



### **TECHNICAL DATA**

• Size : DN50-DN250

• Maximum working pressure : 16 bar (25 bar on request)

• Maximum working temperature: +80°C

• Flanged : EN 1092-2

 Adjustment range of pilot: Standard: 0.9-12 bar

On request: 0.1-5 bar, 7-17 bar

# **APPLICATION**

- Fluid: water.
- Pressure Reducing Valve automatically reduces high inlet pressure to safe and stable outlet pressure is required. It is easy to install and adjustable outlet pressure.

Painting: epoxy power coating.

## MATERIAL

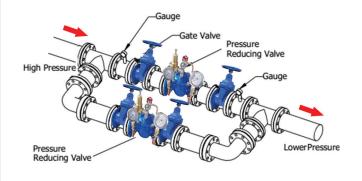
Parts name	Materials	
Body	Ductile iron	
Bonnet	Ductile iron	
Stem	Stainless steel	
Spring	Stainless steel	
Diaphragm	NBR	
Disc	Cast iron	
Tube	Brass	
Ball valve	Brass	
Pressure reducing valve	Brass	
Needle valve	Copper	

### **DIMENSIONS**

Size		L	D	D1	n-d
DN	Inch			וט	n-a
50	2	203	165	125	4-19
65	2-1/2	216	185	145	4-19
80	3	241	200	160	8-19
100	4	292	220	180	8-19
125	5	330	250	210	8-19
150	6	356	285	240	8-23
200	8	458	340	295	12-23
250	10	530	405	355	12-28

### **INSTALLATION**

Pressure Reducing Valve sets outlet pressure by adjusting the control pilot valve. When outlet pressure is lower the set pressure, the pilot system open valve seat, flow and outlet pressure increase. When outlet pressure is higher the set pressure, the opening of valve seat decreases, flow and outlet pressure reduce. Valve keeps outlet pressure is stability in set pressure range.



Subject to change without prior notice.