

Media: air – water
 Pressure: Inlet Water 25 Bar, Air 20 Bar
 Pressure: (1.5 - 6), (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 – 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		
		Air	Water			
1/2	35.75	20	25	RET15S + seal + pressure range		
3/4	57.2	20	25	RET20S + seal + pressure range		
1	93	20	25	RET25S + seal + pressure range		
1 1/2	185.9	20	25	RET40S + seal + pressure range		
2	243.1	20	25	RET50S + seal + pressure range		
Ø Port PN16 Flange						
DN15	35.75	20	25	REF15S + seal + pressure range		
DN20	57.2	20	25	REF20S + seal + pressure range		
DN25	93	20	25	REF25S + seal + pressure range		
DN32	185.9	20	25	REF32S + seal + pressure range		
DN40	243.1	20	25	REF40S + seal + pressure range		
DN50	35.75	20	25	REF50S + seal + pressure range		
DN65	429	20	25	REF65S + seal + pressure range		
DN80	600.6	20	25	REF80S + seal + pressure range		
DN100	1072.5	20	25	REF100S + seal + pressure range		
DN150	2431	20	25	REF150S + seal + pressure range		

OPTIONS

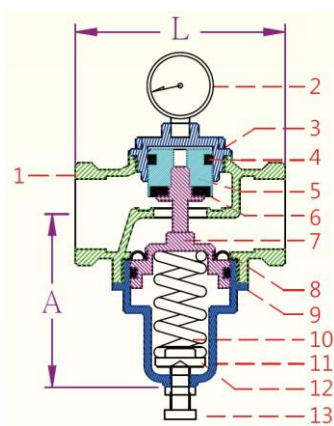
Pressure Gauge (displays outlet pressure)	Included
Optional NPT or Rc thread or ANSI150Lb or JIS10K flange	
Other custom-made PTFE, EPDM or other seal, media and pressure options available upon request	

CONSTRUCTION

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

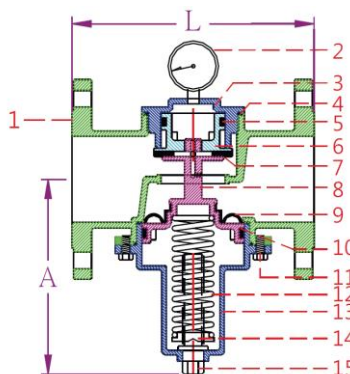
OVERALL DIMENSIONS

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)	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

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1	Main Body	316 Stainless Steel
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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)	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