



TECHNICAL DATA

- Type: pressure relief hydraulic diaphragm valve.
- Size: DN50 – DN300
- Pressure working: 2 - 16 bar
- Maximum working temperature: +60°C
- Accuracy ratio: set pressure ± 0.5 bar
- Flanged: drilled according to EN 1092-2
- Painting: blue epoxy power coating.
- Assembly: Metallic or plastic pilot.

APPLICATION

- Fluid: water
- The relief valve is designed to open in case of exceeding a preset maximum pressure.

OPERATION

- The pressure relief pilot valve sets the maximum tare pressure limit by means of a regulating screw.
- If the upstream pressure exceeds the set pressure, the piston moves upwards, bringing the valve chamber into communication with the atmospheric pressure. In this way the valve opens to reduce the excess pressure.

MATERIAL

No.	Parts	Material
1	Body	Cast iron
2	Quick relief pilot	Brass
3	Spiral needle	Copper alloy
4	Pressure gauge	Stainless steel
5	Filter	Stainless steel
6	Membrane	Natural rubber

DIMENSIONS

DN		L	D	H	Nxd
mm	inch				
50	2"	189	82	166	4x19
65	2 1/2"	202	93	186	4x19
80	3"	250	100	201	8x19
100	4"	311	110	222	8x19
125	5"	335	125	250	8x19
150	6"	410	145	290	8x23
200	8"	465	170	340	12x23
250	10"	650	230	460	12x28
300	12"	650	230	460	12x28

PRESSURE LOSS CURVE

