AL-260,260R

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

■Features

- 1. Stainless steel is used for the trim parts, and corrosionresistant material for all wetted parts.
- 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.
- 4. Simple structure, easy to handle.
- 5. Since the AL-260R is equipped with a handle, pressure change is easy.





AL-260 AL-260R

■Specifications

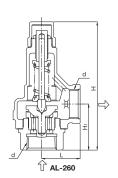
Model		AL-260	AL-260R			
Structure		Closed type	Closed type with a handle			
Application		Cold and hot water, Oil, Other non-dangerous fluids (Less than 20 cst)				
Working pressure		0.05-1.0 MPa				
Maxim	num temperature	120°C	90°C			
	Valve case	Bro	Bronze			
Material	Spring case	Bronze				
	Valve, valve seat	Stainless steel				
Connection		JIS Rc screwed				

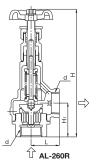
[·] Please refer to the chart in P.3-82 for set pressure range.

■Dimensions and Weights

Nominal size	d	L	H ₁	Н	Weight (kg)	
15A	Rc 1/2	34	41.0	129 (185)	0.7 (1.0)	
20A	Rc 3/4	38	45.0	131 (190)	0.9 (1.2)	
25A	Rc 1	43	51.5	145 (200)	1.2 (1.5)	
32A	Rc 1-1/4	50	63.5	184 (245)	1.9 (2.2)	
40A	Rc 1-1/2	60	68.5	210 (280)	2.8 (3.2)	
50A	Rc 2	75	80.0	250 (315)	4.9 (5.3)	

[·] The values in parentheses are the dimensions and weights of the AL-260R.

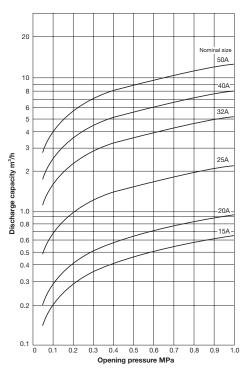




(mm)

■Flow rate chart [water] (AL-250 · 250R · 260 · 260R)

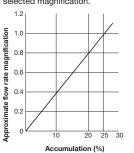
Shown in the chart is the flow rate at 25% accumulation. For flow rates at other accumulation levels, use the approximate flow rate magnification chart.





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.



· Discharge capacity (accumulation: 25%)

(m³/h)

Nominal size	Opening 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
15A	0.14	0.20	0.29	0.35	0.41	0.46	0.50	0.54	0.58	0.62	0.65
20A	0.20	0.29	0.41	0.51	0.59	0.66	0.72	0.78	0.83	0.88	0.93
25A	0.49	0.69	0.98	1.20	1.38	1.54	1.69	1.83	1.96	2.07	2.19
32A	1.14	1.62	2.29	2.81	3.24	3.63	3.97	4.29	4.59	4.87	5.13
40A	1.79	2.53	3.58	4.39	5.07	5.67	6.21	6.71	7.17	7.61	8.02
50A	2.80	3.96	5.60	6.86	7.92	8.86	9.71	10.49	11.21	11.89	12.53