

FLOATING BALL VALVE MALE BSP PN10 COPPER BALL ACS 4MS

Floating ball valve male BSP ACS copper ball for networks of drinking water, watering and water distribution.

Settable compensator (excepted for DN1/2").

Design avoiding formation of water hammers and vibrations during closing.

EPDM gasket.

Compatible with drinking water thanks to the French agreement ACS.



Size : DN1/2" to DN2"

Connection : Male BSP

Min Temperature : +0°C

Max Temperature : +80°C

Max Pressure : 10 Bars according to DN

Specifications : Settable compensator (excepted for DN1/2")

Horizontal position

4MS brass valve

Materials : Copper ball

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SPECIFICATIONS :

- With tuning compensator (excepted DN1/2") avoiding vibrations and water hammers
- Horizontal position
- Brass male valve threaded BSP
- Copper ball
- Stainless steel needle and seat

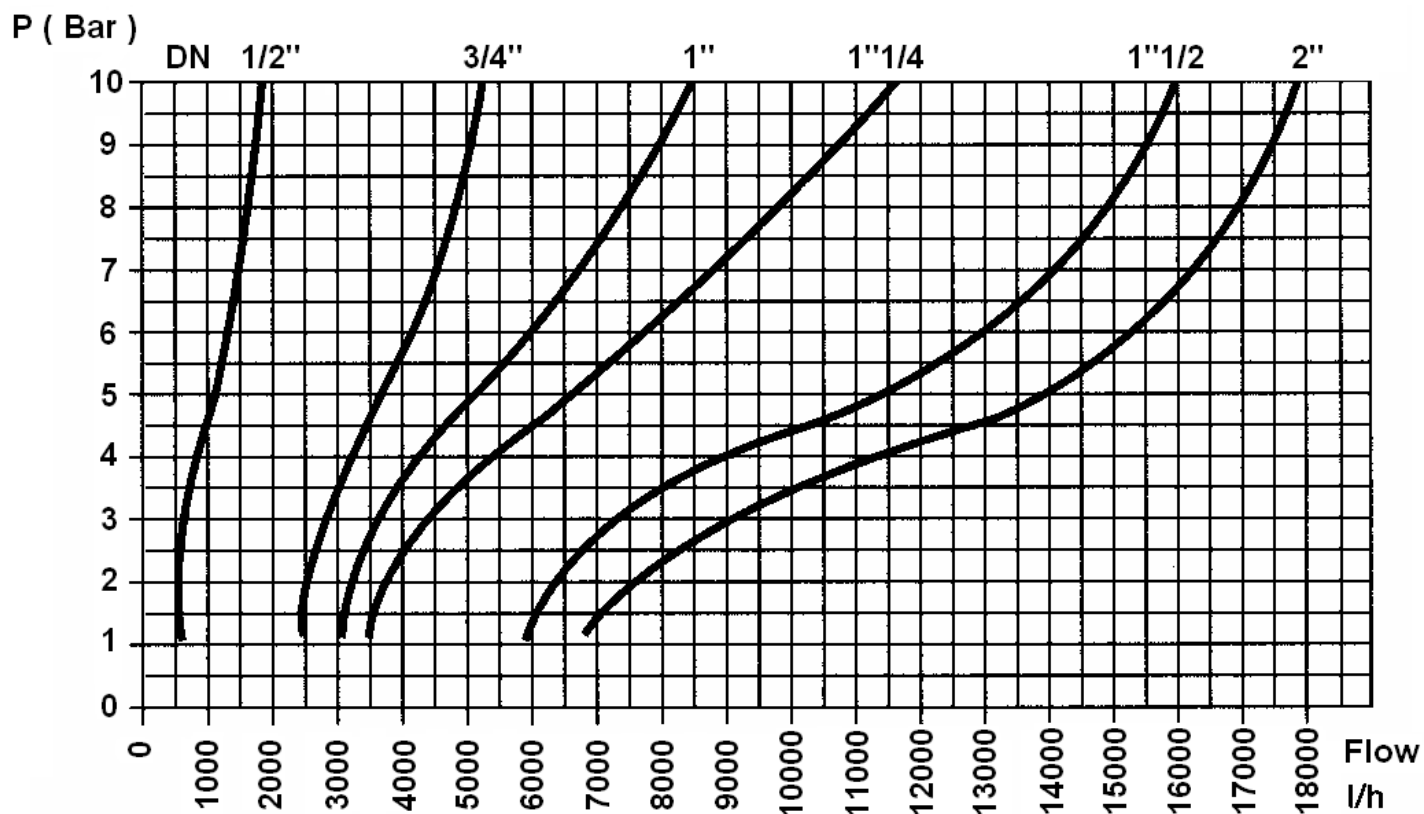
USE :

- Water distribution and watering
- Min and max Temperature Ts : 0°C to + 80°C
- Check the floating ball valve can move correctly after installation
- Do not cut the compensator

MAX PRESSURE :

DN	1/2"		3/4"		1"		1"1/4		1"1/2		2"	
Ø Ball	100	120	150	180	180	220	220	300	220	300	220	300
Ps (Bars)	5	10	8	10	8	10	5	10	5	10	5	10

HEAD LOSS GRAPH (L / h) :

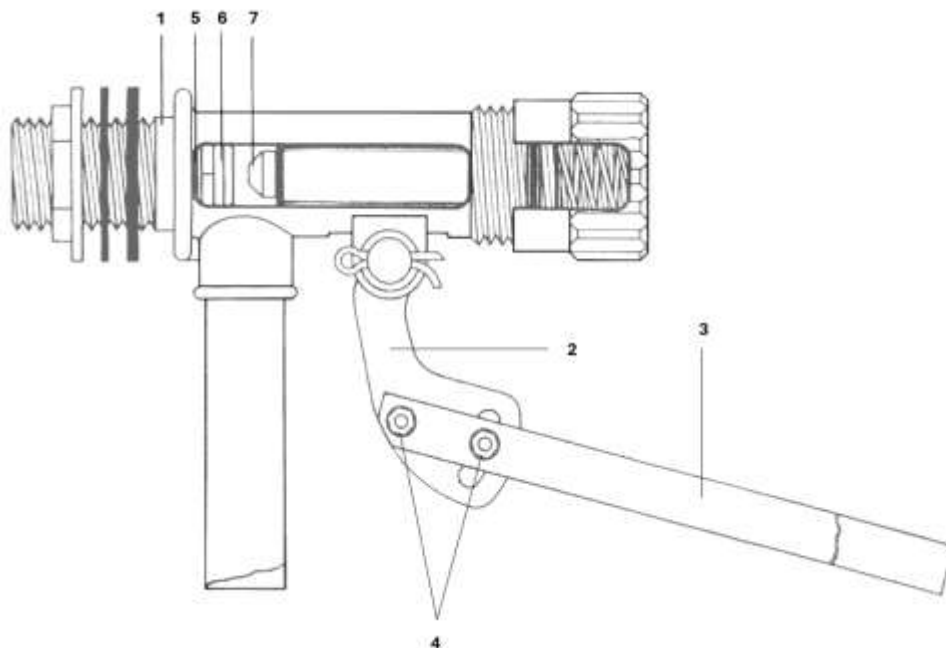


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RANGE :

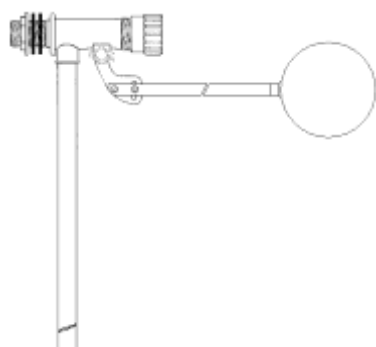
- Brass valve with copper ball **Ref. 491** from DN 1/2" to DN 2"

MATERIALS:

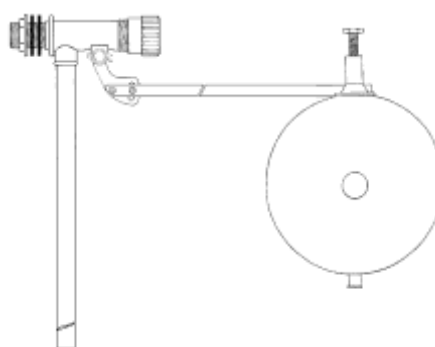


Item	Designation	Materials
1	Body DN1/2"-1"1/4	Brass CW617N-4MS according to EN 12165
1	Body DN1"1/2-2"	Brass CB770S-4MS
2	Lever support	Brass CW617N-4MS according to EN 12165
3	Lever	Brass CW617N-4MS according to EN 12165
4	Screws and nuts	AISI 304
5	Gasket	EPDM
6	Seat	Stainless steel
7	Needle	
	Ball	Copper

DN 1/2"

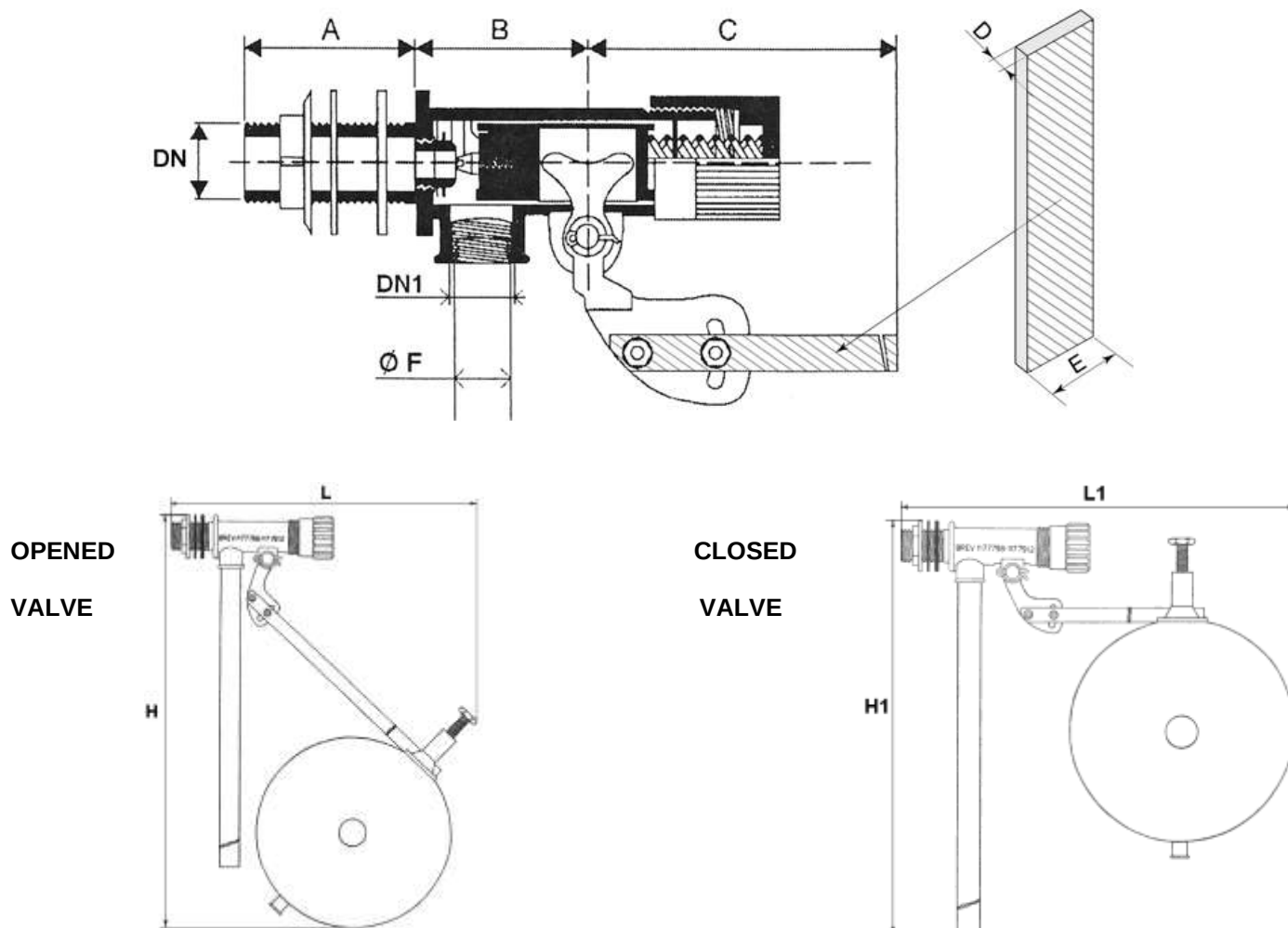


DN 3/4" – 2"



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SIZE (in mm) :



DN	1/2"	3/4"	1"	1"1/4	1"1/2	2"
DN1	3/8"	1/2"	1/2"	3/4"	1"	1"1/4
L	340	480	500	590	625	685
L1	410	655	675	700	770	870
H	300	495	530	510	655	700
H1	235	440		455	570	
A	35	42	48	47	52	67
B	28	51	53	58	59	77
C	305	505			605	
D	4				5	
E	8	15			16	
Ø F	13	20.7	20.7	27	32.5	42
Ø Ball	100	150	180	220	220	300
Weight (Kg)	0.37	1.16	1.36	1.91	2.65	5.38
Ref.	491004	491005	491006	491007	491008	491009

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STANDARDS :

- Manufacturer certified ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 1, § 2.b)
- French water agreement **A.C.S. N° 22 ACC LY 708**

ADVICE : Our opinion and our advice are not guaranteed and SFERACO shall not be liable for the consequences of damages.
The customer must check the right choice of the products with the real service conditions.

INSTALLATION INSTRUCTIONS

GENERAL GUIDELINES :

- Ensure that the valves to be used are appropriate for the conditions of the installation (type of fluid, pressure and temperature).
- Ensure that the valves installed according to actual norms.
- Ensure there are no external articles which could perturb the functioning of the valve. The compensator must move freely
- When installing with outside opened tank, ensure that no external articles could perturb the functioning of the valve or block the compensator.

INSTALLATION INSTRUCTIONS :

- **Before installing the valves, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the valves.
- When installing with outside opened tank, provide a protection for the ball and the compensator to avoid problems with external articles. This protection should be opened at the top and at its bottom so that it doesn't involve the reel high of the fluid. The protection height should be at least equal to the compensator movement height. The compensator and the ball must not touch the protection.
- The compensator must not be cutted.
- To avoid a blocking of the compensator, a regular check is necessary.