

BRONZE Y STRAINER FEMALE BSP ACS

Bronze Y strainer for water distribution and watering.
Mesh 400 μ -500 μ according to DN with stainless steel AISI 304 screen.
PTFE gasket.
Suitable for drinking water thanks to the ACS and WRAS certificates.



Size : DN3/8" to DN4"
Connection : Female BSP
Min Temperature : -10°C
Max Temperature : +110°C
Max Pressure : 16 Bars up to DN2"
Specifications : For drinking water (ACS and WRAS)
Removable stainless steel filter
Mesh 400 μ or 500 μ according to DN

Materials : Bronze body

BRONZE Y STRAINER FEMALE BSP ACS

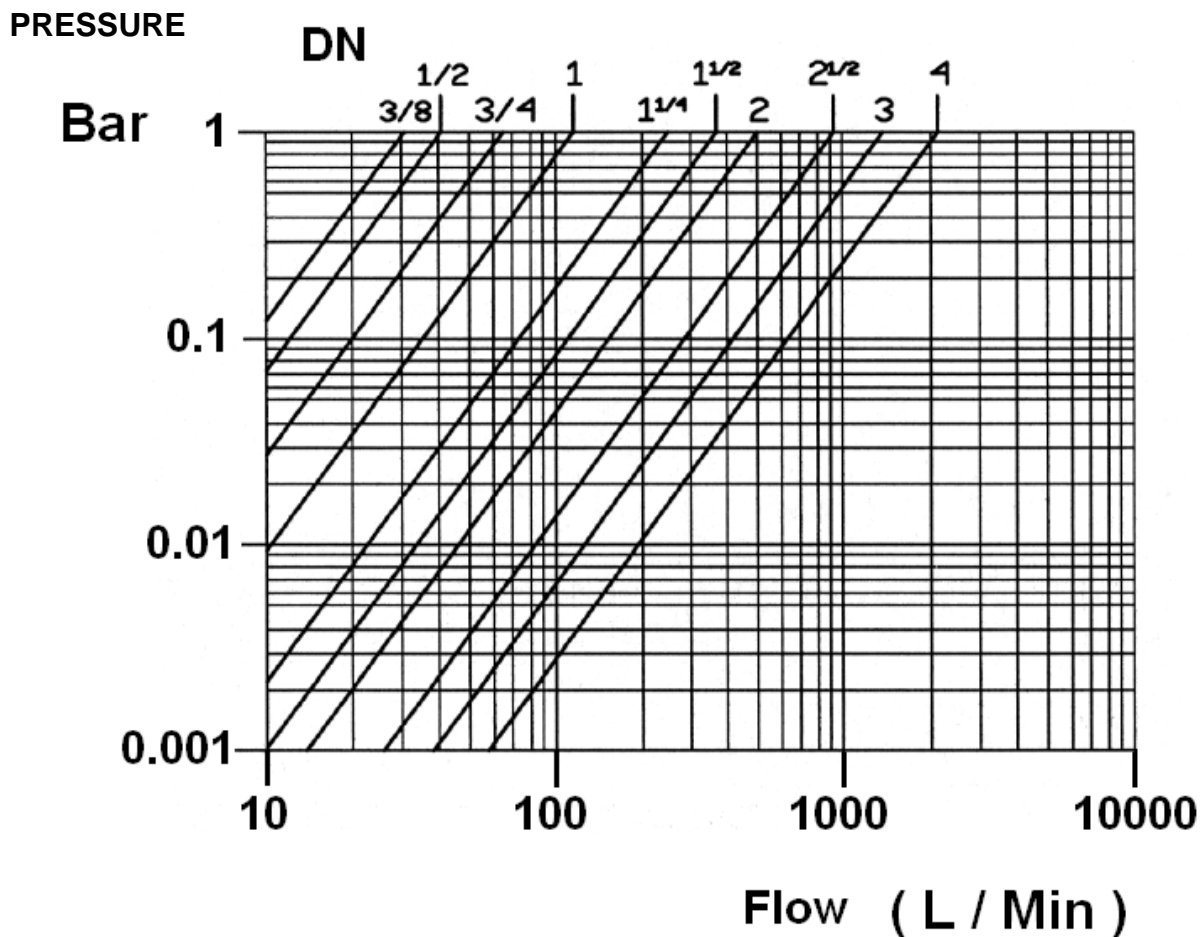
SPECIFICATIONS :

- Removable stainless steel filter
- Female / female type
- Horizontal or vertical position with descendant fluid (respect the flow direction indicated by the arrow)
- Mesh 4/10° mm (400 μ) up to DN 1" and 5/10° mm (500 μ) over

USE :

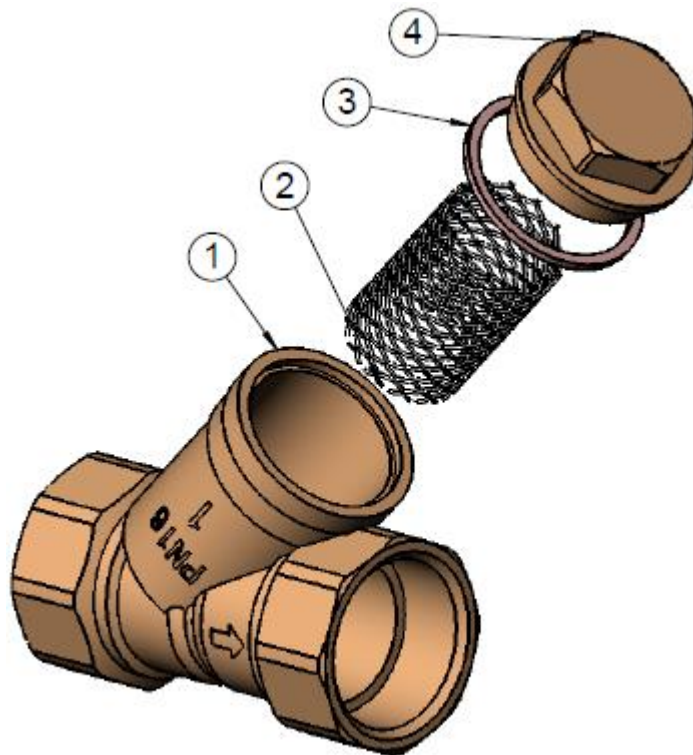
- Water distribution and watering
- Min Temperature Ts : - 10°C
- Max Temperature Ts :+ 110°C
- Max Pressure Ps : 16 bars up to DN 2" , 10 bars over

HEAD LOSS GRAPH :

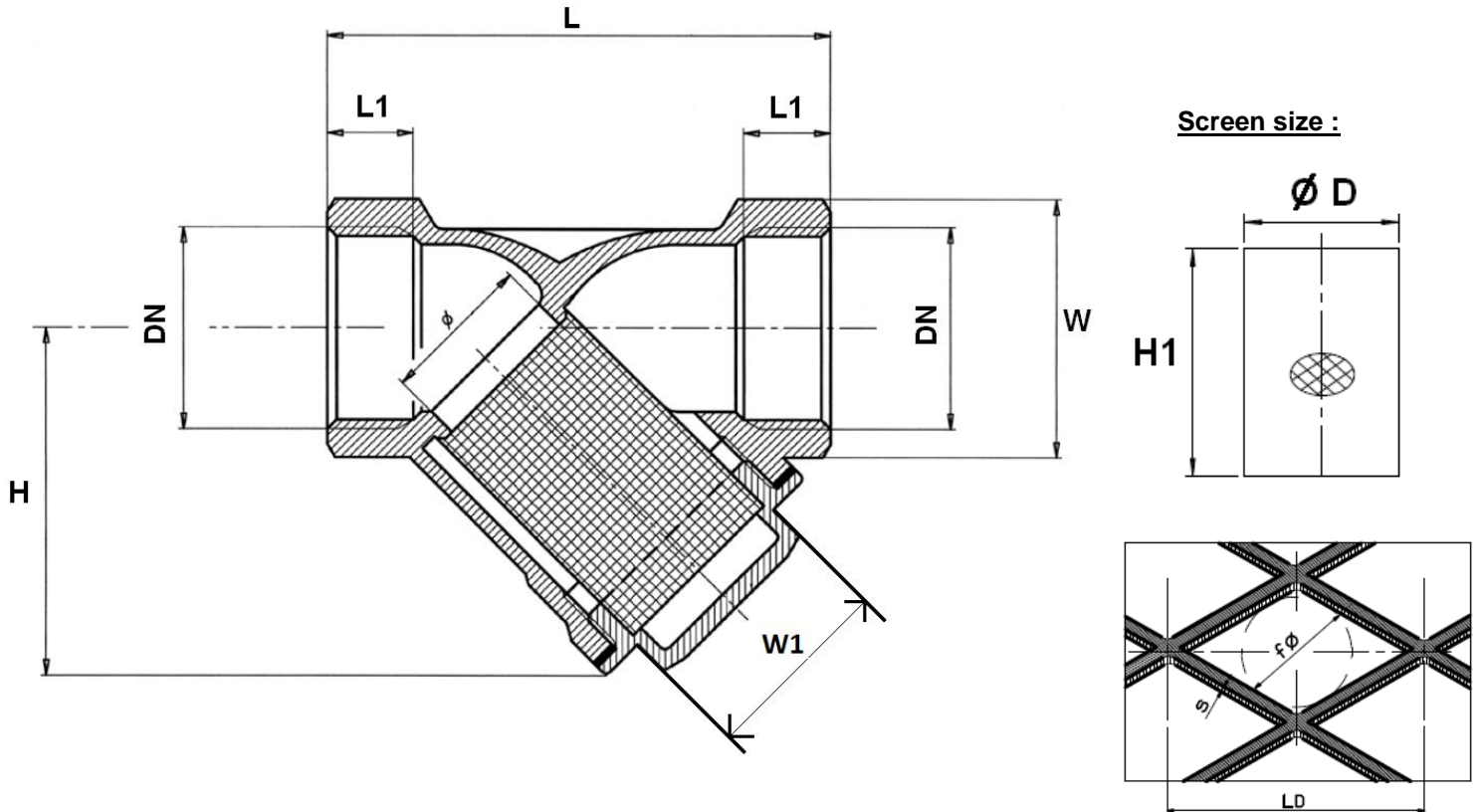


BRONZE Y STRAINER FEMALE BSP ACS
RANGE :

- Bronze Y strainer threaded female BSP cylindrical from DN 3/8" to DN 4" for Ref. 202

MATERIALS :


| Item | Designation | Materials |
|------|-------------|-----------------------------------|
| 1 | Body | Bronze CuSn5Zn5Pb2-B (CB499K) |
| 2 | Filter | AISI 304 |
| 3 | Gasket | PTFE |
| 4 | Cap | Brass CW617N according to EN12165 |

BRONZE Y STRAINER FEMALE BSP ACS
SIZE (in mm) :


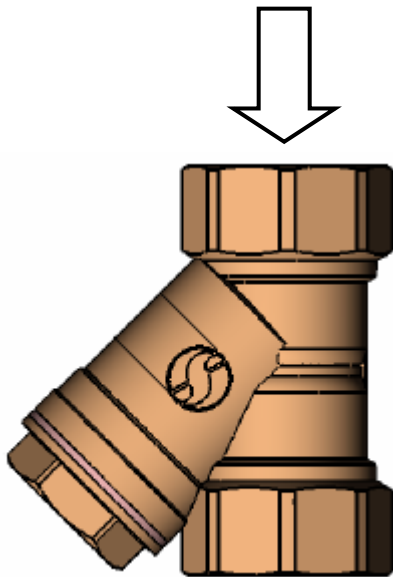
| DN | 3/8" | 1/2" | 3/4" | 1" | 1 1/4" | 1 1/2" | 2" | 2 1/2" | 3" | 4" |
|----------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| Ø | 12 | 15 | 20 | 25 | 32 | 40 | 50 | 65 | 78 | 98 |
| L | 55 | 59 | 69 | 82 | 99 | 109 | 131 | 151 | 172 | 219 |
| L1 | 10 | 11 | 12 | 14 | 17 | 17 | 19 | 21 | 21 | 24 |
| H | 40 | 44 | 50.5 | 60 | 73 | 80 | 98 | 114 | 130 | 170 |
| W (on flat) | 22 | 26 | 32 | 38 | 48 | 52 | 66 | 82 | 96 | 124 |
| W1 (on flat) | 21 | 22 | 26 | 31 | 38 | 42 | 49 | 59 | 71 | 101 |
| Ø D | 18 | 19 | 25 | 30 | 38 | 43 | 58 | 66 | 77 | 100 |
| H1 | 29.5 | 32 | 39 | 46 | 55 | 61.5 | 75.5 | 90 | 105 | 139 |
| Mesh (Øf) | 0.4 | | | | 0.5 | | | | | |
| S | 0.15 | | | | 0.2 | | | 0.25 | | |
| LD | 1.5 | | | | 2 | | | 2.5 | | |
| Weight (in Kg) | 0.18 | 0.22 | 0.3 | 0.44 | 0.7 | 0.86 | 1.62 | 2.2 | 3.44 | 7.7 |
| Ref. | 202003 | 202004 | 202005 | 202006 | 202007 | 202008 | 202009 | 202010 | 202011 | 202012 |

BRONZE Y STRAINER FEMALE BSP ACS**STANDARDS :**

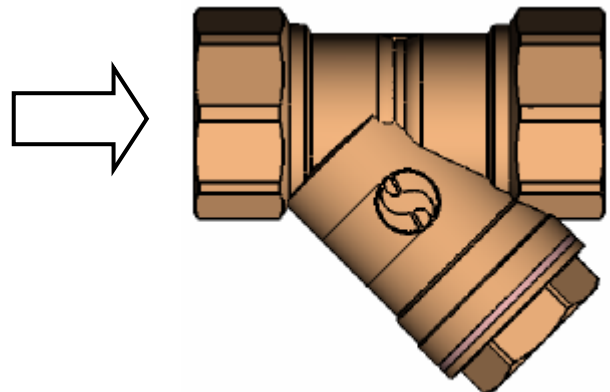
- Fabrication according to ISO 9001 : 2015
- DIRECTIVE 2014/68/EU : Products excluded from directive (Article 1, § 2b)
- French water agreement **A.C.S. N° 19 ACC LY 342**
- English water agreement **WRAS**
- Threaded female BSP cylindrical ends according to ISO 228/1

INSTALLATION POSITIONS :

Vertical position (descendand fluid)



Horizontal position



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

BRONZE Y STRAINER FEMALE BSP ACS**INSTALLATION INSTRUCTIONS****GENERAL GUIDELINES :**

- Ensure that the strainers to be used are appropriate for the conditions of the installation (type of fluid, pressure and temperature).
- Be sure to have enough valves to be able to isolate the sections of piping as well as the appropriate equipment for maintenance and repair.
- Ensure that the strainers to be installed are of correct strength to be able to support the capacity of their usage.
- **Installation of all circuits should ensure that their function can be automatically tested on a regular basis (at least two times a year).**

INSTALLATION INSTRUCTIONS :

- **Before installing the strainers, clean and remove any objects from the pipes** (in particular bits of sealing and metal) which could obstruct and block the strainers.
- **Ensure that both connecting pipes either side of the strainer (upstream and downstream) are aligned (if they're not, the strainer may not work correctly).**
- **Make sure that the two sections of the pipe (upstream and downstream) match, the strainer unit will not absorb any gaps. Any distortions in the pipes may affect the tightness of the connection, the working of the strainer and can even cause a rupture.** To be sure, place the kit in position to ensure the assembling will work.
- The theoretical lengths given by ISO/R7 for the tapping are typically longer than required, the length of the thread should be limited, and **check that the end of the tube does not press right up to the head of the thread.**
- **Never use a vice to tighten the fixings of the strainer.**
- **If sections of piping do not have their final support in place, they should be temporarily fixed. This is to avoid unnecessary strain on the strainer.**
- **Fluids in the strainer must not contain solid objects (it could damaged the seat).**