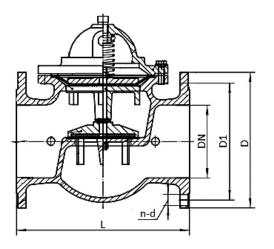


# MODEL: TPR - 605F PRESSURE RELIEF VALVE



### 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

### 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	

### 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.

### DIMENSIONS

Size				D1	
DN	Inch	L	D	D1	n-d
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.

