

Type YSF-1, 2 Safety Valve (Full Bore Type) Steam Boiler Pressure Vessel



Type YSF-1



Type YSF-2

■ Features

- Simple structure and outstanding performance.
- Superb performance, followed by strict quality control procedure.
- High impact resistance and good abrasion resistance : The disc and seat are stainless steel welded with satellite.
- Test lever attached : Periodical performance inspections can be conducted.
- Approval from the Korea Occupational Safety and Health Agency (KOSHA).

■ Specifications

Type		YSF-1	YSF-2
Test lever		Yes	Optional
Applicable fluid		Steam, air	Liquid
Set pressure range		1~10kgf/cm ² g	
Fluid temperature		220° C below	
End connection	Inlet	KS B 6216 10K RF FLANGE	
	Outlet	KS B 1511 10K FF FLANGE	
Material	Body	GC200	
	Disc, seat	STS (Stellite welding)	
Hydraulic test pressure		15kgf/cm ² g	

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

■ Dimensions

(mm)

Size Inlet X Outlet	Seat diameter	Throat diameter	Throat area	Lift	Face to Face		Height(h)		Flange thickness	Weight(kg)	
					L1	L2	YSF-1	YSF-2		t	YSF-1
25(1")X40(1½")	22	19	0283.5	05.0	105	095	218	214	20	10.8	10.3
40(1½")X65(2½")	35	30	0706.8	07.5	125	120	297	278	20	20.1	19.2
50(2")X80(3")	45	38	1134.1	09.5	135	129	346	346	22	26.0	25.1
65(2½")X100(4")	58	49	1885.7	12.5	155	140	404	404	24	44.4	43.1
80(3")X125(5")	71	61	2922.5	15.5	175	160	487	487	24	63.4	61.7

■ Dimensional drawing

