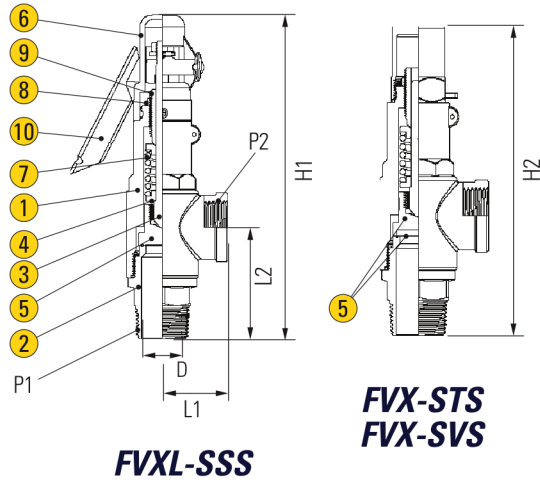


SAFETY VALVE FULL LIFT TYPE

STAINLESS STEEL



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APPLICATION

Suitable for water, steam, oil, gases and non-abrasive media
(Refer to corrosion resistance table for valve materials selection).

SPECIFICATION

End Connection Male thread inlet
Female thread outlet
Adjustment Range Standard 0.3 to 10 kg/cm²
Up to 110 Bar (optional)
Working Temperature Up to 350°C
Optional Lifting lever, Disc with PTFE

MATERIAL

Parts	Material									
	FVXL-SSS with lever, metal-to-metal sealing	FVX-SSS metal-to-metal sealing	FVXL-SVS with lever, disc insert Viton	FVX-SVS disc insert Viton	FVXL-STS with lever, disc insert PTFE	FVX-STS disc insert PTFE	FVHXL with lever, inlet flange outlet thread	FVFX inlet flange outlet thread	FVFFXL with lever, inlet flange outlet thread	FVFX inlet flange outlet thread
1 Valve Body	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316
2 Valve Seat	SS316	SS316	SS316	SS316	SS316	SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316	SS304 / SS316
3 Spindle	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
4 Spring Seat	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
5 Disc	SS316	SS316	SS316 + Viton	SS316 + Viton	SS316 + PTFE	SS316 + PTFE	SS316	SS316	SS316	SS316
6 Cap	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
7 Spring	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
8 Nut	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
9 Adjusting Screw	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
10 Handle	SS304	-	SS304	-	SS304	-	SS304	-	SS304	-
Working Pressure	0.1 ~ 100 (kg/cm ²)		0.1 ~ 50 (kg/cm ²)		0.1 ~ 50 (kg/cm ²)		0.1 ~ 100 (kg/cm ²)		0.1 ~ 100 (kg/cm ²)	
Working Temperature	-196°C ~ 350°C		-40°C ~ 200°C		-40°C ~ 200°C		-196°C ~ 350°C		-196°C ~ 350°C	

DIMENSIONS

Unit : mm

FVXL-SSS ~ FVX-STS						
Size	Orifice	Lift	L1	L2	H1	H2
P1 x P2	D					
1/2 x 1	15	1	41	66	200	179
3/4 x 1	20	1.5	41	66	200	179
1 x 1	21	2	41	71	205	183
1-1/4 x 2	33	2.5	65	101	285	261
1-1/2 x 2	39	3	65	101	285	261
2 x 2	39	4	65	104	288	265

DIMENSIONS

Unit : mm

FVHXL ~ FVFX											
Size	Orifice	Lift	FVHXL & FVFX				FVFFXL & FVFX				
P1 x P2	D		L1	L2	H1	H2	L1	L2	H1	H2	
1/2 x 1/2	15	1	41	66	200	179	84.5	72	203	182	
3/4 x 3/4	20	1.5	41	72	-	183	-	72	203	-	
3/4 x 1	20	1.5	41	72	200	-	84.5	-	-	182	
1 x 1	21	2	41	77	205	183	99	77	210	187	
1-1/4 x 1-1/4	33	2.5	65	101	285	261	128	106	289	265	
1-1/2 x 1-1/2	39	3	65	101	285	261	135	107	290	266	
2 x 2	39	4	65	104	288	265	321	293	293	268	

*Specification given are subject to changed without further notice.