

AL-27

Features

1. Relief valve, designed for pressure up to 1.6 MPa.
2. Remarkably effective for lines of heavy pulsation or considerable pressure fluctuation due to unique valve structure. Prevents chattering and hunting.
3. Stable operation can be maintained against back pressure changes produced in continuous blow.

Specifications

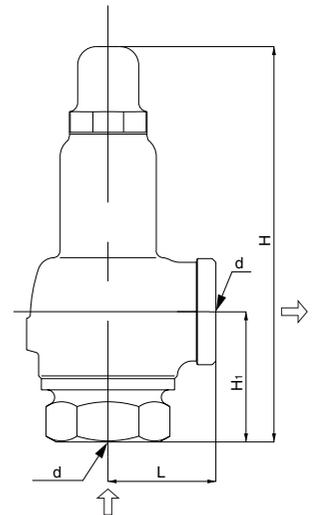
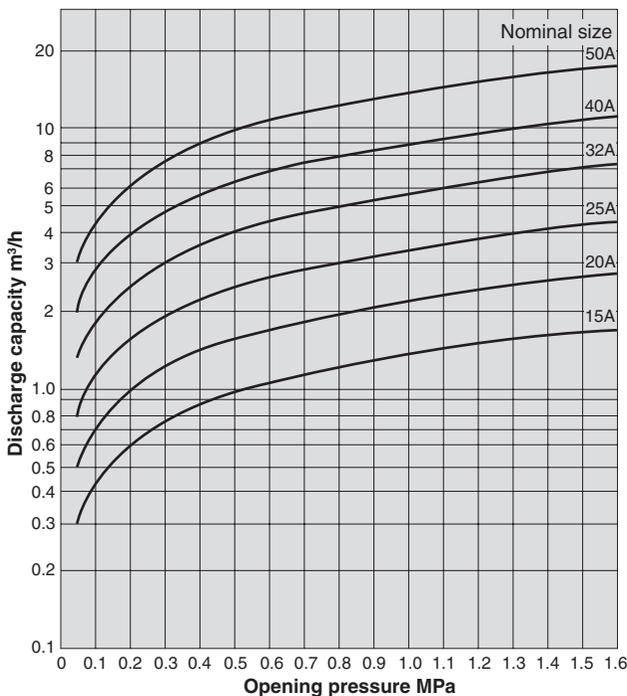
Structure	Closed type	
Application	Cold and hot water, Oil, Other non-dangerous fluids	
Working pressure	0.05-1.6 MPa	
Maximum temperature	120°C	
Material	Valve case	Ductile cast iron
	Spring case	Ductile cast iron
	Valve, valve seat	Stainless steel
Connection	JIS Rc screwed	

Dimensions and Weights

Nominal size	d	L	(mm)			Weight (kg)
			H ₁	H		
15A	Rc 1/2	40	40	143	0.9	
20A	Rc 3/4	45	50	162	1.3	
25A	Rc 1	50	60	182	1.7	
32A	Rc 1-1/4	60	70	220	2.9	
40A	Rc 1-1/2	65	75	238	3.9	
50A	Rc 2	80	85	272	6.4	

Flow Rate Chart [water]

Shown in the chart is the flow rate at 25% accumulation.
For flow rates at other accumulation levels, use the approximate flow rate magnification chart.



Dashpot structure



Approximate flow rate magnification chart

When the accumulation is not 25%, select an approximate flow rate magnification matching the accumulation based on this chart, and multiply the flow rate at 25% accumulation by the selected magnification.

