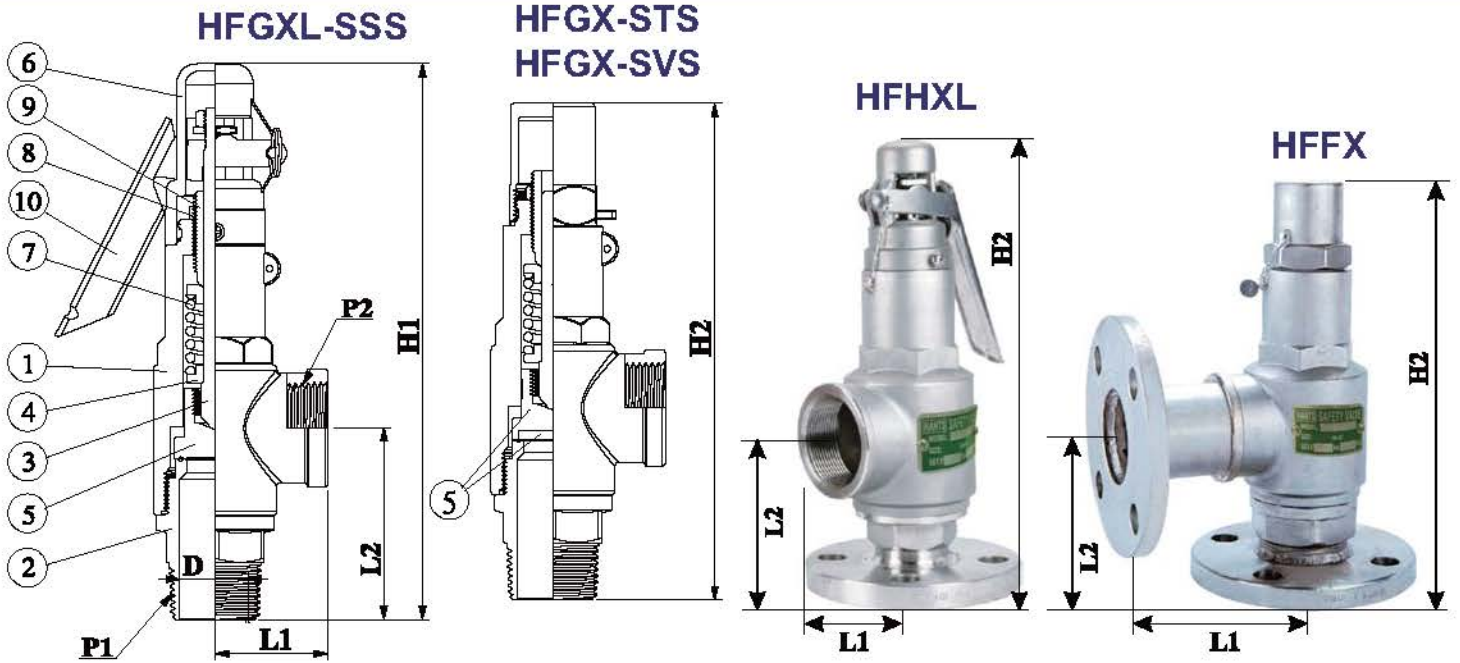


STAINLESS STEEL SAFETY VALVE



General material

NO	TYPE NAME	HFGXL-SSS	HFGX-SSS	HFGXL-SVS	HFGX-SVS	HFGXL-ST	HFGX-ST	HFHXL	HFHX	HFFXL	HFFX
		Safety Valve with Lever metal to metal	Safety Valve with Sealing metal to metal	Safety Valve with Lever Disc insert Viton	Safety Valve with Sealing Disc insert Viton	Safety Valve with Lever Disc insert PTFE	Safety Valve with Sealing Disc insert PTFE	Inlet: Flange Outlet: Thread	Inlet: Flange Outlet: Thread	Inlet: Flange Outlet: Flange	Inlet: Flange Outlet: Flange
1	VALVE BODY	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316	SS304/316
2	VALVE SEAT	SS316	SS316	SS316	SS316	SS316	SS316	SS304/316	SS304/316	SS304/316	SS304/316
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	ADJUST SCREW	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304	SS304
10	HANDLE	SS304	-	SS304	-	SS304	-	SS304	-	SS304	-
WORKING PRESSURE (Kg/cm ²)		0.1~110		0.1~50		0.1~50		0.1~110		0.1~110	
WORKING TEMP.(°C)		-196°C~350°C		-40°C~200°C		-40°C~200°C		-196°C~350°C		-196°C~300°C	

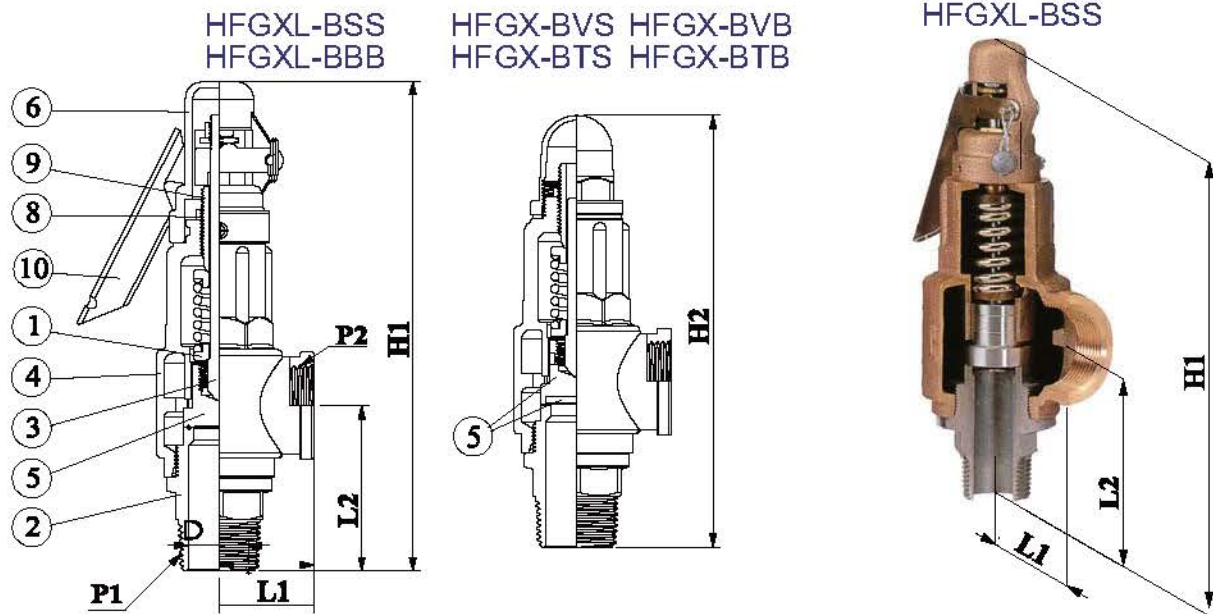
Dimension (HFGXL-SSS~HFGX-ST)

NOMINAL						Weight(Kg)					
P1	*	D	*	P2	LIFT	L1	L2	H1	H2	HFGXL-SSS	HFGX-SSS
										HFGXL-SVS	HFGX-SVS
										HFGXL-ST	HFGX-ST
1/2	*	15	*	1	1.04	41	66	200	179	1.376	1.266
3/4	*	20	*	1	1.52	41	65	199	177	1.354	1.244
1	*	21	*	1	2	41	71	205	183	1.348	1.238
1 1/4	*	33	*	2	2.56	65	101	285	261	5.384	5.212
1 1/2	*	39	*	2	3.04	65	101	285	261	5.23	5.058
2	*	39	*	2	4	65	104	288	265	5.398	5.226

Dimension (HFHXL~HFFX)+ Flanged ends

NOMINAL						LIFT						Weight(Kg)		Weight(Kg)			
P1	*	D	*	P2	LIFT	L1	L2	H1	H2	HFHXL~HFHX		HFFXL~HFFX		HFFXL	HFFX		
										HFHXL	HFHX	L1	L2			H1	H2
1/2	*	15	*	1/2	1.04	41	66	200	179	2.5	2.3	84.5	72	203	182	3.4	3.3
3/4	*	20	*	3/4	1.52	41	72	-	183	-	2.5	-	72	203	-	3.6	-
3/4	*	20	*	1	1.52	41	72	199	-	2.6	-	84.5	-	-	182	-	3.5
1	*	21	*	1	2	41	77	205	183	2.7	2.7	99	77	210	187	3.7	3.6
1 1/4	*	33	*	1 1/4	2.56	65	101	285	261	7.5	6.9	128	106	289	265	8.6	8
1 1/2	*	39	*	1 1/2	3.04	65	101	285	261	7.7	7	135	107	290	266	8.9	8.2
2	*	39	*	2	4	65	104	288	265	8	7.2	129	293	293	268	9.1	8.3

BRONZE SAFETY VALVE



General material

NO.	NAME	TYPE	HFGXL-BSS	HFGX-BSS	HFGXL-BVS	HFGX-BVS	HFGXL-BTS	HFGX-BTS
			Safety Valve with Lever metal to metal	Safety Valve with Sealing metal to metal	Safety Valve with Lever Disc insert Viton	Safety Valve with Sealing Disc insert Viton	Safety Valve with Lever Disc insert PTFE	Safety Valve with Sealing Disc insert PTFE
1	VALVE BODY		BRONZE	BRONZE	BRONZE	BRONZE	BRONZE	BRONZE
2	VALVE SEAT		SS304	SS304	SS304	SS304	SS304	SS304
3	SPINDLE		BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
4	SPRING SEAT		BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
5	DISC		SS304	SS304	SS304+VITON	SS304+VITON	SS304+PTFE	SS304+PTFE
6	CAP		BRONZE	BRASS	BRONZE	BRASS	BRONZE	BRASS
7	SPRING		STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
8	NUT		BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
9	ADJUST SCREW		BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
10	HANDLE		STEEL	-	STEEL	-	STEEL	-
WORKING PRESSURE(Kg/cm ²)			0.1~40		0.1~40		0.1~40	
WORKING TEMP.(°C)			-196°C~225°C		-40°C~200°C		-40°C~200°C	

Dimension

NOMINAL					LIFT	L1	L2	H1	H2	Weight(Kg)		Weight(Kg)		Weight(Kg)	
P1	*	D	*	P2						HFGXL-BSS	HFGX-BSS	HFGXL-BVS	HFGX-BVS	HFGXL-BTS	HFGX-BTS
1/2	*	15	*	3/4	1.04	35	53.5	169	144.6	0.755	0.66	0.755	0.66	0.755	0.66
1/2	*	15	*	1	1.52	39	63	196.5	172.6	1.278	1.08	1.278	1.08	1.278	1.08
3/4	*	19.5	*	1	1.52	39	62.5	196	172.1	1.25	1.06	1.25	1.06	1.25	1.06
1	*	21	*	1	1.52	39	68	201.5	177.6	1.25	1.06	1.25	1.06	1.25	1.06
1	*	26	*	1 1/4	2	52	74.5	215.5	197.1	2.03	1.96	2.03	1.96	2.03	1.96
1 1/4	*	33	*	1 1/2	2.56	58.5	88.5	245.5	227.1	2.64	2.55	2.64	2.55	2.64	2.55
1 1/2	*	39	*	2	3.04	64.5	100.5	284.5	258.1	4	3.92	4	3.92	4	3.92
2	*	39	*	2	3.04	64.5	103.5	287.5	261.1	4.36	4.11	4.36	4.11	4.36	4.11
2	*	50	*	2 1/2	4	72	110	303	276.6	5.5	5.29	5.5	5.29	5.5	5.29

SAFETY VALVE

General material

NO.	TYPE NAME	HFGXL-BBB	HFGX-BBB	HFGXL-BVB	HFGX-BVB	HFGXL-BTB	HFGX-BTB
		Safety Valve with Lever metal to metal	Safety Valve with Sealing metal to metal	Safety Valve with Lever Disc insert Viton	Safety Valve with Sealing Disc insert Viton	Safety Valve with Lever Disc insert PTFE	Safety Valve with Sealing Disc insert PTFE
1	VALVE BODY	BRONZE	BRONZE	BRONZE	BRONZE	BRONZE	BRONZE
2	VALVE SEAT	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
3	SPINDLE	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
4	SPRING SEAT	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
5	DISC	BRASS	BRASS	BRASS+VITON	BRASS+VITON	BRASS+PTFE	BRASS+PTFE
6	CAP	BRONZE	BRASS	BRONZE	BRASS	BRONZE	BRASS
7	SPRING	STEEL	STEEL	STEEL	STEEL	STEEL	STEEL
8	NUT	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
9	ADJUST SCREW	BRASS	BRASS	BRASS	BRASS	BRASS	BRASS
10	HANDLE	STEEL	-	STEEL	-	STEEL	-
WORKING PRESSURE (Kg/cm ²)		0.1~20		0.1~50		0.1~50	
WORKING TEMP.(C)		-196°C~225°C		-40°C~200°C		-40°C~200°C	

Dimension

NOMINAL					LIFT	L1	L2	H1	H2	Weight(Kg)		Weight(Kg)	
P1	*	D	*	P2						HFGXL-BBB	HFGX-BBB	HFGXL-BVB HFGXL-BTB	HFGX-BVB HFGX-BTB
1/2	*	15	*	3/4	1.04	35	52.5	168	143.6	0.73	0.65	0.73	0.65
3/4	*	20	*	1	1.52	39	64.8	198.3	174.4	1.3	1.18	1.3	1.18
1	*	25	*	1 1/4	2	52	72.5	213.5	195.1	1.89	1.3	1.89	1.3
1 1/4	*	32	*	1 1/2	2.56	58.5	88.5	245.5	227.1	2.48	2.3	2.48	2.3
1 1/2	*	40	*	2	3.04	64.5	100.5	284.5	258.1	4.02	3.2	4.02	3.2
2	*	50	*	2 1/2	4	72	107	300	273.6	5.55	5.3	5.55	5.3
2 1/2	*	65	*	2 1/2	4.56	72	107	300	-	5.8	-	-	-

SAFETY VALVES



3/4"

HS20



SS303
1/8~1/4"

HS30



1/2"

HAZ-04



3/8~1/2"

HCVS



1/4~1"

HHOP-411A



1/4"

HHOP-411B



1/4"

HHOP-411C



1/2~3/4"

HHOP-411D



1/4"

HHOP-411E



1/2~1"

HHOP-411F