

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 ds	Throat diameter dt	Throat area(mm ²) A	Lift L	Face to Face		Height(H)		Flange thickness(t)		Blow off rate(kg/h) YSF-1		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

