

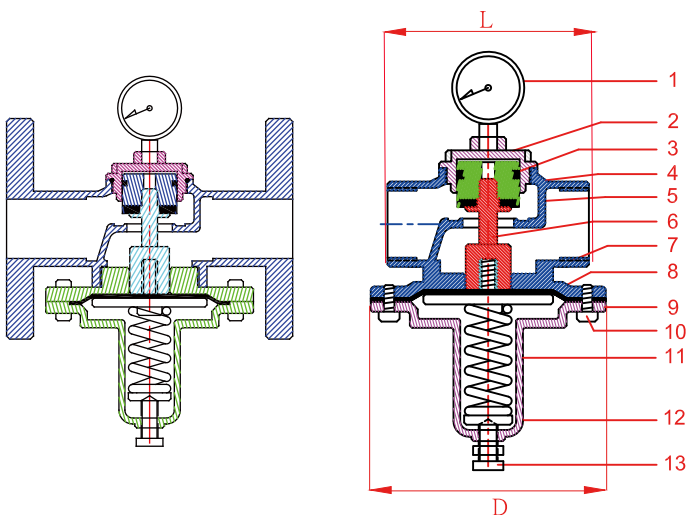


# LOW PRESSURE TYPE DIRECT-ACTIVATED PRESSURE REDUCING VALVE ( Stainless Steel 316 )

- ▶ 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/cm<sup>2</sup>  
0.6 ~ 2.0 kgf/cm<sup>2</sup>
- ▶ Applied Temperature : -15 ~ 80°C
- ▶ Valve Body Testing Pressure : 16 kgf/cm<sup>2</sup>
- ▶ Maximum Applied Pressure : 10 kgf/cm<sup>2</sup>
- ▶ Horizontal installation (Adjusting stem points down) is obligatory



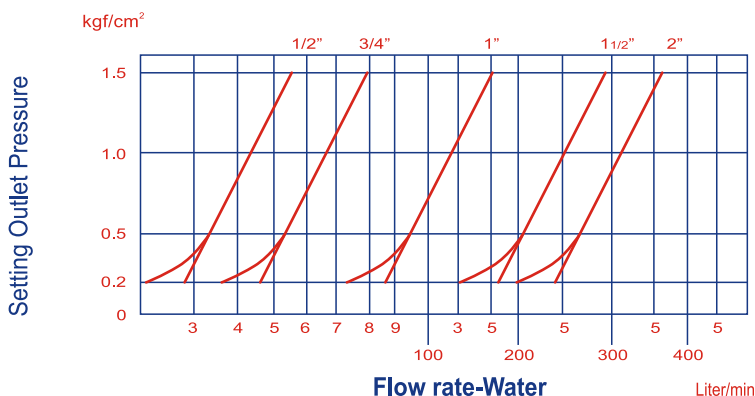
No	Part Name	Material
1	Pressure Gauge	Stainless Steel
2	Upper Cover	Stainless Steel 316
3	U-ring	NBR / Viton
4	Piston	Stainless Steel 316
5	Sealing Spacer	NBR / Viton
6	Shaft	Stainless Steel 316
7	Main Body	Stainless Steel 316
8	Diaphragm	EPDM/ Viton
9	Lower Cover	Stainless Steel 316
10	Fixed Bolt	Stainless 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.

(Thread End)

Item No	Size	H(mm)	L(mm)	D(mm)	Weight(kg)	CV
RELT15-S	1/2"	110	70	105	1.3	2.4
RELT20-S	3/4"	125	85	105	1.5	9.0
RELT25-S	1"	125	90	105	1.6	11.0
RELT40-S	1.5"	155	115	145	3.0	21.0
RELT50-S	2"	155	120	145	4.0	25.0

### 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
RELF15-S	1/2"	110	150	2.5	2.4
RELF20-S	3/4"	125	150	3.5	9.0
RELF25-S	1"	125	150	5.6	11.0
RELF40-S	1.5"	155	190	8.7	21.0
RELF50-S	2"	155	190	13.5	25.0