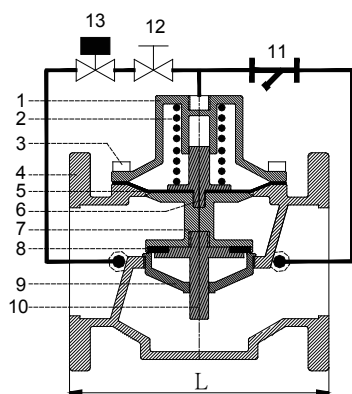


DIAPHRAGM TYPE PRESSURE REDUCING VALVE



Pressure reducing valve can prevent pipeline breakage due to high pressure. Pressure reducing valve can be installed in water supply pipeline and maintains the setting pressure in main valve outlet, regardless of the difference in the inlet pressure.

Pressure reducing valve can be installed in water supply, air conditioning and fire control Systems to maintain the setting pressure in outlet.



1. Applied conditions: Fluid
2. Applied temperature: $-15^{\circ} \sim 80^{\circ}\text{C}$
3. Connection ends: Available for all international standards

► Pressure Adjusting Range : 1 ~ 7 bar
4 ~ 12 bar

Test Pressure

Ductile Iron	Bronze	Stainless Steel
25bar	21bar	35bar

Working Pressure

Ductile Iron	Bronze	Stainless Steel
16bar	12bar	22bar

NO	Item Name	Materials		
1	Cover	Ductile Iron	Bronze	Stainless Steel
2	Spring	Stainless Steel	Stainless Steel	Stainless Steel
3	Fixed Bolt	Stainless Steel	Stainless Steel	Stainless Steel
4	Main Body	Ductile Iron	Bronze	Stainless Steel
5	Diaphragm	NBR	NBR	NBR/Viton
6	Diaphragm Fixed Bar	Bronze	Bronze	Stainless Steel
7	Shaft	Ductile Iron	Bronze	Stainless Steel
8	Sealing Spacer	NBR	NBR	NBR/Viton
9	Seat	Bronze	Bronze	Stainless Steel
10	Center Shaft	Bronze	Bronze	Stainless Steel
11	Strainer	Bronze	Stainless Steel	Stainless Steel
12	Stop Valve	Bronze	Bronze	Stainless Steel
13	Pilot Reducing Valve	Bronze	Bronze	Stainless Steel

*No.11&12 are optional components

Thread End

Item No	Size	L
DTR-40	1.5"	150
DTR-50	2"	170

Flange End

Item No	Size	L
DFR-50	2"	190
DFR-65	2.5"	210
DFR-80	3"	225
DFR-100	4"	250
DFR-125	5"	280
DFR-150	6"	310
DFR-200	8"	420
DFR-250	10"	530
DFR-300	12"	650

Flow Chart of PRV (Diaphragm Type)

