DATA SHEET

AISI-304 STAINLESS STEEL FLOATING VALVE WITH SPHERICAL FLOATING BALL

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
Sliding shutter consisting of an spherical silicone gasket. This aspect provides the sealing system with the special feature of self-centring of the shutter as the filling level of the tank or cistern rises, until reaching its maximum level of closure of the fluid flow. It also provides a higher coefficient of fluid sliding, thus avoiding possible turbulences or cavitations.

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.

It is always advisable working below 6 bar of 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, 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.

AISI-304 FLOATING VALVE WITH METRICAL THREAD FLOATING BALL					
FLOATING VALVE DATA			FLOATING BALL DATA		
Floating valve reference	Body thread	Rod thread	Floating ball reference	Ball diameter	Connection thread
5550014000	1/4"	M6	5706038000	Ø100mm	M6
5550038000	3/8"	M6			
5550012000	1/2"	M6	5706012000	Ø115mm	M6
5550034000	3/4"	M6			
5550100000	1"	M8	5706100000	Ø135mm	M8
5550114000	1"1/4	M8	5706114000	Ø150mm	M8

NOTE: It is available stainless steel thread adapters to connect other type of floating balls. See the measures in table of the following page.

AISI-304 FLOATING VALVE WITH SLIDING FLOATING BALL					
FLOATING VALVE DATA			FLOATING BALL DATA		
Valve + Ball reference	Body thread	Type of rod	Reference of Ball solely	Ball diameter	Rod connection
5551112000	1"1/2	sliding	5706112000	Ø225mm	sliding
5551200000	2"	sliding	5706200000	Ø250mm	sliding

NOTE: The 1"1/2 and 2" floating valves are always supplied with their floating balls. It is not feasible to connect other type of floating balls that is not the one supplied.

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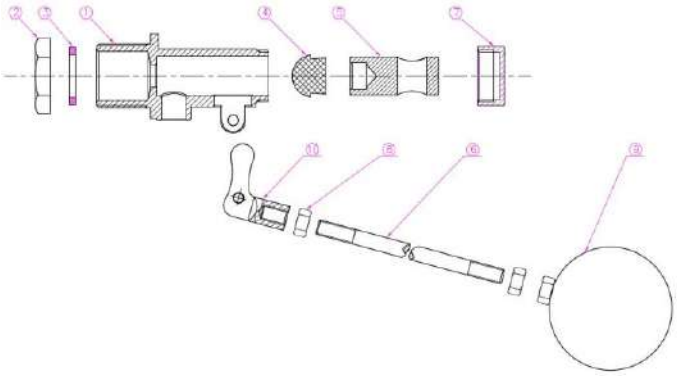
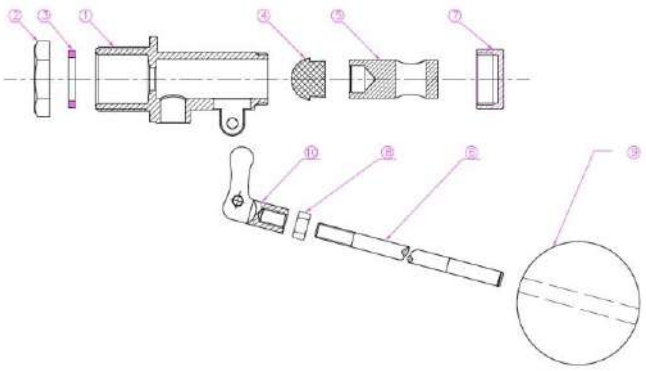


Threaded rod floating valve: from 1/4" to 1"1/4



Sliding rod floating valve: from 1"1/2 to 2"

Nº	COMPONENT	MATERIAL	CANTIDAD
10	Pole	AISI 304	1
09	Spherical Ball	AISI 304	1
08	Adjusting locknut	AISI 304	2
07	Rear cap	AISI 304	1
06	Rod	AISI 304	1
05	Sliding shutter	AISI 304	1
04	Spherical gasket	Silicone	1
03	Floating valve body	AISI 304	1
02	Gasket	NBR	1
01	Sliding nut	AISI 304	1

NOTES

To facilitate the connection of threaded rod floating valves from 1/4 "to 1" 1/4 with other type of floating balls, the thread adapters can be supplied according to the following table:

ROD THREAD ADAPTER TO AISI-304 FLOATING VALVE				
Adapter reference	Female thread	Male thread	Units per bag	Units per box
5558631600	M6	3/16	5	550
5558661000	M6	6/100	5	600
5558671000	M6	7/100	5	500
5558881000	M8	8/100	5	400
5558891000	M8	9/100	5	300