

AL-400L, 400TL

■ Features

1. Lever type safety relief valve.
2. Typically used on the outlet side of pressure reducing valve or small pressure vessels
3. Trim: stainless steel



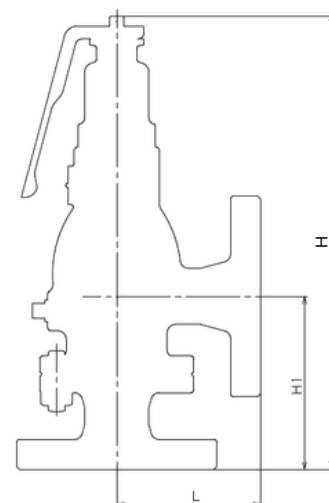
■ Specifications

Model		AL-400L	AL-400TL
Structure		Open type with lever	Closed type with lever
Application fluid		Steam	Air, water, oil and other non-dangerous fluids
Maximum pressure		0.05~1.6MPa	0.05~1.3MPa
Maximum temperature		220°C	120°C
Connection		JIS 10KFF flanged* JIS 16KFF flanged*	
Material	Valve case, spring case	FCD450	
	Valve, valve seat	Stainless steel	Stainless steel • PTFE

*JIS 16KFF flanged when working pressure is more than 1.0 MPa.

■ Dimensions and Weights

Nominal size	Dimensions (mm)			Weight (kg)
	L	H1	H	
15A	90	108	282	5.4
20A	90	108	282	5.7
25A	90	108	282	6.9
32A	91	115	325	9.6
40A	91	115	325	9.8
50A	105	132	351	13.6



Certified Capacity Table for AL-400L,400TL

■ Certified Capacity Table for AL-400L

• For steam (saturation temperature) <Pressure vessel structure standard>

(kg/h)

Pressure MPa Nominal size	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3	1.4	1.5	1.6
15A	38	50	73	98	123	148	172	196	220	244	268	292	316	340	364	387	411
20A	38	50	73	98	123	148	172	196	220	244	268	292	316	340	364	387	411
25A	38	50	73	98	123	148	172	196	220	244	268	292	316	340	364	387	411
32A	85	110	160	214	270	324	377	430	482	535	588	640	693	745	798	849	902
40A	89	116	168	226	285	342	398	454	509	564	620	675	731	786	841	896	951
50A	155	201	292	392	494	592	689	785	881	977	1073	1169	1265	1360	1456	1551	1646

■ Certified Capacity Table for AL-400TL

• For air (20°C) <Pressure vessel structure standard>

(kg/h)

Pressure MPa Nominal size	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
15A	84	109	159	213	268	322	377	432	486	541	595	650	704	759
20A	84	109	159	213	268	322	377	432	486	541	595	650	704	759
25A	84	109	159	213	268	322	377	432	486	541	595	650	704	759
32A	136	178	259	347	436	525	614	703	792	880	969	1058	1147	1236
40A	136	178	259	347	436	525	614	703	792	880	969	1058	1147	1236
50A	249	325	473	635	797	959	1121	1283	1445	1607	1769	1932	2094	2256

• For water (accumulation: 25%) <Yoshitake standard>

(m³/h)

Pressure MPa Nominal size	0.05	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0	1.1	1.2	1.3
15A	0.8	1.1	1.6	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2
20A	0.8	1.1	1.6	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2
25A	0.8	1.1	1.6	2.0	2.3	2.6	2.8	3.1	3.3	3.5	3.7	3.9	4.0	4.2
32A	1.3	1.9	2.7	3.3	3.8	4.2	4.7	5.5	5.4	5.7	6.0	6.3	6.6	6.9
40A	1.3	1.9	2.7	3.3	3.8	4.2	4.7	5.5	5.4	5.7	6.0	6.3	6.6	6.9
50A	2.4	3.5	4.9	6.0	7.0	7.8	8.5	9.2	9.9	10.5	11.0	11.6	12.1	12.6