

Media: Air – Water – Oil – Gas - Fluid  
 Pressure: Inlet Water 25 Bar, Air 20 Bar  
 Pressure: (1.5 - 6), (4 - 10) or (8 - 13) Bar  
 Media temperature: -15°C to +60°C max  
 Media viscosity: 40 centistokes max  
 Mounting: any position

## Pressure Reducing Valve

### 1/2 – 2” & DN15-DN150

## STAINLESS STEEL

### DIRECT ACTING

### (1.5 – 6), (4 – 10) or (8 – 13) Bar

## TYPE RET + REF



### PRESSURE

Ø Port BSP	Flow Kv L/min	Max Inlet (Bar)		Part Number Outlet Adjustment Range Options (1.5 - 6), (4 - 10) or (8 - 13) Bar	List Price	
		Air	Water		Seals NBR +60°C Max	Seals Viton +100°C Max
1/2	41.7	20	25	RET15S + seal + pressure range		
3/4	66.7	20	25	RET20S + seal + pressure range		
1	108.3	20	25	RET25S + seal + pressure range		
1 1/2	216.7	20	25	RET40S + seal + pressure range		
2	283.3	20	25	RET50S + seal + pressure range		
Ø Port PN16 Flange						
DN15	41.7	20	25	REF15S + seal + pressure range		
DN20	66.7	20	25	REF20S + seal + pressure range		
DN25	108.3	20	25	REF25S + seal + pressure range		
DN32	108.3	20	25	REF32S + seal + pressure range		
DN40	216.7	20	25	REF40S + seal + pressure range		
DN50	283.3	20	25	REF50S + seal + pressure range		
DN65	500	20	25	REF65S + seal + pressure range		
DN80	700	20	25	REF80S + seal + pressure range		
DN100	1250	20	25	REF100S + seal + pressure range		
DN150	2833.3	20	25	REF150S + seal + pressure range		

### OPTIONS

Pressure Gauge (displays outlet pressure)  
 Optional NPT or Rc thread, ANSI150Lb, JIS10K or PN25 flange  
 Duplex 316 stainless steel  
 Other custom-made seal or pressures available upon request

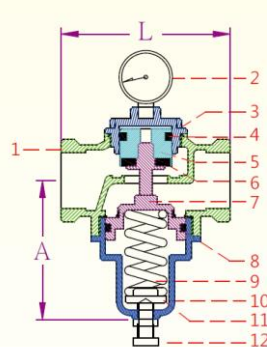
**Included**

### CONSTRUCTION

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

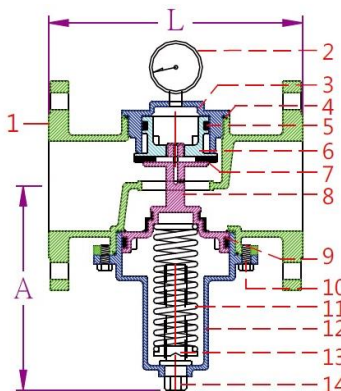
### OVERALL DIMENSIONS

No	Part	Material
1	Main Body	316 Stainless Steel
2	Pressure Gauge	Stainless Steel
3	Upper Cover	316 Stainless Steel
4	U Ring	NBR or Viton
5	Piston	316 Stainless Steel
6	Sealing Spacer	NBR or Viton
7	Shaft	316 Stainless Steel
8	UH Ring	NBR or Viton
9	Spring	Spring Steel
10	Lower Cover	316 Stainless Steel
11	Washer	Brass
12	Adjusting Stem	304 Stainless steel



Model	Port	L (mm)	A (mm)	Kg
RET15S	1/2	71	75	0.8
RET20S	3/4	86	75	1.0
RET25S	1	90	81	1.1
RET40S	1 1/2	115	115	2.2
RET50S	2	120	115	3.1

No	Part	Material
1	Main Body	316 Stainless Steel
2	Pressure Gauge	Stainless steel
3	Upper Cover	316 Stainless Steel
4	O Ring	NBR or Viton
5	U Ring	NBR or Viton
6	Piston	316 Stainless Steel
7	Sealing Spacer	NBR or Viton
8	Shaft	316 Stainless Steel
9	UH Ring	NBR or Viton
10	Bolt	304 Stainless Steel
11	Spring	Spring Steel
12	Lower Cover	316 Stainless Steel
13	Washer	Brass
14	Adjusting Stem	304 Stainless Steel



Model	Port	L (mm)	A (mm)	Kg
REF15S	DN15	150	75	2
REF20S	DN20	150	82	2.8
REF25S	DN25	150	82	3.5
REF32S	DN32	190	115	5.9
REF40S	DN40	190	115	5.9
REF50S	DN50	192	115	6.5
REF65S	DN65	210	185	11.5
REF80S	DN80	225	185	12
REF100S	DN100	250	230	19
REF150S	DN150	310	290	45