



EA TYPE ANTI-POLLUTION CHECK VALVE

Anti-pollution check valves where the connection is made by threaded ends.

- European Brass, DW (4MS) quality for use in drinking water installations.
- More flow with a larger passage section.
- Low noise level.
- Resist 200.000 cycles* (see test conditions).



TECHNICAL SHEET ANTIPOLLUTION CHECK VALVE EA TYPE

PRODUCT DESCRIPTION

Anti-pollution check valve EA type is connected by threading. It has 2 caps of 1/8 for checking the operation of the device emptying network...

Its main function is to prevent water backflows into the drinking water networks, avoiding the risk of returning polluting substances to the network.

PRODUCT SCOPE

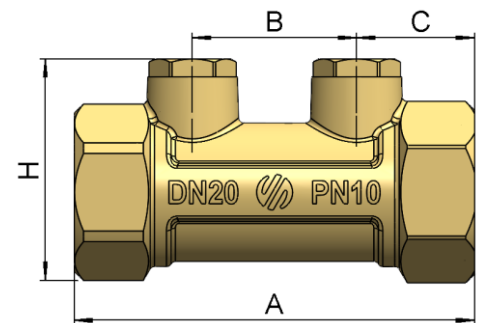
- Plumbing installations of cold water and sanitary hot water.
- Water networks.
- Domestic water tanks.

GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

FEMALE - FEMALE

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (BAR)	Temp. (°C)*
191103	1/2 F-F	68	32	18	39	10	0 to 80
191104	3/4 F-F	78	32	23	43	10	0 to 80
191105	1 F-F	90	32	29	50	10	0 to 80
191106	1 1/4 F-F	110	32	38	60	10	0 to 80

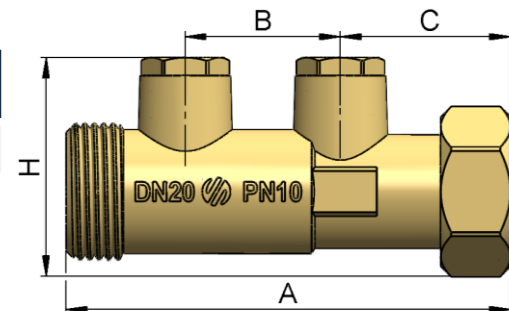
* Freezing is excluded.



LOOSE NUT - MALE

Code	Size	A (mm)	B (mm)	C (mm)	H (mm)	PN (bar)	Temp. (°C)*
191124	3/4LN - 3/4M	86	30	33	43	10	0 to 80

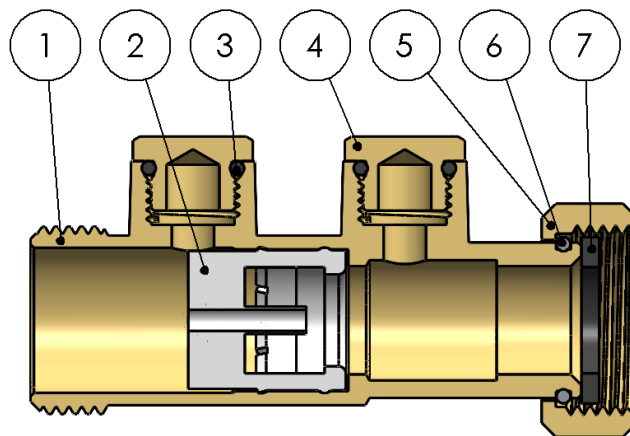
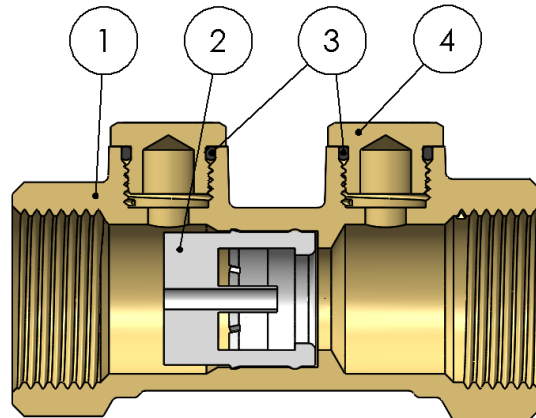
* Freezing is excluded.





MATERIALS

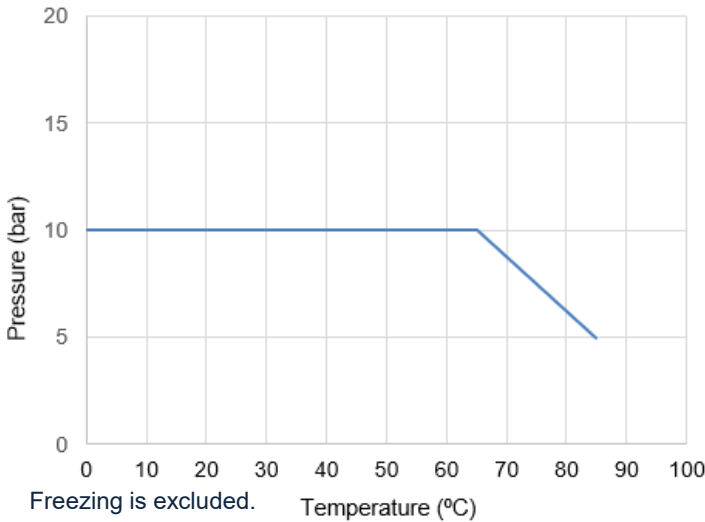
Item	Component	Material	Finishing
1	Body	Brass CW617N	Brass color
2	Check valve	POM & Inox	-
3	O-ring	NBR	-
4	Cap	Brass CW617N	Brass color
5	Nut	Brass CW617N	Brass color
6	Ring	Stainless steel	Stainless steel
7	Joint	NBR	-



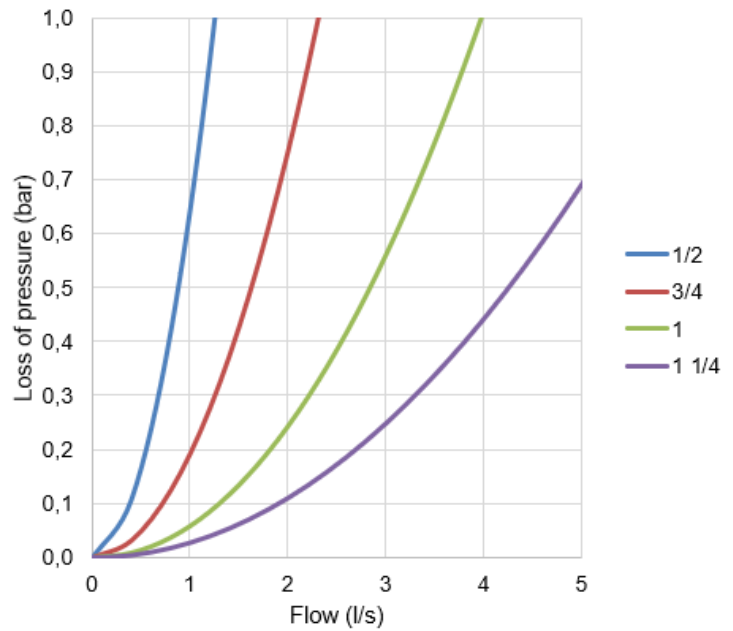


TECHNICAL DATA

Pressure vs. temperature.



Hydraulic features. Flow vs. loss of pressure.



Compatibility with fluids

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

For any other fluid, please contact Arco technical service.

Size	1/2	3/4	1	1 1/4
Kv	4,5	8,3	14,3	21,6

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

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 the valve.

It do not require specific maintenance, the use of a filter upstream of the check valve is recommended to ensure the correct operation of the valve.

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

The valve should be installed with a suitable tool, preferably with a wrench to hold the body. The tool should act on the flat surfaces of the valve body to avoid deforming this area due to excessive pressure from the tool.

Do not alter the assembly of the valve components; replacement or disassembly of the handle may cause external leaks.



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.

FT08040ING – Edition 2024-12