

Media: air – water – gas - fluid
 Back pressure range: 0.3 to 1.5 Bar
 Media temperature: -15°C to +100°C max
 Ambient temperature: +80°C max
 Media viscosity: 40 centistokes max
 Mounting: Gauge upright, stem down

Low Pressure Relief Valve

1/2 – 2" or DN15–50
 316 STAINLESS STEEL
 DIRECT ACTING
 0.3 – 1.5 Bar
 TYPE RLLT + RLLF



PRESSURE

Ø Port BSPT	Kv Flow Factor L/min	Pressure Rating (Bar)			Part Number	List Price	
		Max Inlet (Bar)	Adjustable Pressure Relief Range			Seals NBR +60°C Max	Seals Viton +100°C Max
			Minimum	Maximum			
1/2	34.6	10	0.3	1.5	RLLT15S + seal		
3/4	129.75	10	0.3	1.5	RLLT20S + seal		
1	158.6	10	0.3	1.5	RLLT25S + seal		
1 1/2	302.75	10	0.3	1.5	RLLT40S + seal		
2	360.4	10	0.3	1.5	RLLT50S + seal		
Port PN16 Flange							
DN15	34.6	10	0.3	1.5	RLLF15S + seal		
DN20	129.75	10	0.3	1.5	RLLF20S + seal		
DN25	158.6	10	0.3	1.5	RLLF25S + seal		
DN40	302.75	10	0.3	1.5	RLLF40S + seal		
DN50	360.4	10	0.3	1.5	RLLF50S + seal		

OPTIONS

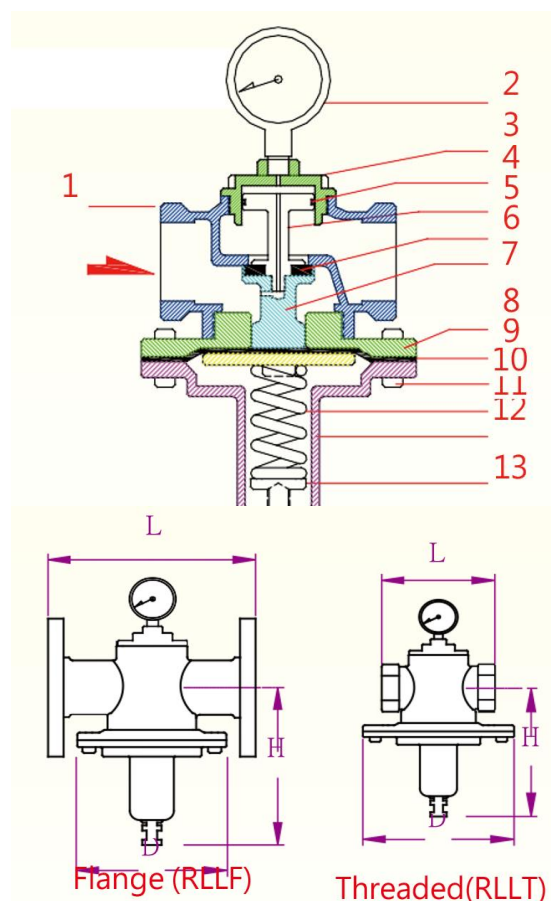
Pressure Gauge (316 Stainless steel) displays inlet pressure
 Other flange ANSI150Lb, JIS10K, JIS20K or NPT & BSPP (G) thread options
 Duplex 316 stainless steel
 Other custom made seal, media and pressure options available upon request

Included
 +10%
 +30%

CONSTRUCTION

Body, Piston & shaft: 316 stainless steel, Seals: NBR or FKM, Spring: steel, Fixing bolts and adjusting stem: 304 stainless steel
 Test Pressure: 16 Bar

OVERALL DIMENSIONS



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

Part No:	Port	H mm	L mm	D	Kg
RELT15	1/2	110	70	105	1.3
RELT20	3/4	125	85	105	1.5
RELT25	1	125	90	105	1.6
RELT40	1 1/2	155	115	145	3
RELT50	2	155	120	145	4

Part No:	Port	H mm	L mm	Kg
RELF15	DN15	110	150	2.5
RELF20	DN20	125	150	3.5
RELF25	DN25	125	150	5.6
RELF40	DN40	155	190	8.7
RELF50	DN50	155	190	13.5