

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℃ 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	

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

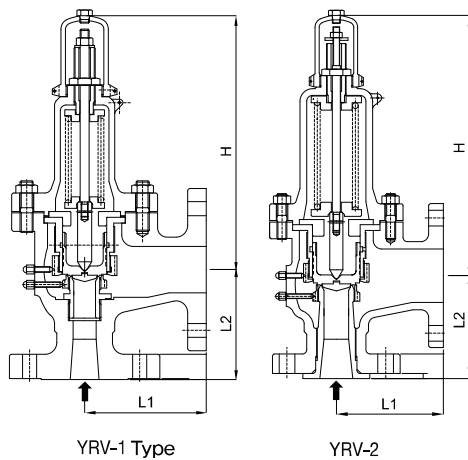
Dimensions

(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]

