

# PRESSURE REDUCING VALVE ELITE SS

## GENERAL FEATURES

The PRV valve Elite in stainless steel is dedicated to the function of pressure reduction for fluids like water, air, clear liquids and gases. The construction of the valve is full stainless steel with diaphragm and gasket in FPM. The downstream pressure setting is made with the crew. The pressure gauge shows the downstream pressure. This valve is a one-way valve and must be used in the way showed by the arrow on the body. The PRV Elite valve must be used only on clear fluid without any solid particle. A Y strainer has to be installed upstream before the PRV valve.

## AVAILABLE MODELS

PRV stainless steel screwed connections G 1/2" to 2"  
 PRV stainless steel flanged connections DN15 to DN100  
 Downstream pressure ranges : 1-6 bar, 4-10 bar, 8-13 bar

## CE 97/23 CLASSIFICATION

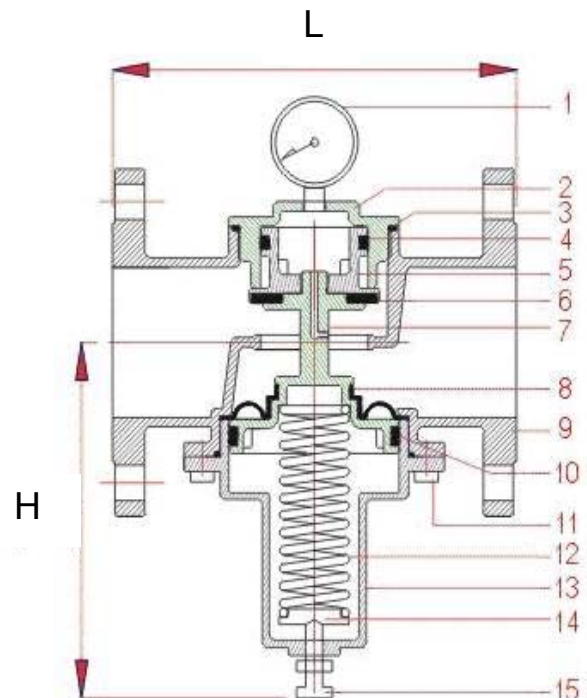
A3 § 3 – Use forbidden on dangerous gas of cat. I

## LIMITS OF USE

PS : 16 bar / TS : -15°C +100°C  
 ΔP mini = 1 bar / max = 13 bar

## CONSTRUCTION

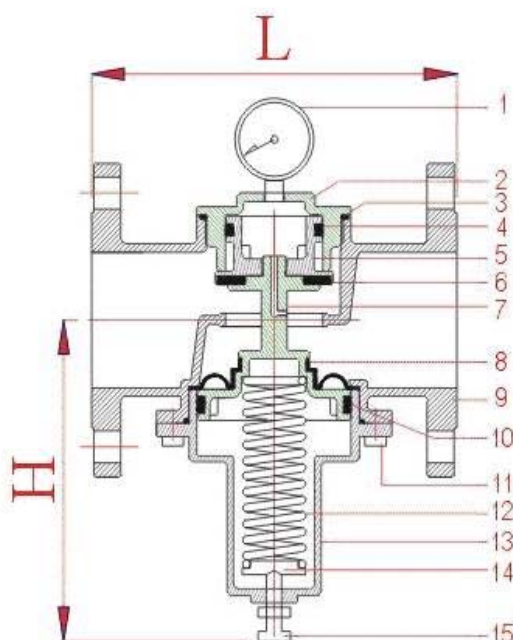
1	Pressure gauge	Full stainless steel - 1/8 "
2	Cap	SS 316
3	Gasket	FPM
4	O-ring	FPM
5	Piston	SS 316
6	Disc	SS 316 / FPM
7	Stem	SS 316
8	Diaphragm	FPM
9	Body	SS 316
10	O-ring	FPM
11	Screw	SS 304
12	Spring	Carbon steel
13	Spring box	SS 316
14	Washer	Brass
15	Screw	SS 304



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## DIMENSIONS

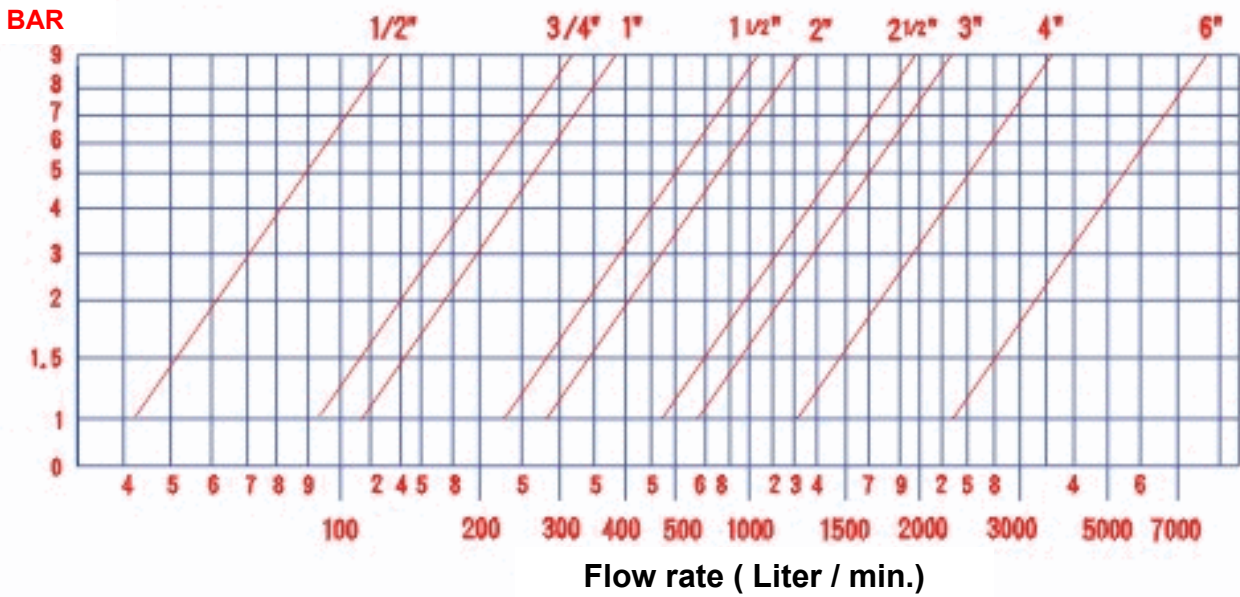
SIZE	H (mm)	L (mm)	Kv (m3/h)
1/2"	85	70	2.05
3/4"	105	85	7.69
1"	105	90	9.40
1"1/2	130	115	17.95
2"	130	120	21.37
FLANGE VERSION			
15	85	150	2.05
20	105	150	7.69
25	105	150	9.4
40	130	190	17.95
50	185	190	21.37
65	185	210	64.10
80	230	225	68.38
100	230	250	102.56



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## FLOW RATES : SIZING CHART FOR WATER

Downstream pressure



## FLOW RATE / SIZING CHART FOR AIR

