



Y TYPE NPT STRAINER

Y Type strainer where the connection is made by threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installation.



TECHNICAL SHEET Y TYPE NPT STRAINER

PRODUCT DESCRIPTION

The Y type strainer with drain valve is suitable for use in drinking water installations where protection against particles of a certain size is required

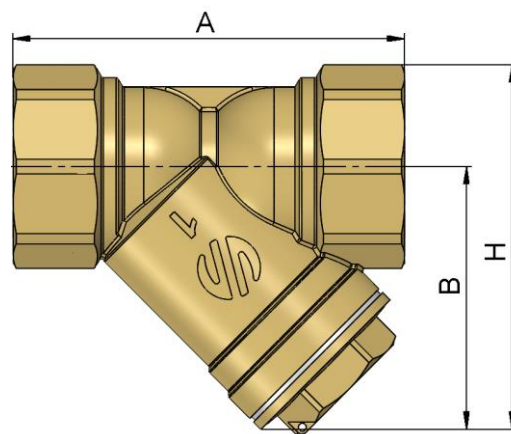
PRODUCT SCOPE

- Drinking water networks.
- Plumbing installations of cold water and sanitary hot water.
- Pumping groups.
- Heating installations.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

Code	Size	A (mm)	B (mm)	H (mm)	PN (BAR)	Temp. (°C)*
01830NPT	1/2" F-F	57	39	50	16	0 to 95
01831NPT	3/4" F-F	68	43	56	16	0 to 95
01832NPT	1" F-F	75	52	70	16	0 to 95
01833NPT	1 1/4" F-F	93	69	92	16	0 to 95
01834NPT	1 1/2" F-F	107	75	103	16	0 to 95
01835NPT	2" F-F	126	92	112	16	0 to 95

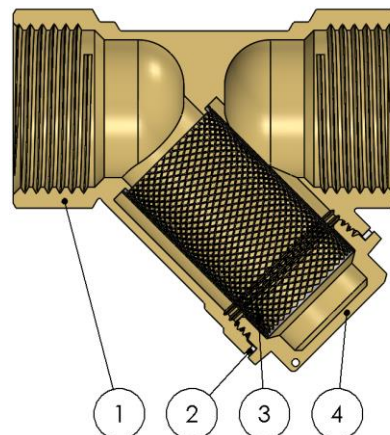
* Freezing is excluded.



MATERIALS

Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass color
2	Flat joint	Fiber	-
3	Filter	Stainless steel	Stainless steel
4	Cap	Brass CW617N	Brass color

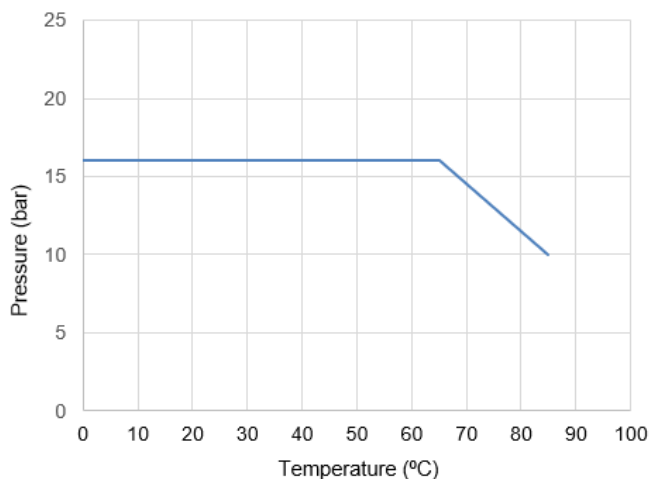
Threading according to ASME B1.20.1



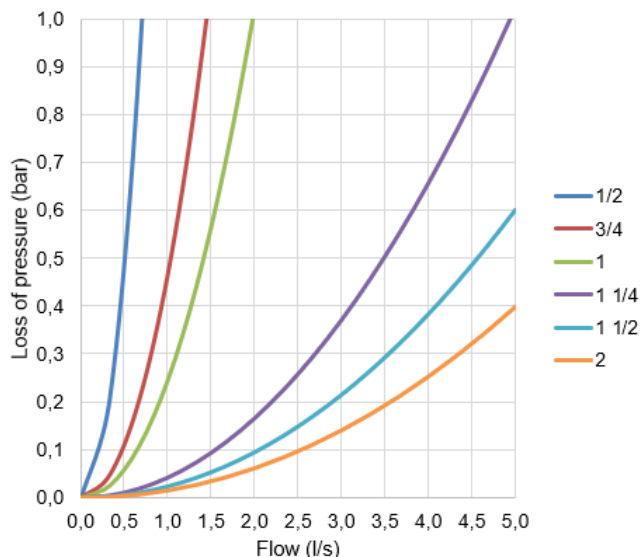


TECHNICAL DATA

Pressure vs. temperature



Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

Fluid	Compatibility
Drinking water and domestic hot water	Excellent
Water + 50% Glycol (maximum)	Good

Size	1/2	3/4	1	1 1/4	1 1/2	2
Kv	2,5	5,2	7,1	17,8	23,2	28,3

Kv (m³/h), cubic meters per hour that flow through the valve generating a loss of 1 bar pressure.

For any other fluid, please contact Arco technical service.

Nominal Diameter	1/2 - 3/4 - 1	1 1/4 - 1 1/2 - 2
Maximum hole passage	1 mm	1,2 mm
Diameter of the inscribed hole	800 micron	1000 micron
Holes per cm ²	70	70
% Holes per total area	45%	50%

INSTALLATION AND OPERATION INSTRUCTIONS

Before performing any action, the water supply to the installation should be shut off. Make sure there is no dirt or foreign objects in the connection to the network. Apply the appropriate sealing material to the inlet thread of Y type strainer. The strainer should be installed with a suitable tool, preferably with wrench to hold the body. The tool should act on the flat surfaces of the strainer body to avoid deforming this area due to excessive pressure from the tool.

Do not alter the assembly of the strainer components.

During installation, hold the filter by the connection end, never by the central part to avoid deformation.

It can be installed horizontally or vertically but always following the direction of the engraved arrow.

The filter will be cleaned if it is found to be clogged.



All products have an environmental impact during its life cycle, even once retired. All the components of this product can be recycled. Once the use is over, leave the valve in any recycling green point. Válvulas Arco reserves the right to change the product or any of its technical specifications without prior notice.

FT08280ING – Edition 2024-12