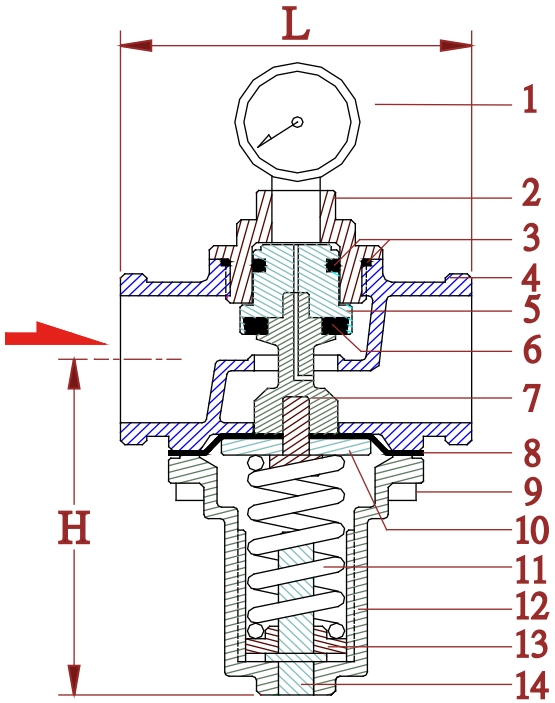
Z-TIDE Valves

DIRECT-ACTIVATED PRESSURE REDUCING VALVE
(Titanium - Offshore)

- Valve Body is made by Titanium, suitable for chemical, oil & gas, sea water, drink water, food, air...etc.
- The gate is balanced-pressure designed, which will not influence the outlet pressure caused by unstable inlet pressure.
- When the outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, it responds quickly and adjusts the pressure accurately.
- Design of piston and diaphragm improves the inability of sustaining pressure and leakage.



- Body Testing Pressure : 24 kgf/cm^2
- Max Applied Pressure : 16 kgf/cm^2
- Adjusting Range : 1 ~ 6 kgf/cm^2
  4 ~ 10 kgf/cm^2
- Applied Temperature : -15 ~ 100 c°

No	Part Name	Material
1	Pressure Gauge	Stainless Steel
2	Upper Cover	Titanium
3	U-Ring	Viton(Teflon Coating)
4	Main Body	Titanium
5	Piston	Titanium
6	Sealing Spacer	Viton / Teflon
7	Shaft	Titanium
8	Diaphragm	CR Rubber(Teflon Coating)
9	Fixed Bolt	Titanium
10	Washer	Stainless Steel 304
11	Spring	Spring Steel
12	Spring Cover	Titanium/SS316
13	Washer	Stainless Steel 304
14	Adjusting Stem	Stainless Steel 304

(Thread End)

Item No	Size	H(mm)	L(mm)	Weight(kg)	CV
RDT-15	1/2"	70	60	0.32	2
RDT-20	3/4"	70	70	0.40	4
RDT-25	1"	80	80	0.64	6
RDT-32	1.25"	85	90	1.20	10
RDT-40	1.5"	110	110	2.00	13
RDT-50	2"	115	115	2.40	17