

BRASS BALL VALVE "mini"

OBJECTIVE

The purpose of this product is to cut off the fluid in the network or pipeline system where it is installed.

APPLICATIONS

The most common applications are plumbing in general, heating, sanitary water, installations, or compressed air networks. This valve can be inserted in an already built installation. The fluids must be free of lime and solid particles.

LEAK-TIGHTNESS SYSTEM

The leak-tightness system is by spherical shutter (ball) assembled between two PTFE seats.



COMPONENT	MATERIAL
Valve body	Brass
Lateral bonnet	Brass
Spherical shutter (ball)	Brass
Shaft	Brass
Seats	P.T.F.E.
Shaft O-rings	NBR
Handle	Aluminium alloy
Handle screw	Stainless Steel 304

ADVANTAGES

As it is a valve of reduced overall dimensions, its use is optimal for places or spaces that are difficult to access. In addition, we offer the same valve with two possibilities of handle color: blue and red. In this way, installations can be made where it may be interesting to make distinctions between primary and secondary circuits, or main and derivations, to distinguish types of fluid, or simply for aesthetic reasons.

CONNECTION TYPES

- Female-female thread Gas type ISO-228 (BSP)
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- Available measures: 1/4", 3/8", 1/2" and 3/4"

TECHNICAL FEATURES

- Different handle colours: blue and red
- Maximum working temperature: +95° C.
(It is recommended to work at a maximum of 70°C to extend the useful life of the valve)
- Maximum working pressure: 16 bar
- Valves without predetermined flow direction.

OPERATION

- To close the flow, turn the handle clockwise. Once closed, the handle must be perpendicular to the flow direction.
- To open the flow, turn the handle anticlockwise. Once opened, the handle must be parallel to the flow direction.
- To ensure the correct valve operation, it is necessary that the valve does not remain NEVER in intermediate positions of opening or closing under any reason.
- It is recommended to perform the opening and closing movements of the valve, at least once a month.

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INSTALLATION

- For proper operation, the waters or fluids must be free of lime and solid particles that could obstruct or damage the parts of the sealing system.
- It is mandatory to clean installation's pipes prior to the valve connection, guaranteeing inside the absence of strange elements which could damage the cutting off and leak-tightness system of the valve.
- Assemble the valve to network device or pipe using always suitable sealing elements and fittings for each type of valve. These fittings must carry out with regulations' and standards' specifications required by the current regulations. In case the fittings used require welding operations, DO NOT make such operations with the fitting connected to the valve, an excess of temperature could damage its vital parts of the sealing system. Also, be sure to remove all the fitting's parts that are rubber or liable to be damage in the welding process.
- Always assemble the valve to its connection ends designed for this purpose. DO NOT do it for the body, neck, or handle.
- Check that connections are free of tensions, whether traction, compression, torque, bending or shearing.
- Make sure that the installation is free from vibrations, contractions, and expansions. In this case, install all the appropriate devices to avoid them.
- NEVER hit any part of the valve under any circumstances.
- DO NOT alter or modify any part of the valve or its components.
- Once the installation is finished, it is mandatory to carry out leaking tests required by the current regulations. These tests must always be prior to putting on service of the device or network.

PERIODIC TESTS

- Maintenance operations are not required. It is only recommended realising opening and closing movements of the valve, along its 90 degrees of turn once a month at least as described in the OPERATION section.
- During the life of the valve, leaking tests required by the current regulations must be carried out.
- Periodically check that the valve has a proper operation, mainly the opening and closing movements.
- Also periodically check the general appearing of the valve, ensuring that there is not any damaged part.

CAUTIONS

- Any deterioration or breakage of the valve or part of it requires complete replacement of the same one.
- Deterioration of any part of the valve means non-compliance of with the requirements of the Standards.
- Ensure that the valve is the suitable for the device or network to which we install and allows the flow required for the intended use.
- All the installation must be done in accordance with the existing code of good practice, local laws and approved national regulations.
- To check lacking leaks in the installation, NEVER USE flames or any substance or product that is flammable or susceptible to fire or explosion.
- Do not use this valve for any other purpose than that one that the valve has been designed and manufactured, under any circumstance.