

Pipe union ball valves with thermometer

Art. 5136k – 5137k



100% MADE IN ITALY 

Function Ball valves for water Pintossi + C are bi-directional, with the possibility to handle the flow in both directions. The opening and close angle is 90°.

The valves can be used in plumbing, heating or air conditioning systems and non-dangerous aero forms, liquid hydrocarbon and pneumatic systems. Unsuitable to be use with steam.

Ball valves must be used in totally open or close position, to avoid seats damages. It's important to plan regular checks to make sure that the valves are in good conditions.

On both sides of the valves are positioned thermometer holders, to install the thermometer on the preferred position, depending on the installation.

The sealing is guaranteed by **PTM system** (Pintossi soft sealing), which allow a quick and safe installation, without the use of additional sealing materials, like hemp or PTFE ribbon. The swivel ring allows to move the valve in the preferred position. Valves are supplied from the factory in open position.

Nickel plated finishing. Available with red or blue butterfly handle.

Product range

Art. 5136k	1"	Kit with 2 straight ball valves with red and blue butterfly
Art. 5137k	1"	Kit with 2 angle ball valves with red and blue butterfly

Technical specifications

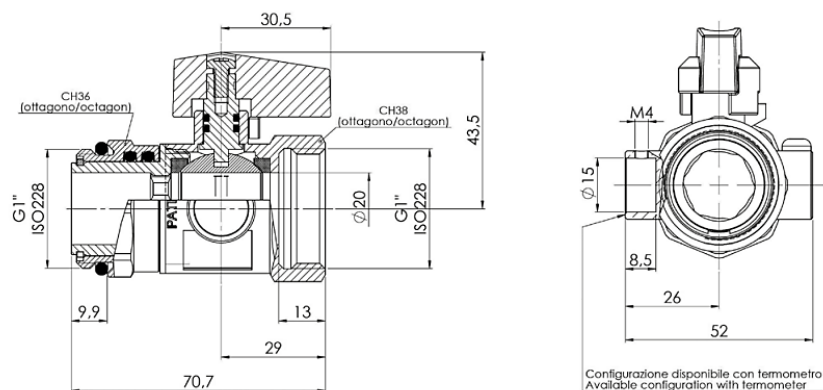
Fluids:	Water or glycol solutions
Glicole max.:	30%
Max working temp.:	120°C without steam
Thermometer range:	0-80°C / 32-178°F
Threads:	ISO 228/1

Materials

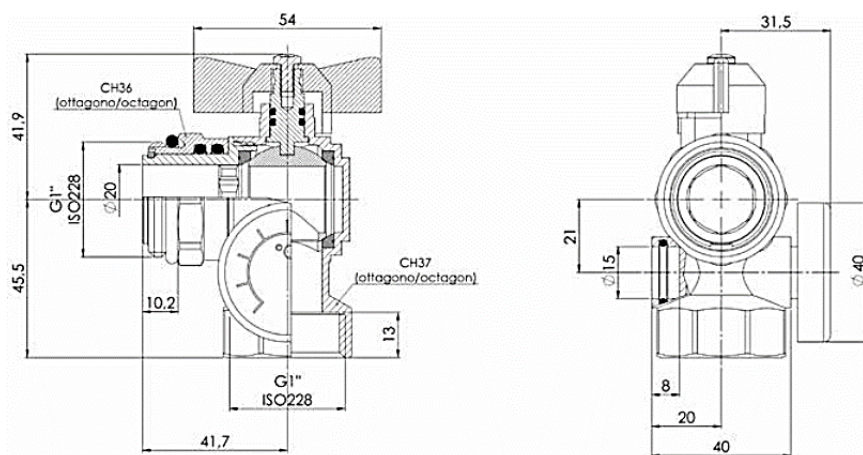
Body:	Brass CW617N
Stem:	Brass CW614N
Stem gaskets:	Epdm
Seats:	PTFE
Lever:	Aluminium

Dimensions

STRAIGHT VERSION



ANGLE VERSION



Fluid characteristics

Reference standard for water treatments in heating systems is Norm UNI 8065:2019 which regulates the parameters that must be observed to avoid scale and corrosion phenomena.

In order to grant product warranty, the fluid characteristics must comply with the rules in force in the country of relevance or at least present features not less to the ones prescribed by the Norm UNI 8065:2019.

In particular, minimum standards necessary but not sufficient to control are the following:

Fluid aspect: Limpid

PH: Between 7 and 8

Iron (FE): < 0,5 mg/kg (< 0,1 mg/kg for steam)

Copper (CU): < 0,1 mg/kg (< 0,05 mg/kg for steam)

Antifreeze: Passivated Propylene Glycol

Conditioning: as indicated by the producer

In any case when using antifreeze and conditioning solutions, is required to control and verify the correct compatibility between these substances and the construction materials stated in Pintossi+C technical datasheet.