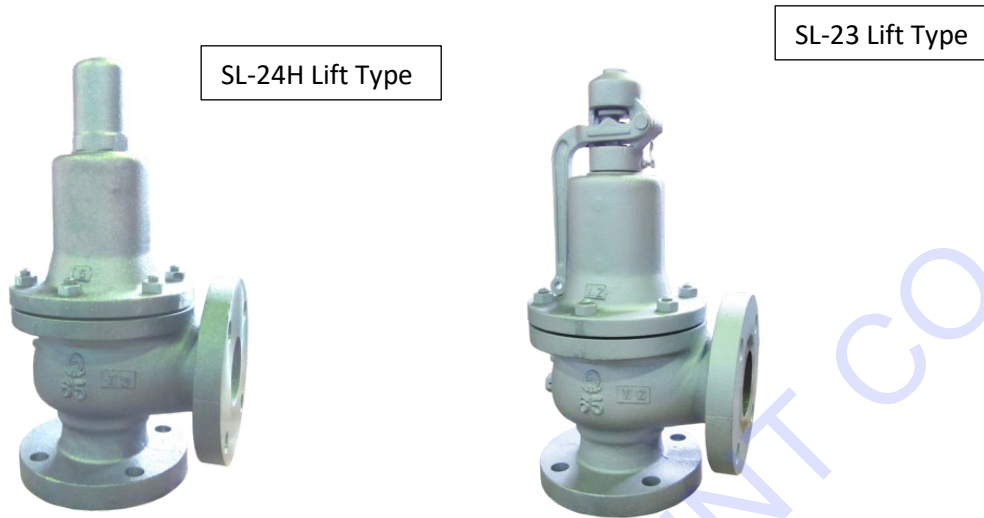


Safety Relief Valve

Model: SL-23H, SL-23, SL-24H, SL-24 (Lift Type)



Specifications

Model name	SL-23H	SL-23	SL-24H	SL-24
Code name	SL23H-G □	SL23-B □	SL24HB-G □ ^{*2}	SL24-B □
	Code No. of pressure division is required in □			
Cap type	With lever		Without lever	
Size	65 (2 ½")	80 – 150 (3"-6")	65 (2 ½")	80 – 150 (3"-6")
Applicable fluid	Steam ^{*1} & air		Steam, air, gases ^{*1} & (liquids ^{*2})	
Fluid temperature	-5 - 220 °C		-5 - 184 °C	
Set pressure range	0.035 – 1.0 MPa ^{*1}			
End connection	Flanged JIS 10KFF ^{*4}			
Materials	Body	Cast iron		
	Disc	Stainless steel	Cast bronze ^{*5}	Stainless steel Cast bronze ^{*5}
	Seat ring	Size 65 – 100 mm.: Stainless steel, Size 125 – 150 mm. : Cast bronze		
Valve body pressure test	Hydraulic 1.5 MPa			

*1. When applicable standard is JIS B8210, the seat pressure is limited due to the material of pressure – resistance parts.

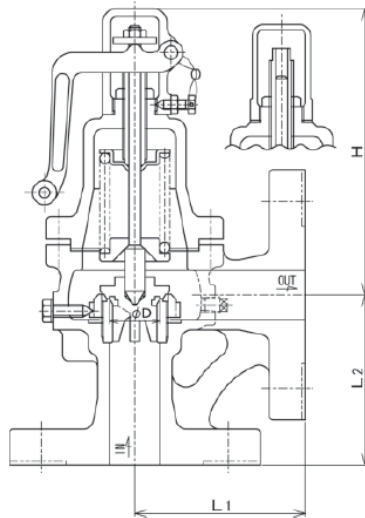
*2. For liquids, size 65mm. use code name SL24HW-G□

*3. Applicable temperature Max.220°C is available upon your request.

*4. RF flange for outlet side is available upon your request.

*5. For valve disc and seal made of stainless steel, please contact our agent.

Dimension



Depending on nominal diameter, the structure of the valve may be different from what is shown in the drawing.

Size	Seat opening dia. D	Effective area (mm ²) $\pi D^2/4$	Lift ℓ	Face to Face		Height H		Mass (Kg)	
				L ₁	L ₂	SL-23H, 23 Type	SL-24H,24 Type	SL-23H,23 Type	SL-24H,24 Type
65 (2 ^{1/2} ")	65	346.9	1.7	135	115	293	291	23	22
80 (3")	78.4	492.3	2.0	145	125	375	371	33	30
100 (4")	99.4	780.2	2.5	160	150	439	435	52	46
125 (5")	130 (125)	1347.0 (1256.0)	3.3 (3.2)	182	182	672	674	120	114
150 (6")	160 (150)	2009.6 (1789.8)	4.0 (3.8)	219	208	725	727	151	145

*Figures in (): Size 125mm. and 150 mm. for cast iron body with stainless steel disc and seat ring.

Pressure Division

(MPa)

Code No.	SL23H-G□, SJ24HB-G□	SL24HW-G□	SL23-B□, SL24-B□	
	Size 65 mm.	Size 65 mm.	Size 80 – 100 mm.	Size 125 – 150 mm.
1	0.035 – 0.15	0.035 – 0.07	0.035 - 0.15	0.035 - 0.07
2	Over 0.15 – 0.6	Over 0.07 – 0.15	Over 0.15 – 0.4	Over 0.07 – 0.1
3	Over 0.6 – 1.0	Over 0.15 – 0.3	Over 0.4 – 0.7	Over 0.1 – 0.3
4		Over 0.3 – 0.6	Over 0.7 – 1.0	Over 0.3 – 0.5
5		Over 0.6 – 1.0		Over 0.5 – 0.7
6				Over 0.7 – 0.85
7				Over 0.85 – 1.0

*Code No. of pressure division is required in □