

BRASS FLOATING VALVE WITH SLIDING TICKLER

OBJECTIVE

This product has as main objective the proportional cut of the fluid, as a function of the level of filling the tank or cistern where it is installed.

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 consult our technical department.

LEAK-TIGHTNESS SYSTEM

Unlike other products on the market, the floats of the brand PARETA are provided with three vital aspects to achieve high quality in their leak-tightness system: 1-Sealing between the thread of the body and the thread of the flange; 2-O-ring sealing between body and flange; 3- Sealing by flat seat between the body and the flange by means of sealant.

INSTALLATION

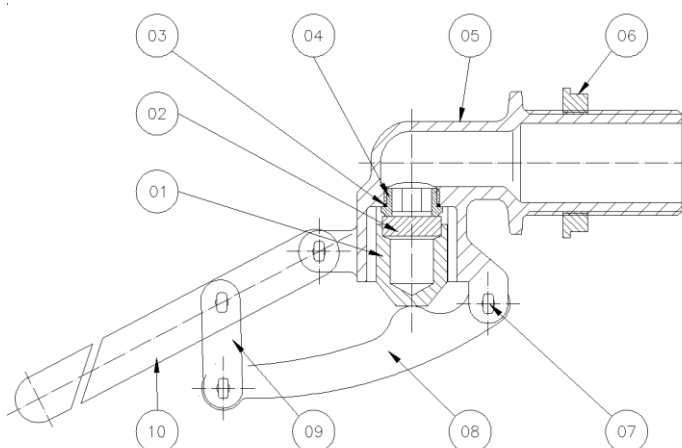
For correct operation, water or fluids must be free of lime and solid particles that may obstruct or damage the leak-tight parts of the floating valve.

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

Also, it is recommended that a pressure regulating valve be inserted *upstream* of the floating valve, thus ensuring that it always works at a stable and concrete pressure, which is absent from water hammer. Take the necessary precautions to prevent waves from forming inside the tank or cistern.

It is advisable to install a filter at the inlet of the pressure regulating valve.

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



Nº	COMPONENT	MATERIAL	QUANTITY
10	Sliding tickler	Brass	1
09	Bone	Brass	2
08	Pole	Brass	1
07	Cotter pin	Brass	4
06	Endless nut	Brass	1
05	Body	Brass	1
04	Flange	P.T.F.E.	1
03	O-ring	N.B.R.	1
02	Gasket rubber	E.P.D.M.	1
01	Piston	Brass	1

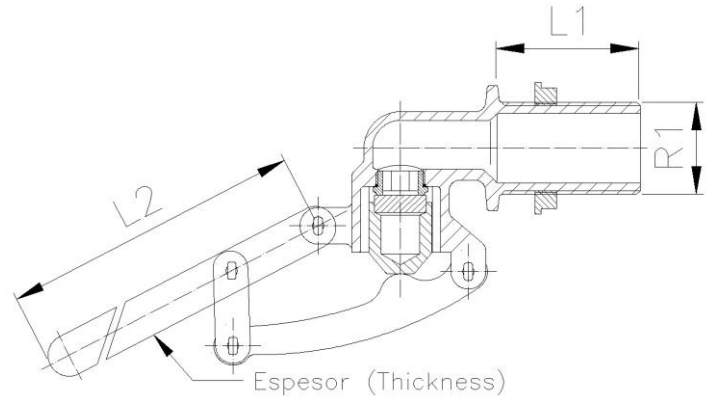
The brass of all the components complies with the Standards UNE-EN 12164, UNE-EN 12165 o UNE-EN 1982

Maximum Working Temperature: 80°C.

In order to extend the life of the floating valve, it's recommended that the constant working temperature is below of 50°C

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TRADITIONAL MODEL OF FLOAT VALVE WITH SLIDE TICKER					
Reference	Thread R1	L1 mm	L2 mm	Thick mm	Maximum Pressure
5500710200	1/2"	35	280	3	11,48 bar
5500710300	3/4"	40	320	3	11,67 bar
5500710400	1"	45	360	3	13,49 bar
5500710500	1"1/4	50	480	4	13,26 bar
5500710600	1"1/2	58	485	4	10,21 bar
5500710700	2"	70	550	5	10,61 bar
5500710800	2"1/2	80	550	6	10,50 bar
5500710900	3"	100	665	7	10,00 bar



THEORETICAL CALCULATIONS OF MAXIMUM FLOWS AT CONSTANT PRESSURE:

PRESSURE FLOW	THREAD OF BODY							
	1/2"	3/4"	1"	1"1/4	1"1/2	2"	2"1/2	3"
Pressure (bar)	3	3	3	3	3	3	3	3
Flow (l/min)	114	257	457	714	1.029	1.828	2.273	2.809
Pressure (bar)	4	4	4	4	4	4	4	4
Flow (l/min)	132	297	528	824	1.187	2.110	2.624	3.244
Pressure (bar)	5	5	5	5	5	5	5	5
Flow (l/min)	147	332	590	922	1.328	2.360	2.934	3.627
Pressure (bar)	6	6	6	6	6	6	6	6
Flow (l/min)	162	364	647	1.010	1.455	2.586	3.214	3.973
Pressure (bar)	7	7	7	7	7	7	7	7
Flow (l/min)	174	393	698	1.091	1.571	2.792	3.472	4.292
Pressure (bar)	8	8	8	8	8	8	8	8
Flow (l/min)	186	420	747	1.166	1.679	2.985	3.712	4.588
Pressure (bar)	9	9	9	9	9	9	9	9
Flow (l/min)	189	445	791	1.237	1.781	3.165	3.937	4.866
Pressure (bar)	10	10	10	10	10	10	10	10
Flow (l/min)	208	469	835	1.304	1.878	3.338	4.150	5.130

The information contained in this sheet is not intended to be exhaustive. We can't be held responsible for the use of the product for an application other than the one specifically recommended, without obtaining previous written confirmation from us. By not having control over the quality or conditions of the substrate or other factors that affect the use or application of product, we don't accept any responsibility on the misbehaviour of the product unless we previously agree it in writing.

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