DATA SHEET

FLAT COPPER FLOAT

DESCRITION

This product has as main objective the proportional cut of the fluid as a function of the level of filling of the tank or cistern where it is installed. To do this, it must always be correctly connected to a float valve.

APPLICATIONS

The most common applications are: plumbing in general, water reservoirs for irrigation, tanks, cisterns, fire installations, sanitary water, and similar applications. For any application other than those indicated, please ask our technical department.

INSTALLATION

There are different types of float threads and float valves on the market that are supplied by other manufacturers. Therefore, check before that the connecting thread of the float is of the same pitch, diameter and characteristics as the thread of the tickler of the float valve to which it must be coupled. Ensure that the connection between the two is correct.

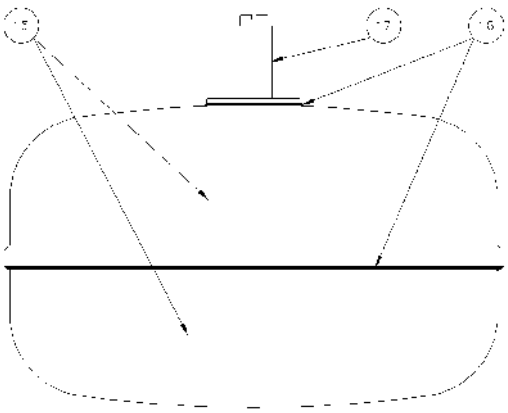
For a correct working, water or fluids must be free of lime and solid particles.

Take the necessary precautions to prevent the float from hammering and prevent the formation of waves inside the tank or cistern.

The maximum pressures indicated in the table on the next page are theoretical and orientative and are calculated on the basis of a constant pressure. It is recommended to work always below 70% of the indicated maximum pressure.

Also, it is recommended that a pressure regulating valve be inserted upstream of the float, ensuring that it always works at a stable and concrete pressure, which is absent from water hammer. It is also advisable to install a filter at the inlet of the pressure regulating valve.

The tank or cistern where the float is installed must have an overflow to prevent flooding in case of any occurrence.



Nº	COMPONENT	MATERIAL	QUANTITY
17	Spout connector	Brass	1
16	Welding	Tin	2
15	Float (semi sphere)	Annealed copper	2

Annealed copper DHP according to UNE-EN 1652 with hardness 50-60 Hv.

The manufacturing process of the semi sphere of th float is cold drawing process.

Maximum working temperature: 130ºC.

In order to extend the useful life of the float assembly, it is recommended that the constant working temperature be below 50ºC

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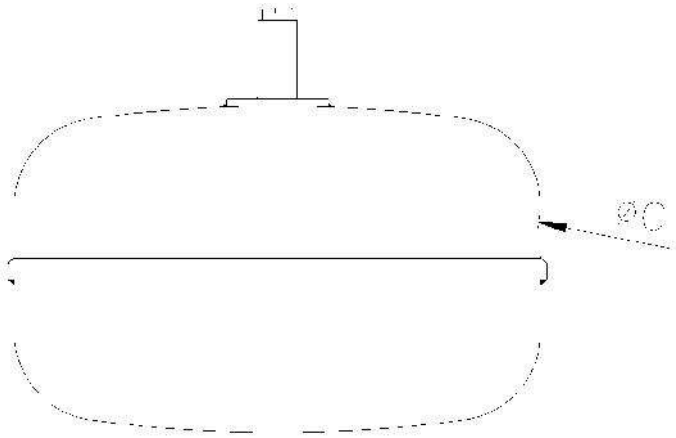
Reference	Ø Float ØC	Maximum pressure
5700841000	Ø120	11,48 bar
5700841500	Ø150	11,67 bar
5700842000	Ø170	13,49 bar
5700842500	Ø200	13,26 bar
5700843000	Ø230	10,21 bar
5700843500	Ø250	10,61 bar
5700844000	Ø280	10,50 bar
5700844500	Ø300	10,00 bar



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