

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

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.

02



YRV-1 Type



YRV-2 Type

Specifications

Type		YRV-1	YRV-2
Applicable fluid		Water	
Set pressure range		0.1~1.0 MPa	0.1~3.0 MPa
Fluid temperature		100°C below	
End connection	Inlet	KS B 6216 1 O K RF FLANGE	INLET 10, 20, 30K RF FLANGE
	Outlet	KS B 1511 10K FF FLANGE	
Materials	Body	GC200	SCPH2
	Disc, seat	STS304, SSC13	
Hydraulic test pressure		1.5 times of applicable flange rating	

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

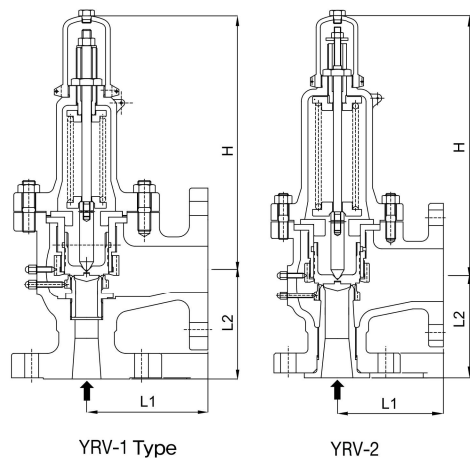
Dimensions

(mm)

Size Inlet X Outlet di X do	Seat diameter ds	Throat diameter dt	Throat area(mm ²) A	Lift L	Face to Face L1		Face to Face L2		Height (H)		Weight (kg)	
					YRV-1	YRV-2	YRV-1	YRV-2	YRV-1	YRV-2	YRV-1	YRV-2
25(1")X40(1½")	22	19	490.9	5.0	105	115	95	100	214	264	10.3	12.4
40(1½")X65(2½")	35	30	1256.6	7.5	125	130	120	125	278	316	19.2	24.85
50(2")X80(3")	45	38	1963.5	9.5	135	141	129	135	346	380	25.1	34.3
65(2½")X100(4")	58	49	3318.3	12.5	155	161	140	160	404	480	43.1	55.8
80(3")X125(5")	71	61	5026.5	15.5	175	179	160	180	487	535	61.7	77.2

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

Dimensional drawing



Application Diagram [Example]

