

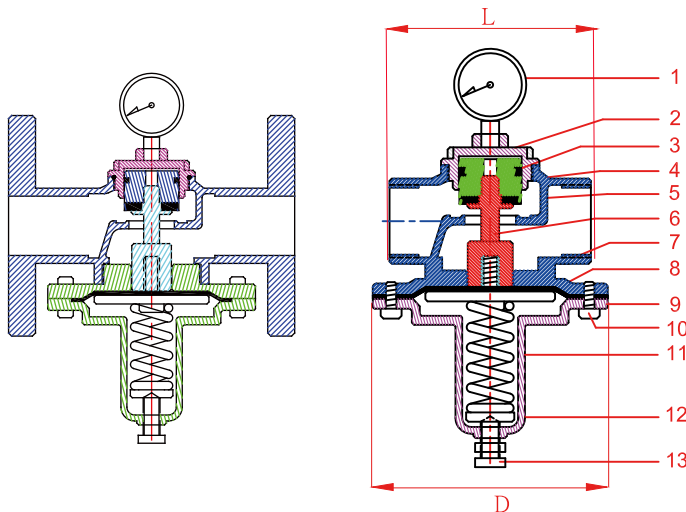


LOW PRESSURE TYPE DIRECT-ACTIVATED PRESSURE REDUCING VALVE (Stainless Steel 316)

- ▶ Valve Body is made by Stainless Steel #316, suitable for fluid, air and oil.
- ▶ Larger diaphragm is more sensitive to pressure.



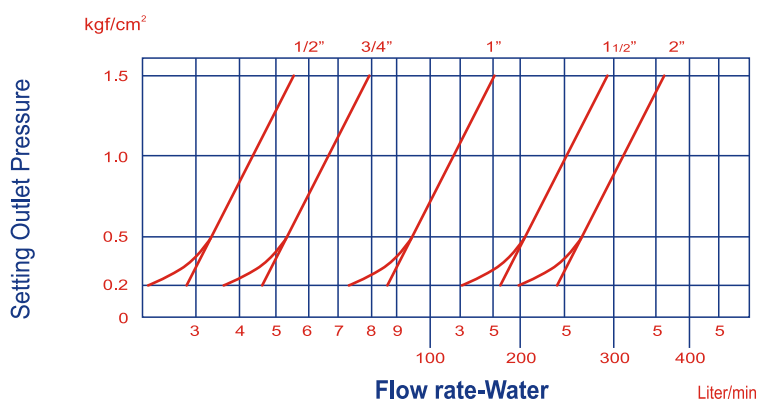
- ▶ Pressure Adjusting Range : 0.2 ~ 1.5 kgf/cm²
0.6 ~ 2.0 kgf/cm²
- ▶ Applied Temperature : -15 ~ 80°C
- ▶ Valve Body Testing Pressure : 16 kgf/cm²
- ▶ Maximum Applied Pressure : 10 kgf/cm²
- ▶ Horizontal installation (Adjusting stem points down)
is obligatory



No	Part Name	Material
1	Pressure Gauge	Stainless Steel
2	Upper Cover	Stainless Steel 316
3	U-ring	NBR / Viton
4	Piston	Stainless Steel 316
5	Sealing Spacer	NBR / Viton
6	Shaft	Stainless Steel 316
7	Main Body	Stainless Steel 316
8	Diaphragm	EPDM/ Viton
9	Lower Cover	Stainless Steel 316
10	Fixed Bolt	Stainless Steel 304
11	Spring	Spring Steel
12	Washer	Brass
13	Adjusting Stem	Stainless Steel 304

Thread / Flange Type
 ◎ Thread type does not have Part No. 10.

Flow Chart of Direct-activated Pressure Reducing Valve



FLANGE STANDARD: CLASS 150/ CLASS 300 ANSI
 (Flange End)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
REL15-S	1/2"	110	150	2.5	2.4
REL20-S	3/4"	125	150	3.5	9.0
REL25-S	1"	125	150	5.6	11.0
REL40-S	1.5"	155	190	8.7	21.0
REL50-S	2"	155	190	13.5	25.0