

TUBULAR TYPE LEVEL GAUGE

BL SERIES

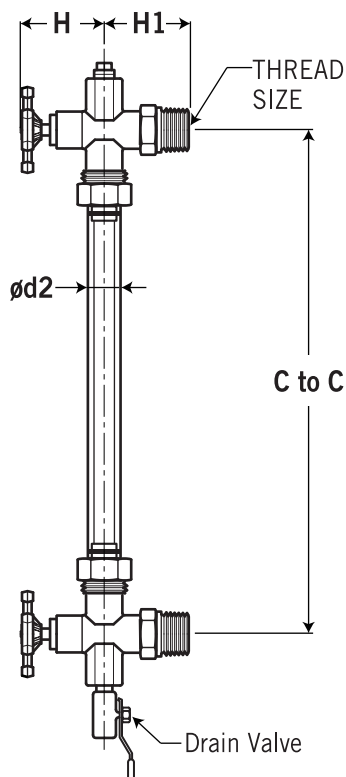
With Protection Support Pipe
Gauge Valves Sold Separately
Economical Type

BL-Series is normally used on non-pressurized and non-dangerous fluid systems with a glass tube or sight, it also can find the utility in the observation of interface or fluid color. Gauge glass is made heat resistant borosilicate.

Technical Data

Suitable Fluid: Water, Oil, other chemical liquid
Gauge Valve Material: SS304 or SS316 available
Gauge Tube Material: DURAN® Glass
Seal Material: Viton or EPDM available
Protection Support Pipe Material: Acrylic, SS304 and SS316 available
Gauge Valve Function: With or Without ball check
Max. Working Temperature: 120°C
Max. Working Pressure: 5~8 kg/cm²
 (Please also consider of the function of length and temperature.)
Process Connection: 1/2"~3/4" Male Thread; and 3/8"~1" Flange type on request
Process Type: Thread G, NPT, BSPT available
 Flange JIS, ANSI, DIN available
Drain Valve Connection: 1/4" and 3/8" Female Thread G, NPT, BSPT available
Center to Center Length: Max. 1500 mm

Dimensions-mm



Thread Type

Thread Size	H	H1	d2	Drain Valve	Glass Tube Dimensions
1/2"	67	38	30	1/4"	① ø13x2.2t ② ø14x2.2t
3/4"	69	47	34	3/8"	③ ø16x2.5t ④ ø18x2.5t ⑤ ø20x2.5t

- Female or Male Thread 「G, NPT, BSPT」 are on request.
- If the thread size is 「1/2"NPT(M)」, the drain valve size is 「1/4"NPT(F)」.

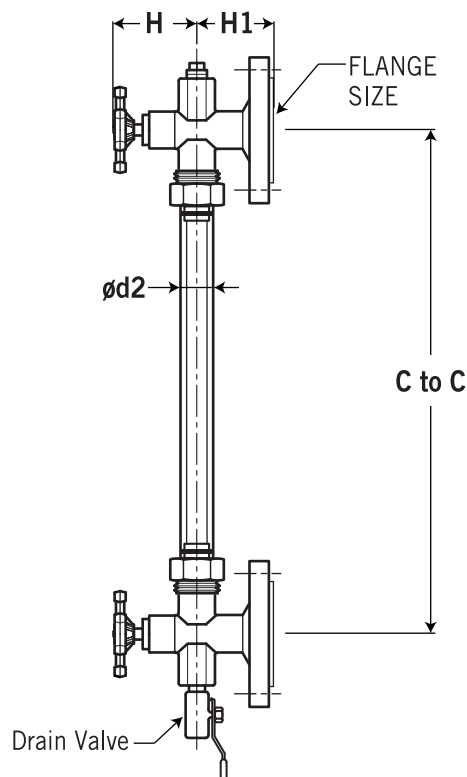
Installation Notice:

For thread type, please use the "Unions" to install the level gauge on the tank.
 And, the unions provide by customer self.



BLT/BLF

BLV
 (Gauge valves*2 piece/1set)

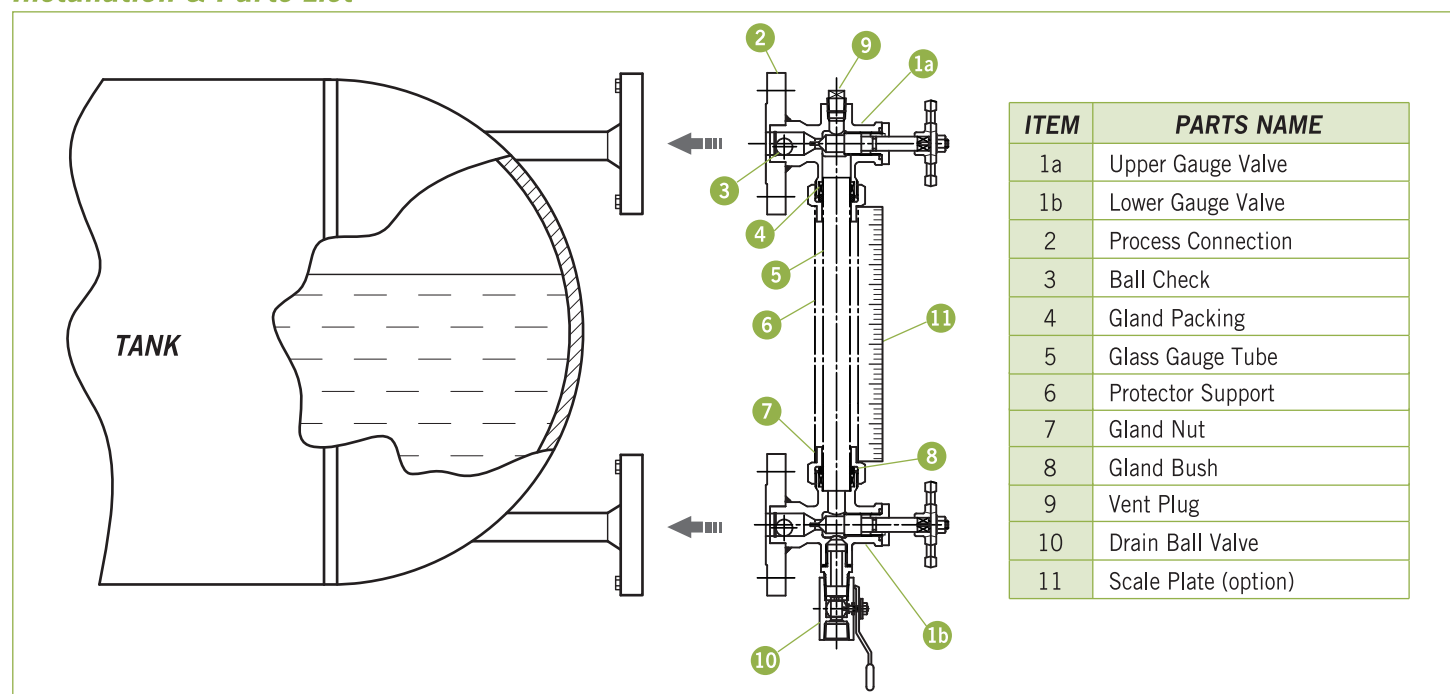


Flange Type

Flange Size	H	H1	d2	Drain Valve	Glass Tube Dimensions
3/8"	67	47	30	1/4"	① ø13x2.2t ② ø14x2.2t
1/2"	67	47	30	1/4"	
3/4"	69	59	34	3/8"	③ ø16x2.5t ④ ø18x2.5t ⑤ ø20x2.5t
1"	69	59	34	3/8"	

- Flange rating JIS, ANSI, DIN are on request.

Installation & Parts List



Ordering Information

Model	BLT	with protection support pipe; Thread type									
	BLF	with protection support pipe; Flange type									
	BLV	only gauge valves (2 pieces/1 set)									
	Code	Connection Size									
	Thread	(A) ½"NPT(M) (B) ¾"NPT(M) (C) G½"(M) (D) G¾"(M) (E) ½"BSPT(M) (F) ¾"BSPT(M)									
	Flange	(G) ½" JIS 10K (H) ¾" JIS 10K (I) 1" JIS 10K									
		(J) ½" ANSI 150# (K) ¾" ANSI 150# (L) 1" ANSI 150# (O) option									
	Code	Gauge Valve Material									
		(1) SS304 (2) SS316									
	Code	Gauge Tube Material									
	1	DURAN® Glass	N	Without gauge tube (for model BLV only)							
	Code	Gauge Tube Dimensions									
		(1) ø13 x 2.2t mm (2) ø14 x 2.2t mm (3) ø16 x 2.5t mm (4) ø18 x 2.5t mm (5) ø20 x 2.5t mm									
	Code	Seal Material									
		(1) Viton (2) EPDM									
Code	The Function of Gauge Valve										
	(A) With Ball Check (B) Without Ball Check										
Code	Drain Valve Type										
	(1) Ball Valve (2) Plug (3) Needle Valve										
Code	Vent Valve Type										
	(1) Ball Valve (2) Plug (3) Needle Valve										
Code	Center to Center Length (C to C)										
	Please directly fill out the length as you required. (Max. 1500mm)										
Code	Protection Supporter Material										
	(W) Acrylic (S4) SS304 (S6) SS316 (N) Without (for BLV)										
Code	Scale Plate										
A	With										
B	Without										