

Type YSF-5, 6 Safety Valve (Full Bore Type) Steam Boiler

Pressure Vessel

■ 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

Туре	YSF-5	YSF-6				
Test lever	Yes	Optional				
Applicable fluid	Steam, air	Liquid				
Set pressure range	1~10kgf/cm²g					
Fluid temperature	220° C below					
End connection	KS PT SCREW					
Materials	GC200 : Cast iron, Disc, seat: STS (Stellite welding)					
Hydraulic test pressure	15kgf/cm²g					

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

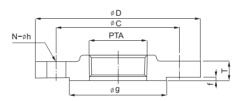
■ Dimensions

(mm)

Size Inlet X Outlet	Seat diameter	Throat diameter	Throat area	Lift	Face to Face		Height(h)		Connection size		Weight(kg)	
di X do	Ds	dt	a(mm²)	Q	L1	L2	YSF-5	YSF-6	IN	OUT	YSF-5	YSF-6
20(¾")X25(1")	18	15	176.5	3.8	50	74	182	180	1"	1"	33	5.0
25(1")X32(1½")	22	19	283.3	5.0	60	85	215	212	11/4"	11/4"	5.2	9.2
40(1½")X50(2")	35	30	706.5	7.5	80	100	295	293	2"	2"	9.6	16.0
50(2")X65(2½")	45	38	1133.5	9.5	90	115	335	332	21/2"	21/2"	16.0	3.2

■ For reference

In order to install the type YSF-5, 6 as a flange, a coupling flange is required by made-to-order.

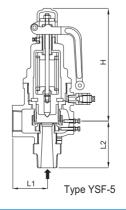


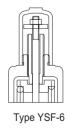
» Dimensions (KS B 6216 10K RF FLANGE)

(mm)

Category Size	PTA	ø D	øС	øg	N-øh	f	Т
20(¾")	1"	125	90	67	4-19	1	18
25(1")	11/4"	135	100	76	4-19	2	20
40(1½")	2"	155	120	96	8-19	2	20
50(2")	21/2"	175	140	116	8-19	2	22

■ Dimensional drawing







Type YSF-5



Type YSF-6