



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.

