

AL-4T·4ST

Features

1. Safety relief valve, simple structure and easy maintenance.
2. Easy adjustment.
3. Fluororesin disc ensures reliable seating.

Specifications

●AL-4T

Type		Standard	With SUS trim parts
Structure		Closed type	
Application		Air, Cold and hot water, Oil, Other non-dangerous fluids	
Working pressure		0.05-1.0 MPa *1	0.05-1.5 MPa *1 *2
Maximum temperature		150°C	
Material	Valve case	Ductile cast iron	
	Spring case	Ductile cast iron	
	Valve, valve seat	Cast bronze (PTFE disc incorporated)	Stainless steel (PTFE disc incorporated)
Connection		JIS 10K FF flanged	JIS 10K FF flanged JIS 16K FF flanged *3

*1 Maximum working pressure for 150A is 0.8 MPa (connection: JIS 10K FF flanged).

*2 When working pressure is more than 1.2 MPa (for 65A and 80A) or 1.0 MPa (for 100A and 125A), a metal-to-metal seating is incorporated in.

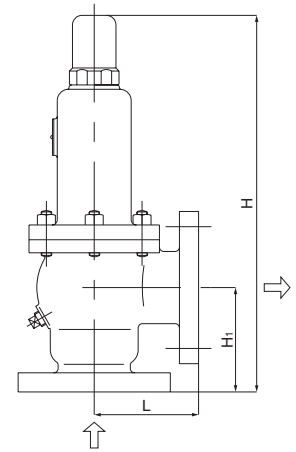
*3 JIS 16K FF flanged is used when working pressure is more than 1.0 MPa.

●AL-4ST

Structure		Closed type	
Application		Air, Water, Oil, Other non-dangerous fluids	
Working pressure		0.05-2.0 MPa *1	
Maximum temperature		150°C	
Material	Valve case	Ductile cast iron *2	
	Spring case		
	Valve, valve seat	Stainless steel (PTFE disc incorporated)	
Connection		JIS 10K FF flanged JIS 16K FF flanged JIS 20K FF flanged	

*1 When working pressure is more than 1.2 MPa (for 65A and 80A) or 1.0 MPa (for 100A and 125A), a metal-to-metal seating is incorporated in.

*2 Available with stainless steel made.



Dimensions and Weights

●AL-4T (JIS 10K)

Nominal size	Dimension (mm)				Flow area $\pi D \ell$ (mm ²)	Weight (kg)
	L	H ₁	H	Seat diameter		
65A	120	120	434	65	331.9	20
80A	130	130	449	75	441.8	22
100A	160	150	597	100	785.4	44
125A	200	205	781	125	1227.2	88
150A	210	215	837	150	1767.2	113

●AL-4T (JIS 16K)

Nominal size	Dimension (mm)				Flow area $\pi D \ell$ (mm ²)
	L	H ₁	H	Seat diameter	
65A	120	120	434	65	331.9
80A	132	130	451	75	441.8
100A	162	150	599	100	785.4
125A	202	205	783	125	1227.2

●AL-4ST

Nominal size	Dimension (mm)				Flow area $\pi D \ell$ (mm ²)
	L	H ₁	H	Seat diameter	
65A	135	125	444	65	331.9
80A	135	135	459	75	441.8
100A	160	150	599	100	785.4