

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 BSPT	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	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 BSPP (G) thread, ANSI150Lb, JIS10K or PN25 flange
 Duplex 316 stainless steel
 Other custom-made seal or pressures available upon request

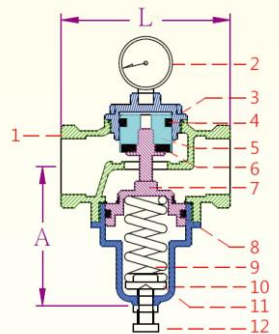
Included

CONSTRUCTION

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

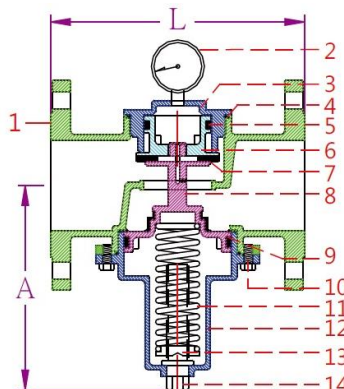
OVERALL DIMENSIONS

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