

Steam boiler

Pressure Vessel

YSF-1, 2 Type Safety Valve (Full Bore Type)

02



YSF-1 Type



YSF-2 Type

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
- Approved by the Korea Occupational Safety and Health Agency (KOSHA).

Specification

Type		YSF-1	YSF-2
Test lever		Yes	Optional
Applicable fluid		Steam, air	Liquid
Set pressure range		0,1~1,0 MPa	
Fluid temperature		220°C below	80°C below
End connection	Inlet	KS B 6216 10K RF FLANGE	
	Outlet	KS B 1511 10K FF FLANGE	
Material	Body	GC200	
	Disc, seat	SSC13 (Stellite welding)	
Hydraulic test pressure		1,5Mpa	

▶ Install a strainer (40 MESH or more) at the front end when installing the valve.

Dimensions

(mm)

Size Inlet x Outlet	Seat diameter	Throat diameter	Throat area(mm ²)	Lift	Face to Face		Height(H)		Flange thickness(t)		Blow off rate(kg/h)		Weight (kg)	
					L1	L2	YSF-1	YSF-2	IN	OUT	Steam	air	YSF-1	YSF-2
25(1")X40(1½")	22	19	490,9	5,0	105	95	218	214	22	20	432	3460	10,8	10,3
40(1½")X65(2½")	35	30	1590,4	7,5	125	120	297	278	24	22	1107	8857	20,1	19,2
50(2")X80(3H)	45	38	1963,5	9,5	135	129	346	346	26	22	1729	13840	26,0	25,1
65(2½")X100(4")	58	49	3318,3	12,5	155	140	404	404	28	24	2922	23389	44,4	43,1
80(3")X125(5")	71	61	5026,5	15,5	175	160	487	487	24	24	4427	35429	63,4	61,7

Dimensional drawing

