

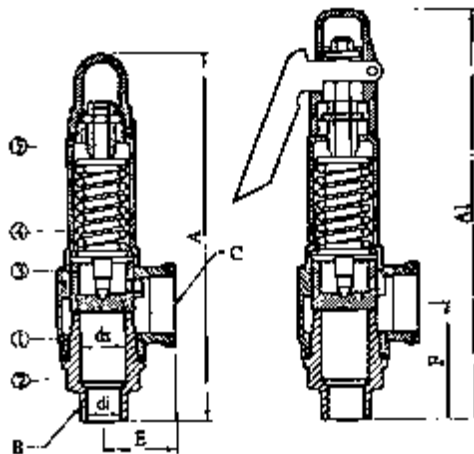
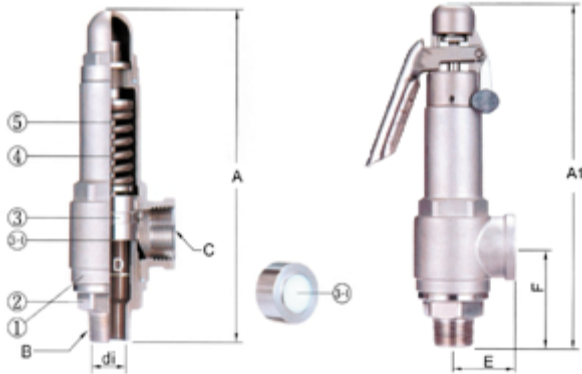
**MODEL:**

**SV-S9DA / SVP-S9DA WITHOUT LEVER**  
**SV-S9DL / SVP-S9DL WITH LEVER**

When placing order, please indicate **Working Pressure**

The features of low lift stainless steel safety valves for which the valve seat & disc are processed by lapping.

The Disc can be replaced with PTFE for good effect of anti-leakage.  
 (Model: SVP-S9DA, SVP-S9DL)



**METAL TO METAL**

<b>Working Fluid</b>	<b>Metal to Metal</b> Non-Corrosive Gas, Corrosive Gas, Air, Steam.
	<b>PTFE</b> Non-Corrosive Gas, Non-Corrosive Liquid, Corrosive Gas / Liquid; Air, Steam, Water, Oil.
<b>Working Temp.</b>	-196°C ~ 290°C (METAL TO METAL) -60°C ~ 196°C (PTFE)
<b>Working Pressure</b>	<b>SV-S9DA / SV-S9DL</b> 0.3 ~ 10 kgf/cm <sup>2</sup> , 11 ~ 20 kgf/cm <sup>2</sup>
	<b>SVP-S9DA / SVP-S9DL</b> 2 ~ 10 kgf/cm <sup>2</sup> , 11 ~ 20 kgf/cm <sup>2</sup> (PTFE)
<b>Thread End</b>	BSPT (BS21), NPT (ANSI B2.1)

**Material**

No. / Part	W/O Lever	SV-S9DA	SVP-S9DA
	With Lever	SV-S9DL	SVP-S9DL
	Type	METAL TO METAL	PTFE
1	Valve Body	CF8	CF8
2	Valve Seat	CF8	CF8
3	Valve Disc	SUS304	SUS304
3-1	Soft Seal	—	PTFE
4	Spring	SUS304	SUS304
5	Stem	SUS304	SUS304
6	Cap	CF8	CF8
7	Packing (S9DA)	PTFE	PTFE
8	Spring Seat	SUS304	SUS304
9	Nut	SUS304	SUS304
10	Adjusting Screw	SUS304	SUS304
11	Handle (S9DL)	SUS304	SUS304

**Dimension Type Sealing (without lever)**

Size	mm								Lift ℓ	Wt. kgs
	A	Inlet B	Outlet C	Inlet Orifice di	Valve Seat Orifice ds	E	F			
1/4" x 1/2"	140	1/4"	1/2"	8	13	29	47	0.52	0.50	
3/8" x 1/2"	140	3/8"	1/2"	10	13	29	47	0.52	0.50	
1/2" x 3/4"	164	1/2"	3/4"	13	19	36	55	0.76	0.70	
3/4" x 1"	196	3/4"	1"	19	25	40	61	1.00	1.20	
1" x 1.1/4"	232	1"	1.1/4"	25	32	50	75	1.28	1.90	
1.1/4" x 1.1/2"	256	1.1/4"	1.1/2"	32	38	54	86	1.52	2.60	
1.1/2" x 2"	283	1.1/2"	2"	38	50	66	96	2.00	4.30	

**Type Lever mm**

Size	A1	Wt. kgs
1/4" x 1/2"	166	0.60
3/8" x 1/2"	166	0.60
1/2" x 3/4"	190	0.80
3/4" x 1"	218	1.30
1" x 1.1/4"	248	2.00
1.1/4" x 1.1/2"	272	2.70
1.1/2" x 2"	306	4.50