

Media: Air – Water – Oil – Gas - Fluid
 Pressure: Inlet 13 Bar max
 Pressure: Relief (1-5) (4-10) or (8-13) Bar
 Media temperature: -15°C to +60°C max
 Media viscosity: 40 centistokes max
 Mounting: any position

Pressure Relief Valve

1/2 – 2 & DN15-DN150
 316 STAINLESS STEEL
 DIRECT ACTING
 (1 – 5), (4 – 10) or (8 – 13) Bar
 TYPE RLT + RLF



PRESSURE

Ø Port BSPT	Flow Kv L/Min	Maximum Inlet (Bar)	Part Number Pressure Adjustment Range Options (1 – 5 Bar), (4 – 10) or (8 – 13) Bar	List Price	
				Seals NBR +60°C Max	Seals Viton +100°C Max
1/2	36.04	13 Bar	RLT15S + seal + pressure range		
3/4	57.7		RLT20S + seal + pressure range		
1	93.7		RLT25S + seal + pressure range		
1 1/2	184.7		RLT40S + seal + pressure range		
2	245.1		RLT50S + seal + pressure range		

Ø Port PN16 Flange

DN15	36.04	13 Bar	RLF15S + seal + pressure range		
DN20	57.7		RLF20S + seal + pressure range		
DN25	93.7		RLF25S + seal + pressure range		
DN40	184.7		RLF40S + seal + pressure range		
DN50	245.1		RLF50S + seal + pressure range		
DN65	432.5		RLF65S + seal + pressure range		
DN80	605.5		RLF80S + seal + pressure range		
DN100	1081.25		RLF100S + seal + pressure range		
DN150	2450.83		RLF150S + seal + pressure range		

OPTIONS

Pressure Gauge
 JIS10K, ANSI150Lb flange or NPT, BSPP (G) thread
 Duplex 316 stainless steel
 Other custom made options available upon request

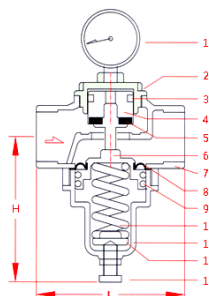
Included
 +10%
 +30%

CONSTRUCTION

RLT Pressure adjustment screw 1/2 to 1" is external, 1 1/2 and 2" is internal, Test pressure 35 Bar

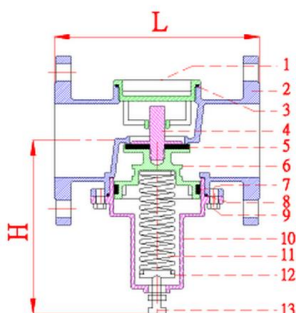
OVERALL DIMENSIONS

No	Part	Material	No	Part	Material
1	Gauge	Stainless	7	Body	316 St St
2	Cover	316 St St	8	Diaphragm	FKM/NBR
3	O Ring	FKM/NBR	9	O Ring	FKM/NBR
4	Piston	316 St St	10	Spring	Steel
5	Seal	FKM/NBR	11	Cover	316 St St
6	Shaft	316 St St	12	Washer	Brass
			13	Stem	316 St St



Model	Port	H (mm)	L (mm)	Kg
RLT15S	1/2	80	70	0.8
RLT20S	3/4	105	85	0.9
RLT25S	1	105	92	1.0
RLT40S	1 1/2	130	115	2.2
RLT50S	2	130	120	3.1

No	Part	Material
1	Cover	316 Stainless Steel
2	Main Body	316 Stainless Steel
3	O Ring	FKM or NBR
4	Shaft	316 Stainless Steel
5	Sealing Spacer	PTFE
6	Seat	316 Stainless Steel
7	UH Ring	FKM or NBR
8	O Ring	FKM or NBR
9	Fixed Bolt	304 Stainless Steel
10	Lower Cover	316 Stainless Steel
11	Washer	Brass
12	Adjusting Stem	304 Stainless Steel



Model	Port	H (mm)	L (mm)	Kg
RLF15S	1/2	85	150	2
RLF20S	3/4	105	150	2.8
RLF25S	1	105	150	3.5
RLF40S	1 1/2	130	190	5.9
RLF50S	2	130	190	6.5
RLF65S	2 1/2	185	210	11.5
RLF80S	3	185	225	12
RLF100S	4	230	250	19
RLF150S	6	290	310	45

Flow Chart of Direct-Activated Pressure Relief Valve

