

Cast iron
16K

Type RPF13 Lift Safety Relief Valves

4

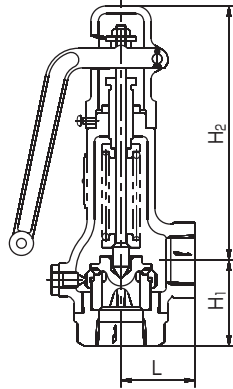
Safety Relief Valves

Features

- Lift type safety relief valve with cast iron body
- Stable operation



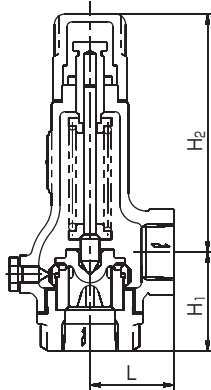
With lever opened



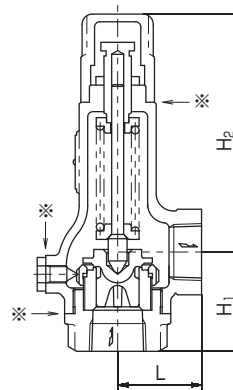
With lever opened



Non-lever



Non-lever closed



Non-lever opened

※Without gasket

Specifications

Spring case form	Non-lever opened	With lever opened	Non-lever closed	Non-lever closed
Fluid	Steam, gas			Water
Pressure	Set : 0.02—1.6 MPa (back pressure : atmospheric)			0.02—1.0MPa
Temperature	0—220°C			0—saturated temp.
Material	Body	Cast iron		
	Valve seat	Stainless steel		
	Valve disc	Stainless steel		
	Stem	Stainless steel		
	Spring case	Cast iron		
	Adjusting spring	Spring wire, piano wire		
	Lever	—	Cast iron	—
	Cover	Cast iron		
Adjusting ring	Brass			Brass
Use for	Pressure vessel, header, outlet of PRV, thermal relief and piping protection			

Dimensions and weights

(mm, kg)

Size Inlet×Outlet	L	H ₁	With lever	Non-lever	Connection		Weight (Non-lever)
			H ₂	H ₂	Inlet	Outlet	
15×15	40	45	160	130	Screwed JIS Rc	Screwed JIS Rc	1.5
20×20	42	50	157	127			1.6
25×25	49	58	169	139			2.1
32×32	57	71	192	162			3.5
40×40	63	78	210	180			4.7

Remarks 1. H₁ : 1mm less for with lever opened.
2. H₁, H₂ : 1mm less for non-lever opened.