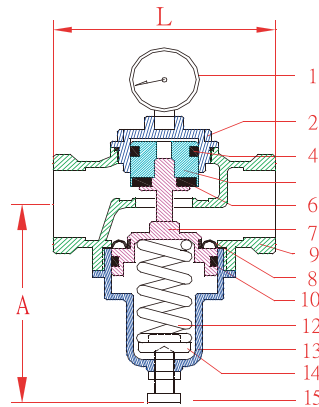


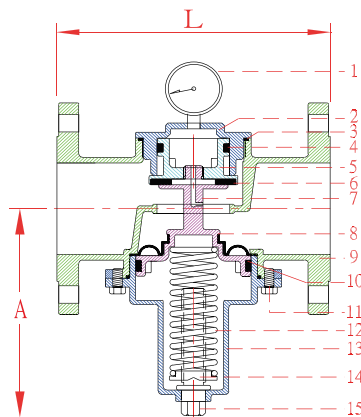
DIRECT-ACTIVATED PRESSURE REDUCING VALVE (Stainless Steel 316)

- ▶ Valve Body is made by Stainless Steel #316, suitable for fluid, air and steam.
- ▶ The gate is balanced-pressure designed, which will not influence the outlet pressure caused by unstable inlet pressure.
- ▶ When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it responds quickly and adjusts the pressure accurately.
- ▶ Design of piston and diaphragm improves the inability of sustaining pressure and leakage.

- ▶ Pressure Adjusting Range : $1 \sim 6 \text{ kgf/cm}^2$
 $4 \sim 10 \text{ kgf/cm}^2$
 $8 \sim 13 \text{ kgf/cm}^2$
- ▶ Pressure needed from fully-closed gate to fully-opened gate : 1.5 kgf/cm^2 ($1 \text{ kgf/cm}^2 = 14.2 \text{ psi}$)
- ▶ Applied Temperature : $-15 \sim 100^\circ\text{C}$
 $100 \sim 180^\circ\text{C}$ (For steam)
- ▶ Valve Body Testing Pressure : 35 kgf/cm^2
- ▶ Maximum Applied Pressure : 25 kgf/cm^2



(Thread end)



(Flange Type)

No	Part Name	Material
1	Gauge	Stainless Steel
2	Upper Cover	CF8M
3	O-ring	NBR / Viton
4	U-ring	NBR / Viton
5	Piston	CF8M
6	Sealing Spacer	NBR / Viton / Teflon
7	Shaft	CF8M
8	Diaphragm	NBR / Viton
9	Main Body	CF8M
10	UH-ring	NBR / Viton
11	Fixed Bolt	Stainless Steel 304
12	Spring	Spring Steel
13	Lower Cover	CF8M
14	Washer	Brass
15	Adjusting Stem	Stainless Steel 304

(Thread end)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RET15-S	1/2"	80	70	0.8	2.4
RET20-S	3/4"	105	85	1.0	9.0
RET25-S	1"	105	92	1.1	11.0
RET40-S	1 1/2"	130	115	2.2	21.0
RET50-S	2"	130	120	3.1	25.0

(Flange Type)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
REF15-S	1/2"	85	150	2.0	2.4
REF20-S	3/4"	105	150	2.8	9
REF25-S	1"	105	150	3.5	11
REF40-S	1 1/2"	130	190	5.9	21
REF50-S	2"	130	190	6.5	25
REF65-S	2 1/2"	185	210	11.5	75
REF80-S	3"	185	225	12.0	80
REF100-S	4"	230	250	19.0	120
REF150-S	6"	290	310	45.0	250