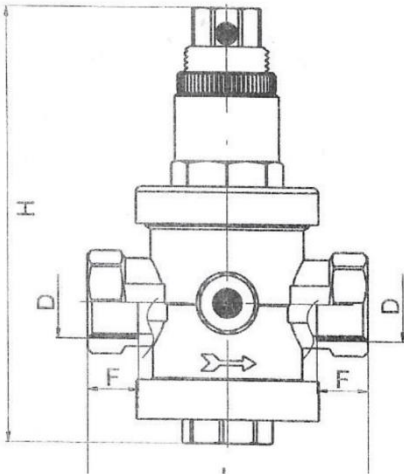


Pressure Reducing Valve



Technical Parameters:

Compensated piston operation

Female/female threads.

Minimum and maximum working temperatures : 0°C-80°C

Maximum inlet pressure: 16 bar

Outlet pressure can be adjusted between 1 and 6 bar

Factory preadjustment 3 bar

Threads ISO228

Size : ½"-2"

Size	L	D	H	F
½"	77	G1/2	114	14
¾"	77	G3/4	114	14
1"	90	G1	146	16
1-1/4"	116	G1-1/4	170	20
1-1/2"	120	G1-1/2	177	20
2"	145	G2	195	28

Product features:

Pressure reducing valve is a device which reduces and stabilizes the upstream pressure to an adjusted downstream pressure. When the entering pressure from the public mains is too high and variable, pressure reducing valve stabilizes the downstream pressure to the adjusted one. Possible variations of the upstream pressure do not influence the adjusted downstream pressure. This range of pressure reducing valves allows the operator to adjust the downstream pressure to a set figure. Pressure drop diagram includes the loss of pressure proportional to a specific flow rate. According to the request flow rate, it is possible to measure the water system and the pressure reducing valve correctly(it would be better to have a flow speed)

Instance:

In case of ½" pressure reducing valve with an adjusted downstream pressure of 3 bar and a flow rate of 10L/min, the pressure drop diagram states a loss of pressure of 0.49 bar. It means that the pressure gauge installed on the outlet way of pressure reducing valve shows a figure of 2.51bar.

