

Media: air – water
 Pressure: Inlet 12 Bar max
 Pressure: Outlet 2 to 9 Bar max
 Media temperature: -15°C to +60°C max
 Media viscosity: 40 centistokes max
 Mounting: any position

Pressure Reducing Valve

1/2 – 2 1/2

Bronze + Stainless

2 WAY DIRECT ACTING

(2 - 5) or (4 – 9) Bar

RDTB & RDTS



PRESSURE

Ø Port BSPT	Flow	Pressure Range (Bar) ΔP Inlet 12 Bar Max	Body Material	Seal	Part Number
	Cv m³/Hr				
1/2	2.5	Outlet Adjustment Range Options (2 – 5 Bar) (4 – 9 Bar)	Bronze	NBR	RDT15B + Pressure Range
3/4	4				RDT20B + Pressure Range
1	6.5				RDT25B + Pressure Range
1 1/4	10				RDT32B + Pressure Range
1 1/2	13				RDT40B + Pressure Range
2	17				RDT50B + Pressure Range
2 1/2	28				RDT65B + Pressure Range
1/2	2.5	Outlet Adjustment Range Options (2 – 5 Bar) (4 – 9 Bar)	Stainless Steel 304	NBR	RDT15S + Pressure Range
3/4	4				RDT20S + Pressure Range
1	6.5				RDT25S + Pressure Range
1 1/4	10				RDT32S + Pressure Range
1 1/2	13				RDT40S + Pressure Range
2	17				RDT50S + Pressure Range

OPTIONS

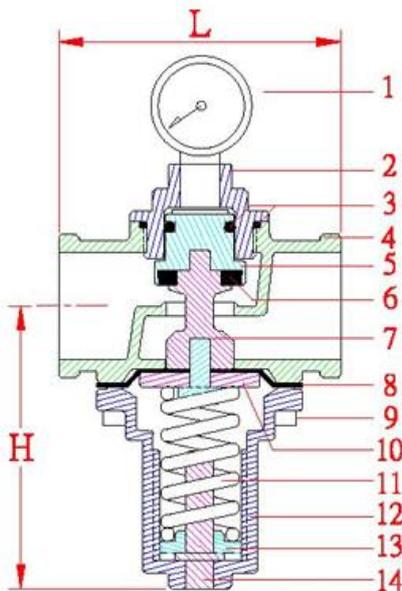
Pressure Gauge
 Seals: Bronze & stainless-steel models NBR (option EPDM or Viton)
 Other custom made options and pressure ranges available upon request

Included

CONSTRUCTION

See below
 Test Pressure: 21 Bar
 Direct Acting Pressure Reducing Valve Bronze or Stainless Steel can be used for fluid, air or water. Pressure reducing valve gate utilises a balance pressure system maintains stable outlet pressure regardless of inlet pressure changes. The combination of diaphragm and piston allows the valve to respond quickly and accurately whilst minimising leakage and maintaining accurate outlet pressures.

OVERALL DIMENSIONS



No	Part	Material	
		RDTB Bronze	RDTS Stainless
1	Gauge	Steel	Stainless steel
2	Upper cover	Bronze	Stainless steel
3	O Ring	NBR	NBR
4	Body	Bronze	Stainless steel
5	Piston	Bronze	Stainless steel
6	Sealing	NBR	NBR
7	Shaft	Stainless steel	Stainless steel
8	Diaphragm	NBR	NBR
9	Fixed bolt	304 stainless	Stainless steel
10	Diaphragm washer	Electroplated iron	
11	Spring	Spring steel	
12	Spring cover	Polyamide 66	
13	Spring washer	Brass	Stainless steel
14	Adjusting bolt	Brass	Stainless steel

Model	Port	H (mm)	L (mm)
RDT15	1/2	70	60
RDT20	3/4	70	70
RDT25	1	80	80
RDT32	1 1/4	85	90
RDT40	1 1/2	110	110
RDT50	2	115	115

