

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 BSP	Flow Cv M <sup>3</sup> /Hr	Maximum Inle (Bar)t	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	1.44	13 Bar	RLT15S + seal + pressure range		
3/4	5.38		RLT20S + seal + pressure range		
1	6.58		RLT25S + seal + pressure range		
1 1/2	12.57		RLT40S + seal + pressure range		
2	14.96		RLT50S + seal + pressure range		
Ø Port PN16 Flange					
DN15	2.5	13 Bar	RLF15S + seal + pressure range		
DN20	4.0		RLF20S + seal + pressure range		
DN25	6.5		RLF25S + seal + pressure range		
DN32	13.0		RLF32S + seal + pressure range		
DN40	13.0		RLF40S + seal + pressure range		
DN50	17.0		RLF50S + seal + pressure range		
DN65	30.0		RLF65S + seal + pressure range		
DN80	42.0		RLF80S + seal + pressure range		
DN100	75.0		RLF100S + seal + pressure range		
DN150	170.0		RLF150S + seal + pressure range		

## OPTIONS

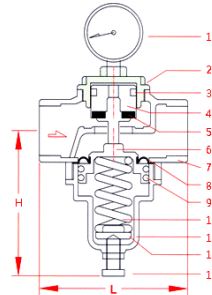
Pressure Gauge Other flange options Duplex 316 stainless steel Other custom made options available upon request	<b>Included</b>
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## CONSTRUCTION

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

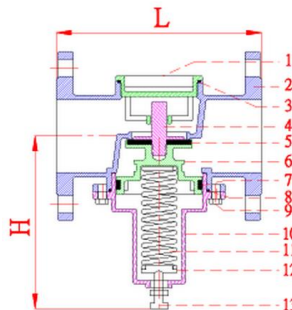
## OVERALL DIMENSIONS

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

