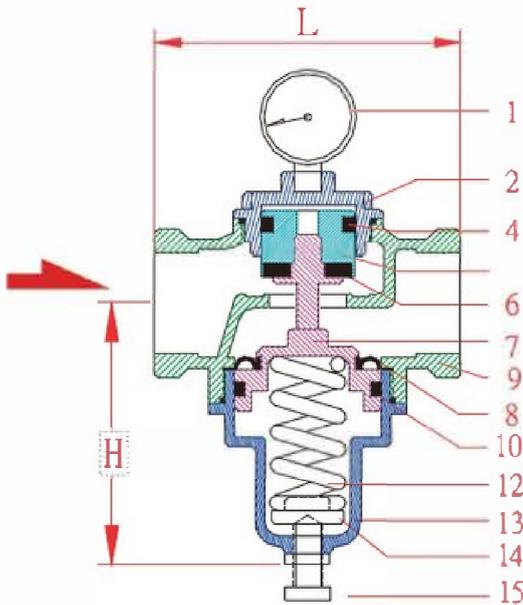


DIRECT-ACTIVATED PRESSURE REDUCING VALVE (WITH GAUGE)



No	Part Name	Material
1	Pressure Gauge	Stainless Steel
2	Upper Cover	Stainless Steel 316
3	O-ring	NBR/Viton/Teflon
4	U-ring	NBR/Viton
5	Piston	Stainless Steel 316
6	Sealing Spacer	NBR/Viton/Teflon
7	Shaft	Stainless Steel 316
8	Diaphragm	NBR/Viton
9	Main Body	Stainless Steel 316
10	UH-ring	NBR/Viton
11	Fixed Bolt	Stainless Steel 304
12	Spring	Spring Steel
13	Lower Cover	Stainless Steel 316
14	Washer	Brass
15	Adjusting System	Stainless Steel 304



Item No	Size (mm)	H (mm)	L (mm)	Weight (kg)	CV
155273	15	75	71	0.9	2.4
155274	20	75	86	1.3	4.0
155275	25	81	90	1.6	6.5
155276	40	115	115	2.9	13.0
155277	50	115	120	3.0	17.0

Size (mm)	Approximate Pressure Loss
15	CV 2.4 - 0.19 bar at 15 l/min, 1.34 bar at 40 l/min
20	CV 4.0 - 0.27 bar at 30 l/min, 1.1 bar at 60 l/min
25	CV 6.5 - 0.40 bar at 60 l/min, 1.14 bar at 100 l/min
40	CV 13 - 0.18 bar at 80 l/min, 0.64 bar at 150 l/min
50	CV 14 - 0.25 bar at 100 l/min, 1.53 bar at 250 l/min

- Stainless Steel 316 Valve body - suitable for fluids, air & steam
- The gate is balanced pressure designed, which will not influence the outlet pressure caused by unstable inlet pressure.
- The pressure that is needed from a fully-closed gate to a fully-opened gate is 1.5 bar/cm²
- The outlet pressure responds directly to the pressure control chamber and adjusts the setting pressure, allowing a quick response and adjusting the pressure accurately.
- The special design of diaphragm and piston means smooth pressure regulation and effective seal under no-flow conditions
- Comes with standard spring which has got a pressure range from 1-6bar. Higher pressure spring can be provided as an accessory which is 4-10bar pressure.