

Media: air – water  
 Pressure: Inlet 25 Bar max  
 Pressure: (1 - 5), (4 - 10) or (8 - 13) Bar  
 Media temperature: -15°C to +80°C max  
 Media viscosity: 40 centistokes max  
 Mounting: any position

# Pressure Reducing Valve

## 1/2 – 2" & DN15-DN150

### STAINLESS STEEL

### DIRECT ACTING

### (1 – 5), (4 – 10) or (8 – 13) Bar

### TYPE RET + REF



#### PRESSURE

Ø Port BSP	Flow Cv	Max Inlet (Bar)	Part Number	Outlet Adjustment Range Options	
				(1 – 5), (4 – 10) or (8 – 13) Bar	
1/2	2.5	25	RET15S + seal + pressure range		
3/4	4.0	25	RET20S + seal + pressure range		
1	6.5	25	RET25S + seal + pressure range		
1 1/2	13.0	25	RET40S + seal + pressure range		
2	17.0	25	RET50S + seal + pressure range		
<b>Ø Port PN16 Flange</b>					
DN15	2.5	25	REF15S + seal + pressure range		
DN20	4.0	25	REF20S + seal + pressure range		
DN25	6.5	25	REF25S + seal + pressure range		
DN32	13.0	25	REF32S + seal + pressure range		
DN40	13.0	25	REF40S + seal + pressure range		
DN50	17.0	25	REF50S + seal + pressure range		
DN65	30.0	25	REF65S + seal + pressure range		
DN80	42.0	25	REF80S + seal + pressure range		
DN100	75.0	25	REF100S + seal + pressure range		
DN150	170.0	25	REF150S + seal + pressure range		

#### OPTIONS

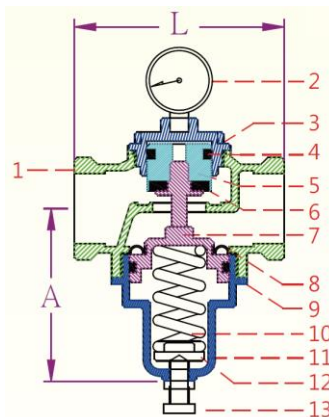
Pressure Gauge (displays outlet pressure)  
 Optional NPT or Rc thread or ANSI150Lb or JIS10K flange  
 Other custom made PTFE or other seal, media and pressure options available upon request

#### CONSTRUCTION

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

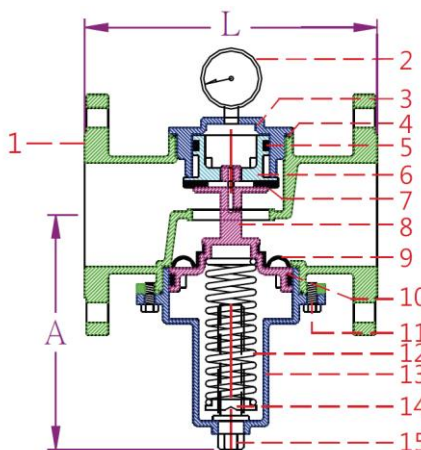
#### OVERALL DIMENSIONS

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	Diaphragm	NBR or Viton
9	UH Ring	NBR or Viton
10	Spring	Spring Steel
11	Lower Cover	316 Stainless Steel
12	Washer	Brass
13	Adjusting Stem	304 Stainless steel



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

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	Diaphragm	NBR or Viton
10	UH Ring	NBR or Viton
11	Bolt	304 Stainless Steel
12	Spring	Steel
13	Cover	316 Stainless Steel
14	Washer	Brass
15	Stem	304 Stainless Steel



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