

AF-4•4M

Features

1. Lift safety valve, designed in compliance with JIS B 8210 "Spring loaded safety valves for steam boilers and pressure vessels".
2. Larger discharge capacity than lift type.
3. Due to lift lever mechanism a discharge inspection can be manually performed at more than 75% of the opening pressure (AF-4).
4. Blowdown pressure can be adjusted with a back pressure throttle valve.
5. A material of excellent quality is used for the trim parts. High performance is maintained by precision processing and heat treatment.



AF-4

Specifications

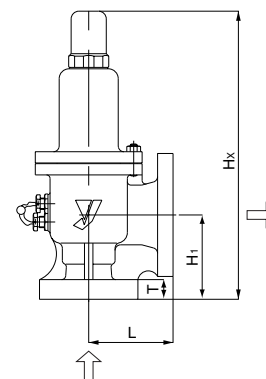
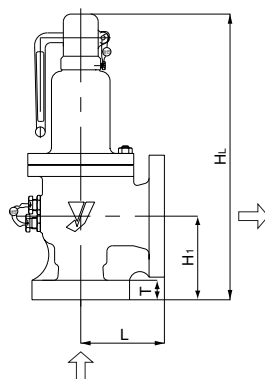
Structure		Open type
Application		Steam, Air, Other non-dangerous fluids
Working pressure		0.1-1.0 MPa
Maximum temperature		220°C
Material	Valve case	Ductile cast iron
	Spring case	Ductile cast iron
	Valve, valve seat	Stainless steel *
Connection		JIS 10K FF flanged

* Stellite overlaid stainless steel for 80A or larger in nominal size.

Dimensions and Weights

Nominal size	Inlet diameter x Throat diameter x Outlet diameter	Flow area $\frac{\pi}{4}dt^2$ (mm ²)	Lift l (mm)	Dimension (mm)				Flange			Weight (kg)
				L	H ₁	H _L	H _x	Inlet	T (mm)	Outlet	
25A	25 x 16 x 40	200.9	3.7	100	100	356	335	25A	26	40A	12
40A	40 x 26 x 65	530.6	6.0	120	120	410	408	40A	28	65A	21
50A	50 x 30 x 75	706.5	6.8	130	130	458	453	50A	30	80A	27
65A	65 x 40 x 100	1256.0	9.0	150	150	514	537	65A	32	100A	41
80A	80 x 49 x 125	1884.7	11.1	165	160	677	648	80A	32	125A	41
100A	100 x 76 x 150	4534.1	16.8	215	200	799	779	100A	32	150A	115
125A	125 x 84 x 200	5538.9	19.1	220	210	858	835	125A	36	200A	135
150A	150 x 100 x 200	7850.0	22.7	250	230	1006	966	150A	38	200A	203

• The connection flange standard is JIS B 2239 10K FF.



AF-4 (open type with a lever) <http://www.yoshitake-bj.com> AF-4M (open type without a lever) 010-59799400