



TECHNICAL DATA

- Size : DN50-DN250
- Maximum working pressure : 25 bar
- Maximum working temperature: +80°C
- Flanged : EN 1092-2
- Adjustment range of pilot: 3.5-13.5 bar (other on request)

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				
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	235	190	8-23
125	5	330	270	220	8-28
150	6	356	300	250	8-28
200	8	495	360	310	12-28
250	10	622	425	370	12-31

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.

