

AL-140·140H

Features

1. Safety relief valve of all stainless steel made. Used for the trim parts is SCS14A (equivalent to SUS316) with outstanding corrosion resistance.
2. Popping structure ensures reliable discharge.
3. Simple structure and easy to handle.
4. Closed structure prevents fluid leakage.

Specifications

Model		AL-140	AL-140H
Structure		Closed type	
Application		Steam, Air, Cold and hot water, Oil, Other non-dangerous fluids	
Working pressure		0.05-1.0 MPa	1.0-2.0 MPa
Maximum temperature		220°C *	
Material	Spring case	Cast stainless steel	
	Valve, valve seat	Cast stainless steel (SCS14A)	
Connection		JIS Rc screwed	

* The maximum temperature is 150°C when using for water, oil, or other liquids.



AL-140

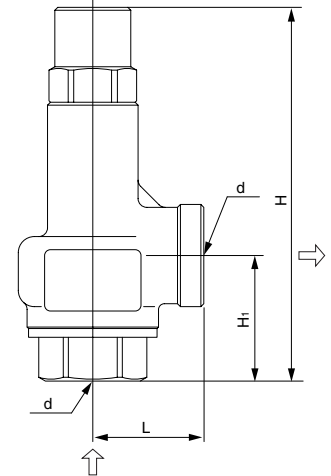


AL-140H

Dimensions and Weights

● AL-140

Nominal size	Dimension (mm)					Flow area $\pi D \ell$ (mm ²)	Weight (kg)
	d	L	H ₁	H	Seat diameter		
15A	Rc 1/2	34	40	128.5	16	20.1	0.7
20A	Rc 3/4	38	42	129	21	34.6	0.8
25A	Rc 1	43	51	148	26	53.0	1.1
32A	Rc 1-1/4	50	61.5	182	33	93.3	2.0
40A	Rc 1-1/2	60	64	206	41	135.2	3.0
50A	Rc 2	75	76	246.5	51	208.2	5.0



● AL-140H

Nominal size	Dimension (mm)					Flow area $\pi D \ell$ (mm ²)	Weight (kg)
	di x do	L	H ₁	H	Seat diameter		
15A	Rc 1/2 x Rc 3/4	36	42	126.5	16	20.1	0.9
20A	Rc 3/4 x Rc 1	38	46	130.5	21	34.6	1.0
25A	Rc 1 x Rc 1-1/4	46	55	150.5	26	53.0	1.5
32A	Rc 1-1/4 x Rc 1-1/2	54	61.5	195	33	93.3	2.5
40A	Rc 1-1/2 x Rc 2	63	67	227.5	41	135.2	4.6
50A	Rc 2 x Rc 2-1/2	77	80	303.5	51	208.2	8.8

