

AL-150

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Safety Relief Valve

Full bore type	Lift type	Safety valve	Relief valve
Safety relief valve	Lever type	Closed type	Flush-pot structure
Handle type	Stainless	High pressure gas testing products	
Diaphragm	Non-leakage		



■Features

1. Versatile type, compatible with fluids such as steam, air, water, and oil.
2. Achieved the highest performance by segmentalize the pressure range and finished by ultra-precision technique.
3. The trim parts (valve and valve seat) and adjusting spring are made of stainless steel. Used for the trim parts is SCS14A (equivalent to SUS316) with outstanding corrosion resistance.
4. Closed structure prevents fluid leakage to outside.

■Specifications

Structure	Closed type		
Application	Steam, Air, Hot and cold water, Oil, Other non-dangerous fluids		
Working pressure	0.05-1.0 MPa		
Working temperature	5-220°C *1		
Material	Spring case	Bronze	
	Valve, Valve seat	Stainless steel (SCS14A)	
	Adjusting spring	Stainless steel	
Connection	JIS Rc screwed		

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

· Please refer to the chart in P.8-82 for set pressure range.

■Dimensions and Weights

Nominal size	Dimension (mm)						Flow area $\pi D \ell$ (mm ²)	Weight (kg)
	d	D	L	H ₁	H			
15A	Rc 1/2	16	34	40	128	20.1	0.7	
20A	Rc 3/4	21	38	43	128.5	34.6	0.8	
25A	Rc 1	26	43	51.5	144.5	53.0	1.1	
32A	Rc 1-1/4	33	50	61.5	181.5	93.3	1.8	
40A	Rc 1-1/2	41	60	60	205	135.2	2.8	
50A	Rc 2	51	75	76	245.5	208.2	4.7	

