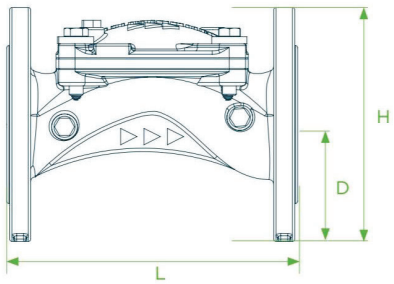
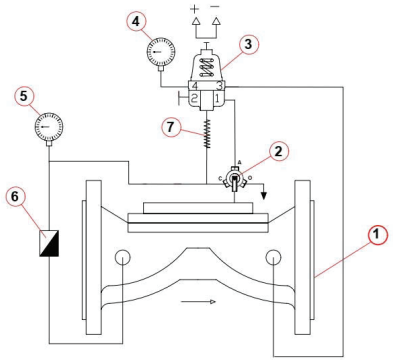
TLSH
Technical Leader System Hydraulic - France

MODEL: TPR– 602FS
PRESSURE REDUCING VALVE





TECHNICAL DATA

- Type: Pressure reducing valve.
- Size: DN50 – DN300
- Maximum working pressure: 16 bar
- Maximum working temperature: +60°C
- Pilot spring range: inlet pressure x 1/3
- Precision ratio: set pressure ±0,5 bar
- Flanged: drilled according to EN 1092-2/ DIN 2544
- Painting: blue epoxy power coating.

APPLICATION

- Fluid: water
- Recommended for locations where pressure reduction is required for the following reasons for the following reasons:
  To adjust pressure to consumption.
  To protect installations.

OPERATION

The pilot sets the downstream pressure regardless the inlet pressure. If the outlet pressure is less than the preset pressure, the valve is completely open. If the upstream pressure is less than the calibrated, the pilot will open the valve, it will act just when the pressure exceeds the set pressure.

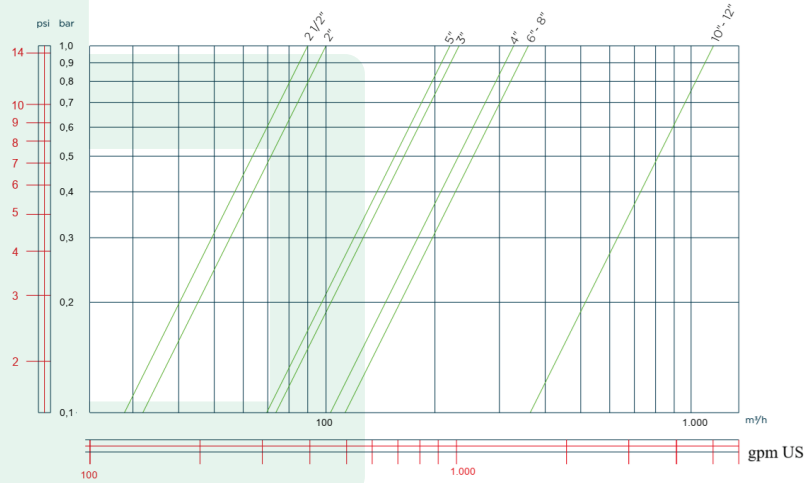
MATERIAL

No.	Parts	Material
1	Valve body	Ductile iron
2	3-way valve	Brass
3	2- way Reducing pilot valve	Ductile iron
4	Inlet pressure gauge	Stainless steel
5	Outlet pressure gauge	Stainless steel
6	Filter	Brass
7	Spiral	Stainless steel

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



Subject to change without prior notice.