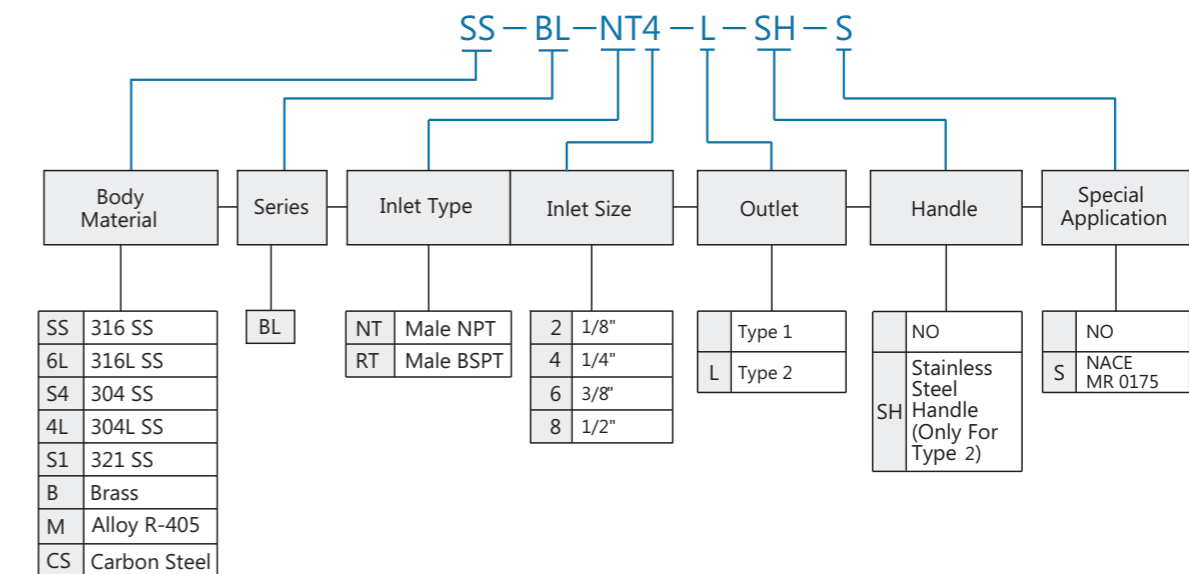
Type	Basic Ordering Number	Inlet Type and Size	Dimension, in. (mm)		
			A (Close)	B	C
Type 1	-BL-NT4	1/4 Male NPT	1.31 (33.4)	5/8 (15.9)	7/16 (11.1)
	-BL-NT6	3/8 Male NPT	1.46 (37.1)	7/8 (22.2)	
	-BL-NT8	1/2 Male NPT			
	-BL-RT4	1/4 Male BSPT	1.31 (33.4)	5/8 (15.9)	
	-BL-RT6	3/8 Male BSPT			
	-BL-RT8	1/2 Male BSPT			
Type 2	-BL-NT4-L	1/4 Male NPT	1.57 (40)	5/8 (15.9)	
	-BL-NT6-L	3/8 Male NPT	1.74 (44.2)	7/8 (22.2)	
	-BL-NT8-L	1/2 Male NPT			
	-BL-RT4-L	1/4 Male BSPT	1.57 (40)	5/8 (15.9)	
	-BL-RT6-L	3/8 Male BSPT			
	-BL-RT8-L	1/2 Male BSPT			

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.

Sizes and types listed are standard. Other sizes and types are available upon request. All dimensions are for reference only and are subject to change. For dimensions not shown above, please contact the authorized representative or FINELOK.

Ordering Information



Purge Valves

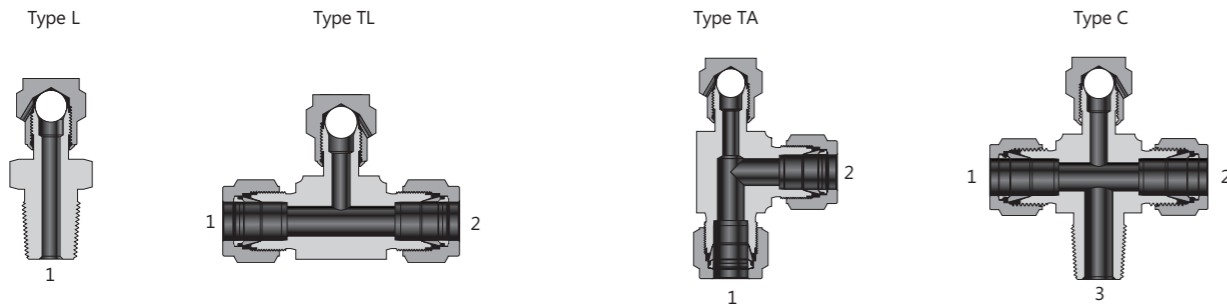
PU Series

Introduction

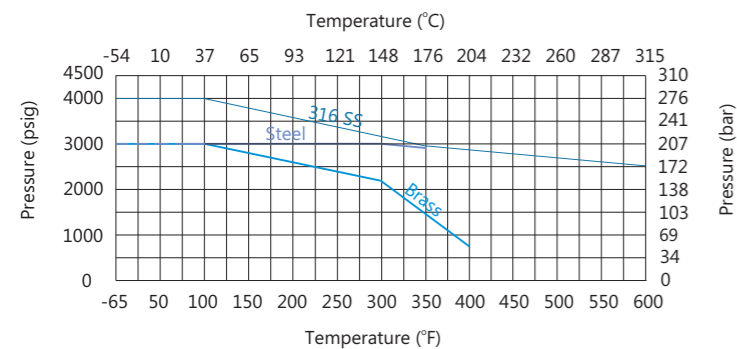
Purge valves are manual bleed, vent or drain valves. The cap is used to release system pressure. One-quarter turn with a wrench from finger-tight obtains leaktight closure on first makeup. Snugging with a wrench ensures closure to the rated pressure with subsequent makeups.

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 (-54°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



Pressure vs. Temperature



Contact the authorized representative or FINELOK for curve graph of other materials.

Standard Materials of Construction

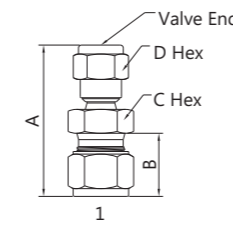
Component	Valve Body Material Grade/ASTM Specification		
	316 SS	Brass	Steel
Body	316 SS/A182 316 SS/A479	Brass C36000/B16 Brass C37700/B283	12L4/A108 Chromium-plated
Cap	316 SS/A276	Brass C36000/B16	12L4/A108 Chromium-plated
Poppet (Ball)	316 SS/A276	316 SS/A276	316 SS/A276

1. Lubricant: molybdenum disulfide-based and silicone-based.
2. Contact the authorized representative or FINELOK for other materials.

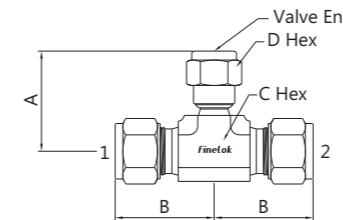


Models and Dimensions

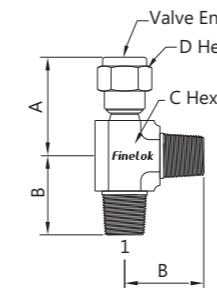
Type L



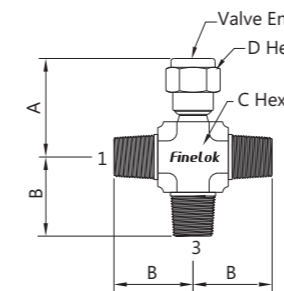
Type TL



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.

1. FINELOK means FINELOK double ferrule tube fittings.
2. Dimensions are shown with FINELOK nuts finger-tightened. All dimensions are for reference only and are subject to change.
3. Sizes and types listed are standard. Other sizes and types are available upon request, refer to the ordering information.

Basic Ordering Number	Connection Type and Size		Dimension, in. (mm)			
			A max	B	C	D
-PU-L-	S2	1/8" FINELOK	1.84 (46.7)	0.59 (15.0)	5/8 (15.9)	1/2 (12.7)
	S4	1/4" FINELOK	1.94 (49.3)	0.69 (17.5)	5/8 (15.9)	1/2 (12.7)
	S6	3/8" FINELOK	2.03 (51.6)	0.75 (19.1)	3/4 (19.1)	5/8 (15.9)
	S8	1/2" FINELOK	2.19 (55.6)	0.88 (22.4)	7/8 (22.2)	3/4 (19.1)
	SM6	6 mm FINELOK	1.94 (49.3)	0.69 (17.5)	5/8 (15.9)	1/2 (12.7)
	SM8	8 mm FINELOK	2.00 (50.8)	0.72 (18.3)	5/8 (15.9)	1/2 (12.7)
	SM10	10 mm FINELOK	1.05 (26.7)	0.75 (19.1)	3/4 (19.1)	5/8 (15.9)
	SM12	12 mm FINELOK	1.05 (26.7)	0.88 (22.4)	7/8 (22.2)	3/4 (19.1)
	FNT2	1/8 Female NPT	1.56 (39.6)	0.53 (13.5)	5/8 (15.9)	1/2 (12.7)
	FNT4	1/4 Female NPT	1.75 (44.4)	0.72 (18.3)	5/8 (15.9)	5/8 (15.9)
	FNT6	3/8 Female NPT	1.81 (46.0)	0.78 (19.8)	7/8 (22.2)	3/4 (19.1)
	FNT8	1/2 Female NPT	1.98 (50.3)	0.97 (24.6)	1 1/16 (26.9)	7/8 (22.2)
	NT2	1/8 Male NPT	1.62 (41.1)	0.38 (9.7)	5/8 (15.9)	1/2 (12.7)
	NT4	1/4 Male NPT	1.81 (46.0)	0.56 (14.2)	5/8 (15.9)	5/8 (15.9)
	NT6	3/8 Male NPT	1.84 (46.7)	0.56 (14.2)	3/4 (19.1)	3/4 (19.1)
	-PU-TL- -PU-TA- -PU-C-	NT8	1/2 Male NPT	2.09 (53.1)	0.75 (19.1)	7/8 (22.2)
S2		1/8" FINELOK	0.90 (22.9)	0.88 (22.4)	5/8 (15.9)	1/2 (12.7)
S4		1/4" FITOK	1.08 (27.3)	1.06 (26.9)	5/8 (15.9)	1/2 (12.7)
S6		3/8" FINELOK	1.22 (31.0)	1.20 (30.5)	3/4 (19.1)	5/8 (15.9)
S8		1/2" FINELOK	1.44 (36.6)	1.42 (36.1)	7/8 (22.2)	3/4 (19.1)
SM6		6 mm FINELOK	1.08 (27.5)	1.06 (27.0)	5/8 (15.9)	1/2 (12.7)
SM8		8 mm FINELOK	1.20 (30.4)	1.18 (29.9)	5/8 (15.9)	1/2 (12.7)
SM10		10 mm FINELOK	1.34 (34.0)	1.32 (33.5)	3/4 (19.1)	5/8 (15.9)
SM12		12 mm FINELOK	1.43 (36.5)	1.41 (36.0)	7/8 (22.2)	3/4 (19.1)
FNT2		1/8 Female NPT	0.68 (17.3)	0.66 (16.8)	5/8 (15.9)	1/2 (12.7)
FNT4		1/4 Female NPT	0.90 (22.9)	0.88 (22.4)	5/8 (15.9)	5/8 (15.9)
FNT6		3/8 Female NPT	1.03 (26.2)	1.01 (25.7)	7/8 (22.2)	3/4 (19.1)
FNT8		1/2 Female NPT	1.25 (31.7)	1.23 (31.2)	1 1/16 (26.9)	7/8 (22.2)
NT2		1/8 Male NPT	0.78 (19.8)	0.76 (19.3)	5/8 (15.9)	1/2 (12.7)
NT4		1/4 Male NPT	1.11 (28.2)	1.09 (27.7)	5/8 (15.9)	5/8 (15.9)
NT6		3/8 Male NPT	1.24 (31.5)	1.22 (31.0)	3/4 (19.1)	3/4 (19.1)
Nt8	1/2 Male NPT	1.52 (37.8)	1.47 (37.3)	7/8 (22.2)	7/8 (22.2)	



