



### 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: 1.4-12 bar
  - On request: 0.1-5 bar, 7-17 bar

### APPLICATION

- Fluid: water.
- Pressure Relief Valve is a hydraulically operated by pilot-controlled to maintain constant upstream pressure. The valve is actuated by line pressure through a pilot control system, opening fast to maintain steady line pressure and closing gradually to prevent surges. Valve operates automatically and pressure setting can easily change. 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 relief valve	Brass

### DIMENSIONS

Size		L	D	D1	n-d
DN	Inch				
50	2	202	165	125	4-19
65	2-1/2	215	185	145	4-19
80	3	240	200	160	8-19
100	4	290	220	180	8-19
125	5	330	250	210	8-19
150	6	355	285	240	8-23
200	8	458	340	295	12-23
250	10	530	405	355	12-28

### INSTALLATION

Pressure Relief Valve protects the system against high pressure surges suddenly when pumps are shut down, fast opening. The relief valve closes slow to dissipates the excess pressure.

