

Media: Air - Water - Oil
 Pressure: 25 Bar Max
 Back Pressure: (1 - 5) or (4 - 10) Bar
 Media temperature: +80°C max
 Ambient temperature: +80°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 BSP	Flow Cv M³/Hr ΔP 1 Bar	Max Inlet (Bar)	Part Number	
			Outlet Adjustment Range Options (1 – 5) or (4 – 10) Bar	
1/2	2.5	25	RFT15S + seal + pressure range	
3/4	4.0	25	RFT20S + seal + pressure range	
1	6.5	25	RFT25S + seal + pressure range	
1 1/2	13.0	25	RFT40S + seal + pressure range	
2	17.0	25	RFT50S + seal + pressure range	

Ø Port Flange PN16

DN15	2.5	25	RFF15S + seal + pressure range	
DN20	4.0	25	RFF20S + seal + pressure range	
DN25	6.5	25	RFF25S + seal + pressure range	
DN32	13.0	25	RFF32S + seal + pressure range	
DN40	13.0	25	RFF40S + seal + pressure range	
DN50	17.0	25	RFF50S + seal + pressure range	
DN65	30.0	25	RFF65S + seal + pressure range	
DN80	42.0	25	RFF80S + seal + pressure range	
DN100	75.0	25	RFF100S + seal + pressure range	
DN150	170.0	25	RFF150S + seal + pressure range	

OPTIONS

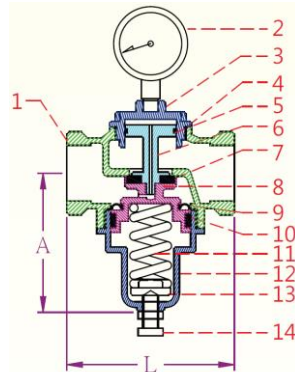
Pressure Gauge (Shows the sustained back pressure)
 Other thread options NPT & Rc or flange ANSI150Lb or JIS10K
 Other custom made options and pressure ranges available upon request

CONSTRUCTION

Test Pressure 35 Bar

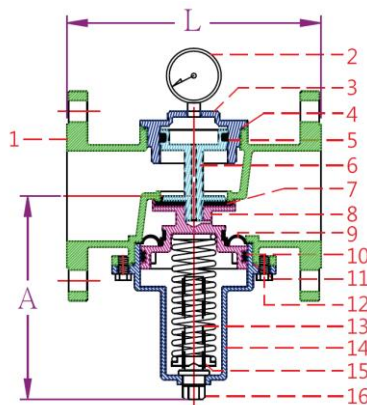
OVERALL DIMENSIONS

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)
RFT15S	1/2	71	75
RFT20S	3/4	86	75
RFT25S	1	90	81
RFT40S	1 1/2	115	115
RFT50S	2	120	115

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)
RFF15S	DN15	150	75
RFF20S	DN20	150	82
RFF25S	DN25	150	82
RFF40S	DN40	190	115
RFF50S	DN50	192	115
RFF65S	DN65	210	185
RFF80S	DN80	225	185
RFF100S	DN100	250	230
RFF150S	DN150	310	290