

Type YRV-1, 2 Relief Valve (for Pump Relief) For Pump Only

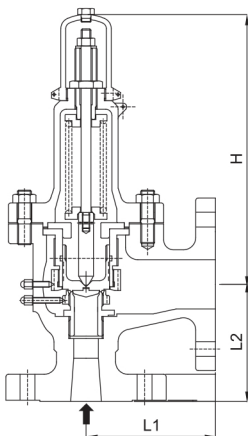


Type YRV-1

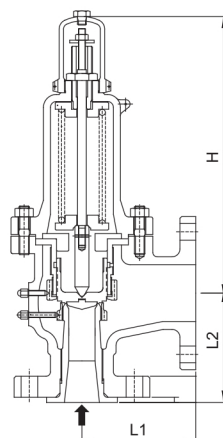


Type YRV-2

■ Dimensional drawing



Type YRV-1



Type YRV-2

■ Features

- Specifically developed for pump use : Safe operation even in case of continuous relief.
- NOTE : Possibility of hunching or a water hammer if a safety valve is used as a relief valve of a pump.

■ Specifications

Type		YRV-1	YRV-2
Size		25A-80A	
Applicable fluid		Water	
Set pressure range		1.0~10kgf/cm ² g	1.0~30kgf/cm ² g
Fluid temperature		Max. 220° C	
End connection	Inlet	KS B 6216 10K RF FLANGE	KS B 6216 10, 20, 30K RF FLANGE
	Outlet	KS B 1511 10K RF FLANGE	
Materials	Body	GC200	SCPH2
	Disc, seat	STS	
Hydraulic test pressure		1.5 times of applicable flange rating	

▶ The JIS and ANSI flanges are available by made-to-orders.

■ Dimensions

Size Inlet × Outlet	Seat diameter Ds	Throat diameter dt	Throat area a(mm ²)	Lift ℓ	Face to Face (L)		Height(h)		Weight(kg)	
					YRV-1	YRV-2	YRV-1	YRV-2	YRV-1	YRV-2
25(1")X40(1½")	22	19	283.5	5.0	105	115	214	264	10.3	12.4
40(1½")X65(2½")	35	30	706.8	7.5	125	130	278	316	19.2	24
50(2")X80(3")	45	38	1134.1	9.5	135	141	346	380	25.1	34.3
65(2½")X100(4")	58	49	1885.7	12.5	155	161	404	480	43.1	55.8
80(3")X125(5")	71	61	2922.5	15.5	175	179	487	535	61.7	77.2

▶ Valves with a size of 100A or larger are available by made-to-orders.

■ Application Diagram (Example)

