



TECHNICAL DATA

- Size : DN50-DN250
- Maximum working pressure : 25 bar
- Maximum working temperature: +80°C
- Flanged : EN 1092-2
- Adjustment range of pilot:
5 - 14 bar (other on request)

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	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 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.

