

Media: Air - Water – Oil – Gas - Fluid  
 Pressure: 25 Bar Max  
 Back Pressure: (1 - 5) or (4 – 10) Bar  
 Media temperature: +60°C max  
 Ambient temperature: +60°C max  
 Media viscosity: 40 centistokes max  
 Mounting: any position

# Pressure Sustaining Valve

## 1/2 – 2” + DN15-150

### STAINLESS STEEL

### DIRECT ACTING

### (1 – 5) or (4 – 10) Bar

### TYPE RFT RFF



#### PRESSURE

Ø Port BSPT	Flow Kv L/min	Max Inlet (Bar)	Part Number	
			Inlet Adjustment Range Options (1 – 5) or (4 – 10) Bar	
1/2	41.7	25	RFT15S + seal + pressure range	
3/4	66.7	25	RFT20S + seal + pressure range	
1	108.3	25	RFT25S + seal + pressure range	
1 1/2	216.7	25	RFT40S + seal + pressure range	
2	283.3	25	RFT50S + seal + pressure range	

#### Ø Port Flange PN16

DN15	41.7	25	RFF15S + seal + pressure range	
DN20	66.7	25	RFF20S + seal + pressure range	
DN25	108.3	25	RFF25S + seal + pressure range	
DN32	216.7	25	RFF32S + seal + pressure range	
DN40	216.7	25	RFF40S + seal + pressure range	
DN50	283.3	25	RFF50S + seal + pressure range	
DN65	500	25	RFF65S + seal + pressure range	
DN80	700	25	RFF80S + seal + pressure range	
DN100	1250	25	RFF100S + seal + pressure range	
DN150	2833.3	25	RFF150S + seal + pressure range	

#### OPTIONS

Pressure Gauge (Shows the sustained back pressure)  
 Other thread options NPT & BSPP (G) or flange ANSI150Lb, JIS10K or PN25  
 Duplex 316 stainless steel  
 Other custom made seal and pressure options available upon request

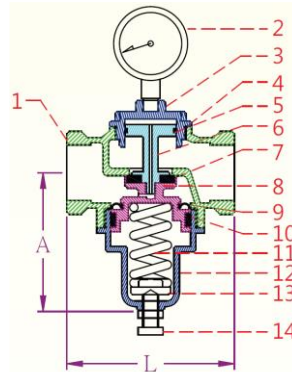
Included

#### CONSTRUCTION

Test Pressure 35 Bar

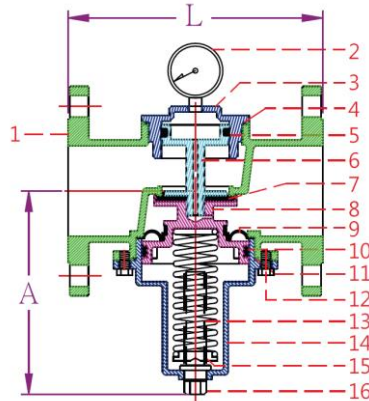
#### OVERALL DIMENSIONS

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



Model	Port	L (mm)	A (mm)	Kg
RFT15S	1/2	71	75	0.8
RFT20S	3/4	86	75	1.0
RFT25S	1	90	81	1.1
RFT40S	1 1/2	115	115	2.2
RFT50S	2	120	115	3.1

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



Model	Port	L (mm)	A (mm)	Kg
RFF15S	DN15	150	75	2
RFF20S	DN20	150	82	2.8
RFF25S	DN25	150	82	3.5
RFF40S	DN40	190	115	5.9
RFF50S	DN50	192	115	6.5
RFF65S	DN65	210	185	11.5
RFF80S	DN80	225	185	12
RFF100S	DN100	250	230	19
RFF150S	DN150	310	290	45