



TAJO 2000 VITAQ DRAINING

Quarter-turn ball valves for plumbing installations where the connection is made by threading

- VITAQ system, more life, less lime at higher temperatures.
- European Brass, DW (4MS) quality for use in drinking water installations.
- 100% valves are tested for inner leakage.
- Extra-long design to fit most existing installations.
- Strong construction and safe installations.
- Maximum threaded length for demanding installations.
- Square handle 14 x 14.
- Blue index on the top of the handle shows whether the valve is open or closed and prevents dirt from entering the handle.
- Handle is fitted to the valve neck, designed to prevent dirt from entering and hindering operation.
- 3/8 drain plug with built-in filter to prevent particles from entering the draining area.
- Slow drainage system to avoid waterlogging by facilitating the gradual absorption of water into the soil.



TECHNICAL SHEET TAJO 2000 VITAQ DRAINING

PRODUCT DESCRIPTION

Quarter turn ball valves with manual operation equipped with a discharge system that allows the drainage of the downstream network when the valve is in the closed position. Connection to the installation is made via a threaded joint, which facilitates its assembly and maintenance.

It incorporates the VITAQ system, designed to extend the valve's service life and improve flow comfort, especially in installations located in areas with hard water.

PRODUCT SCOPE

Specially designed drinking water installations where controlled drainage of the interior network of a house is required to prevent potential damage or burst caused by water freezing in the pipes.

In the open position, the valve operates like a conventional ball valve, allowing normal water flow. In the closed position, in addition to stopping the supply, it simultaneously activates the drainage of the interior network..

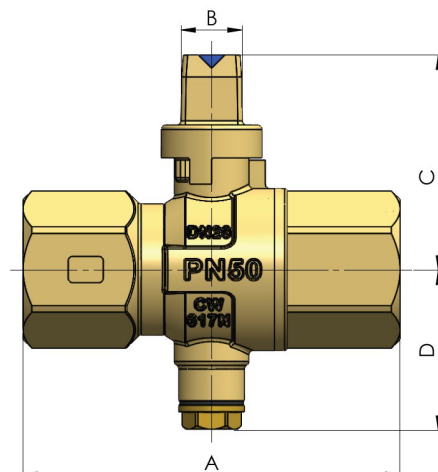
GENERAL DIMENSIONS, PRESSURE AND TEMPERATURE

FEMALE – FEMALE SQUARE 14 X 14

Code	Size	A (mm)	B (mm)	C (mm)	D (mm)	PN (BAR)	Temp. (°C)*
33006AC	3/4 F-F	86	14	49	37	50	-20 a 140

Threading according to ISO228

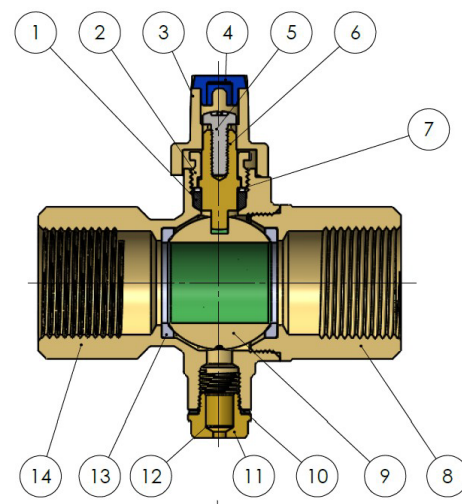
* Freezing is excluded.





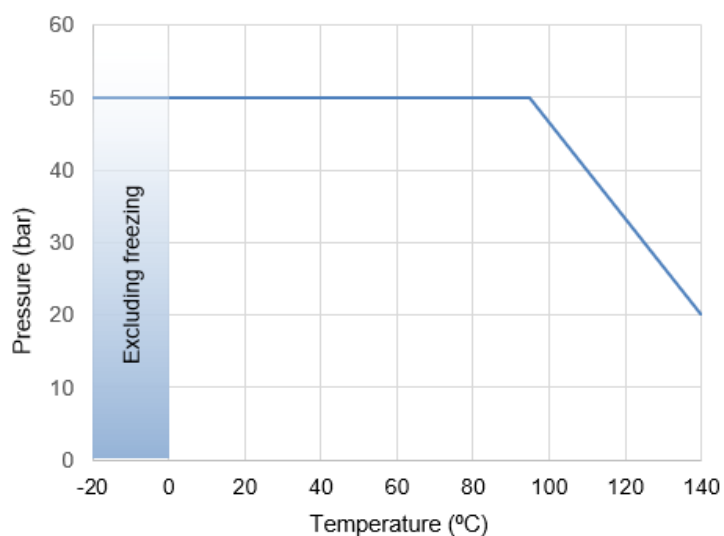
MATERIALS

Item	Component	Material	Finishing
1	Gland	PTFE	-
2	Gland nut	Brass CW614N	Zinc plated
3	Lever	Brass CW617N	Brass colour
4	Index	ABS	Blue
5	Screw	Stainless steel	Inox
6	Stem	Brass CW614N	Zinc plated
7	Washer	Brass CW614N	Brass colour
8	Lateral	Brass CW617N	Brass colour
9	Ball	Brass CW617N	VITAQ
10	Flat joint	NBR	-
11	Cup	Brass CW617N	Brass colour
12	Filtre	Stainless steel	Inox
13	Seat	PTFE	-
14	Body	Brass CW617N	Brass colour



TECHNICAL DATA

Pressure vs. temperature

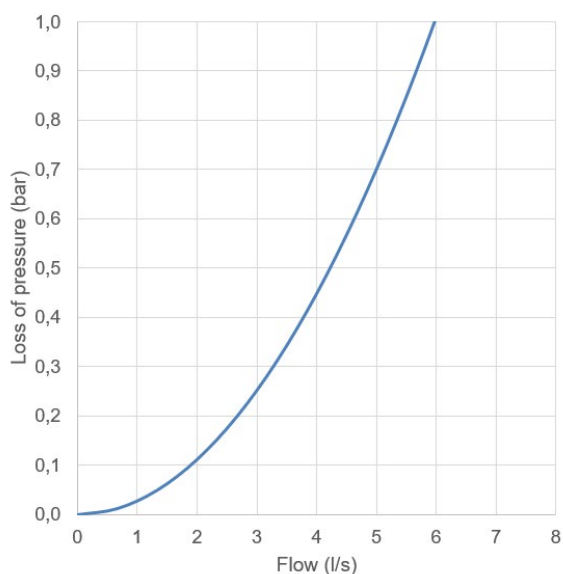


Compatibility with fluids

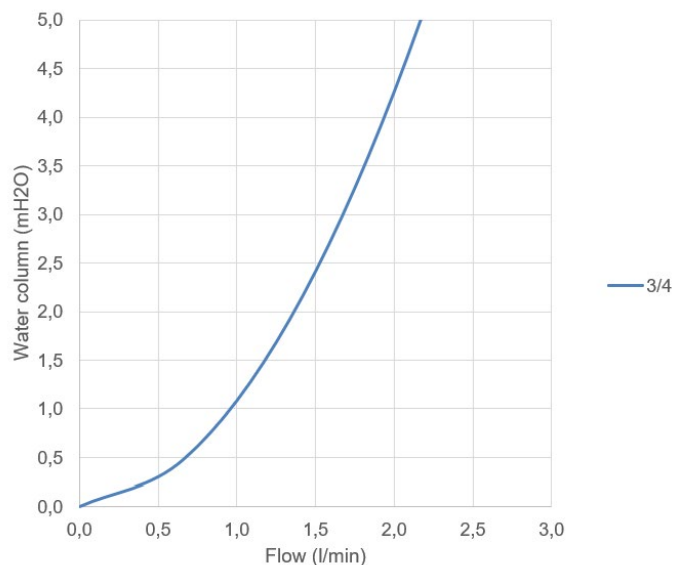
Fluid	Compatibility
Drinking water	Excellent



Hydraulic features. Flow vs. loss of pressure



Discharge flow vs water column



Kv (m³/h): cubic meters per hour flowing through the valve that generate a pressure drop of 1 bar

Size	3/4
Kv	21,5

The discharge flow rate depends on the height of the water column downstream of the valve. As the system is emptied, this height gradually decreases, proportionally reducing the discharge flow rate.

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. 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. Asegúrese que la válvula esta instalada en posición horizontal y con el agujero de descarga perpendicular al suelo. Ensure that the valve is installed in a horizontal position, with the discharge hole perpendicular to the floor.

Make sure that no element of the installation obstructs the discharge orifice located on the lower part of the valve. It is recommended to leave a minimum free space of 3 cm between the lower face of the cap and the floor, in order to allow proper unscrewing and cleaning of the internal filter when necessary.

This valve can only operate in fully open or fully closed positions; intermediate positions will cause leakage.

Restore the water supply and check the tightness of all connections before putting the valve into service.

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.

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