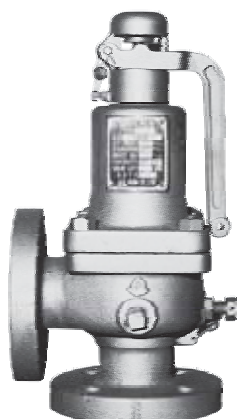
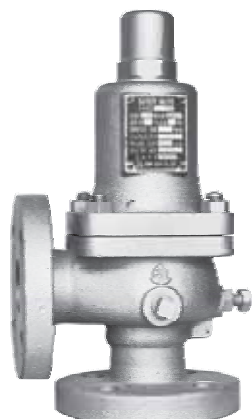


SL-23H, 24H Type Safety Valve (Lift Type)

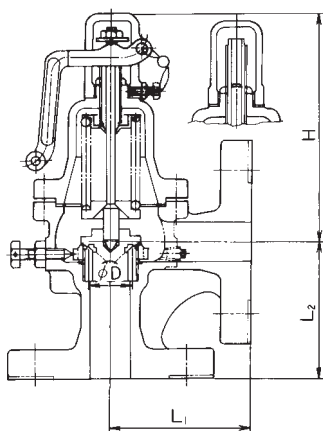


SL-23H Type



SL-24H Type

CONSTRUCTION



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

SPECIFICATIONS

Model name		SL-23H	SL-23	SL-24H	SL-24
Code name		SL23H-G □	SL23-B □	SL24HB-G □* ¹	SL24-B □
		※ Code No. of pressure division is required in □.			
Cap type		With lever		Without lever	
Size		15~65(1/2"~2 1/2")	80~150(3"~6")	15~65(1/2"~2 1/2")	80~150(3"~6")
Applicable fluid		Steam & air		Steam, air, gases & (liquids* ¹)	
Set pressure range		0.035~1.0MPa			
Applicable temperature		-5~230℃		-5~184℃* ³	
End connection		Flanged JIS 10KFF* ²			
Valve body pressure test		Hydraulic 1.5MPa			
Materials	Body	Cast iron			
	Disc	Stainless steel	Cast bronze	Stainless steel	Cast bronze
	Seat ring	Size 15~100mm:Stainless steel, Size 125~150mm:Cast bronze			

*1. For liquids, size 15~65mm, use code name SL24HW-G □.

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

*3. Applicable temperature Max. 230°C is available upon your request.

DIMENSIONS

(mm)

Size d	Seat opening dia. D	Effective area (mm ²) π D ² /4	Lift ℓ	Face to Face		Height H	Mass(kg)	
				L ₁	L ₂		SL-23H, 23 Type	SL-24H, 24 Type
15(1/2")	15	18.8	0.4	70	70	116	3.2	3.1
20(3/4")	20	31.4	0.5	75	75	120	4.1	4
25(1")	25	54.9	0.7	85	85	129	6	5.9
40(1 1/2")	40	125.6	1.0	100	95	226	13	12
50(2")	50	204.1	1.3	110	105	255	16	15
65(2 1/2")	65	346.9	1.7	135	115	291	23	22
80(3")	78.4	492.3	2.0	145	125	371	33	30
100(4")	99.4	780.2	2.5	160	150	435	52	46
125(5")	130 (125)	1347.0 (1256.0)	3.3 (3.2)	182	182	674	120	114
150(6")	160 (150)	2009.6 (1789.8)	4.0 (3.8)	219	208	727	151	145

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

Flange code JIS 10KFF

PRESSURE DIVISION

(MPa)

Code No.	SL23H-G □, SL24HB-G □	SL24HW-G □	SL24HW-G □	SL23-B □, SL24-B □	
	Size 15~65mm	Size 15~25mm	Size 40~65mm	Size 80~100mm	Size 125~150mm
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 □.