



technische import

Produkt informatie



FRATELLI PETTINAROLI SPA

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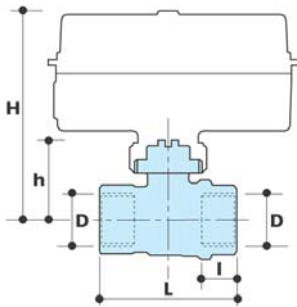
DESCRIPTION

50Z

F x F 2-way area ballvalve

According to EN 13828

DIMENSIONS



D	1/2"	3/4"	1"
H	106	106	110
h	41	41	45
L	70	70	87
I	17.5	17.5	21.5
g	470	470	680

All threads are in accordance with ISO 7/1 or ISO 228

MATERIALS



Body CuZn40Pb2 Cw617N (DIN 50930 part.6)

Ball CuZn40Pb2 Cw617N (DIN 50930 part.6)
Diamond polished and chrome plated.

Spindle CuZn39Pb3 Cw614N (DIN 50930 part.6)

Seats PTFE – EPDM

O-rings NBR

TAIL VARIANTS

50Z F X F
50Z/2 Flat sealing union attachment



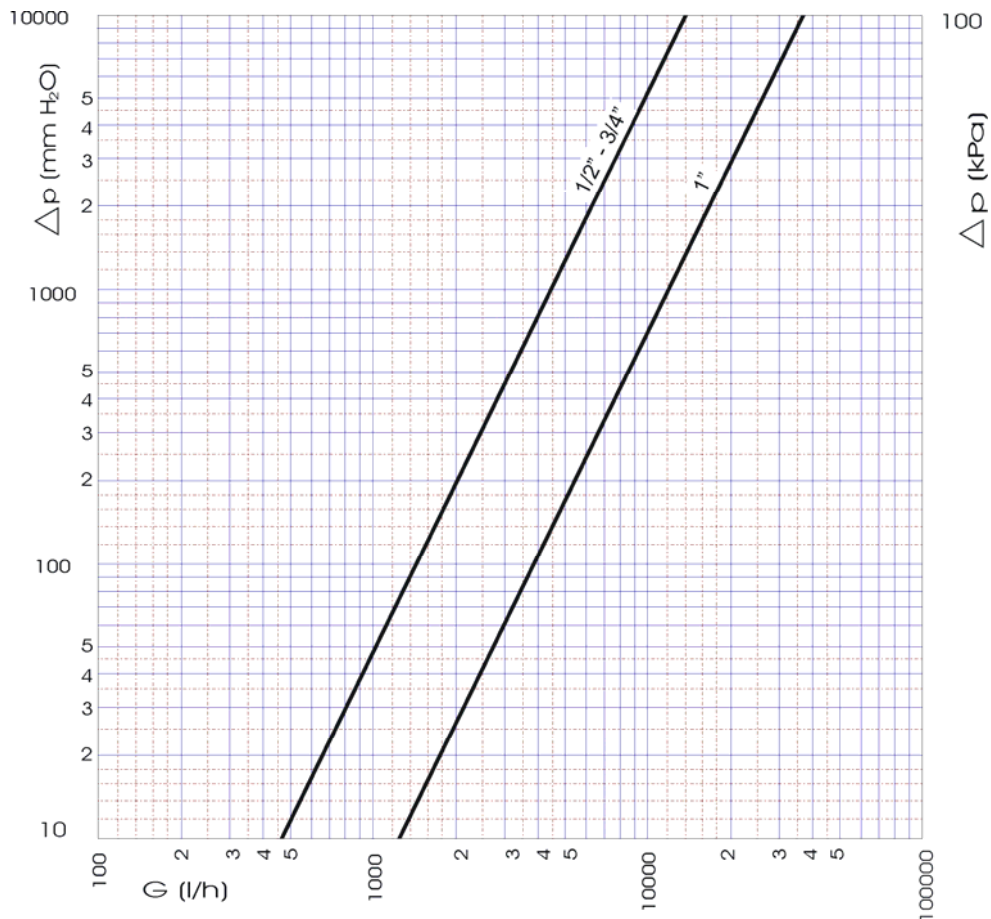
Features of valves art. 50Z - 50Z/2 - 50BZ

- nominal operating pressure: 10 bar
- test pressure: 15 bar
- maximum differential operating pressure: 10 bar
- fluid temperature field: from 0 to 110°C
- resistance to wear in accordance with standard UNI 8156

APPROVALS



PRESSURE DROP DIAGRAM



Dim.	1/2"	3/4"	1"
Kv	14	14	37



These are suitable for domestic and industrial use, and in particular for area heating systems. They permit production of autonomous modern systems with metering of the heat, which combine the possibility of autonomous management with the advantages of high performance and lower maintenance provided by centralised systems. The new Pettinaroli 2 or 3-way ball valves have features which are unique. The retention seats on the ball are designed to eliminate the disadvantages typical of this type of valve, i.e. increase of the manoeuvring torque after a long period of inactivity, combined with high differential pressure, which have an adverse effect on the functioning and service life of the valve and the electrical actuator. The Pettinaroli 3-way area valve is provided with a double chamber ball which permits by-pass of the fluid when the electric actuator closes it, and a T-shaped by-pass which can be regulated by means of a 6 mm allen key, for example. The gap between the valve body and the by-pass connection can be regulate:

- for dimensions of 1/2" and 3/4", from 48 a 55 mm;
- for dimension 1", from 58 to 65 mm.

The two parts are joined by a suitable profiled rubber seal which is locked by a cap. On the 3-way area valves, before the electric actuator is assembled, it must be ensured that the position of the ball is accurate, by observing the end of the control rod. As well as being used for manoeuvring, the central bore indicates the direction of the main flow. The lateral bore indicates the by-pass position.

RECOMMENDED WORKING TEMPERATURE/ PRESSURE LIMIT

10 bar - 110°C - non shock