



Installation and Maintenance Instructions **Ball Valve w. strainer & magnet**

EN

Application

Ball valve with integrated strainer and magnet intended for tight closure or opening of working fluid flow and impurities filtering. The working fluid may be drinking water, water, antifreeze fluid for heating systems, heat pumps and solar thermal systems.

Technical Data

Max. working pressure:	16 bar
Max. working temperature:	-20 °C to 100 °C
Magnetic induction:	3500 - 7000 Gs
Filter mesh size:	0.6 mm

Variants and Codes

Item	Lever Code	Cranked Lever Code	Butterfly Code	Connection
1/2" F Ball Valve w. strainer & magnet	21227	-	21226	G 1/2" F
3/4" F Ball Valve w. strainer & magnet	17404	21425	18318	G 3/4" F
1" F Ball Valve w. strainer & magnet	17405	21424	18319	G 1" F
5/4" F Ball Valve w. strainer & magnet	17406	-	20256	G 5/4" F
6/4" F Ball Valve w. strainer & magnet	17407	-	-	G 6/4" F
2" F Ball Valve w. strainer & magnet	17408	-	-	G 2" F

Installation

It may be installed horizontally (Fig. 1 or 2) or vertically (Fig. 3). **Always respect the flow direction marked by an arrow on the valve housing.**

Hold the ball valve at the side where you are connecting a pipe (Fig. 4). Holding the ball valve at the opposite side is not recommended (Fig. 5).

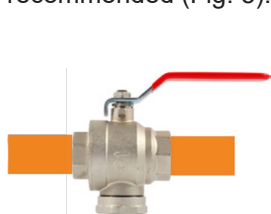


Fig. 1



Fig. 2



Fig. 3



Fig. 4

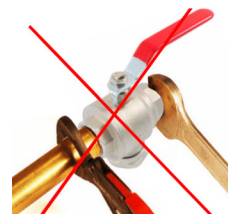


Fig. 5

Maintenance and cleaning

1. Close the ball valve by turning the lever (butterfly) clockwise by 90° (Fig. 6).

2. Unscrew the lid with magnet manually and take out the strainer (Fig. 7).

Remove impurities from the strainer and magnet. Return the clean strainer back to its place and screw on the lid with magnet.

3. Open the ball valve by turning the lever (butterfly) counter-clockwise by 90° (Fig. 8).

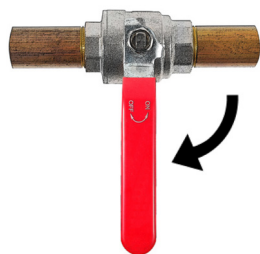


Fig. 6 - closing the valve



Fig. 7 - taking out the strainer

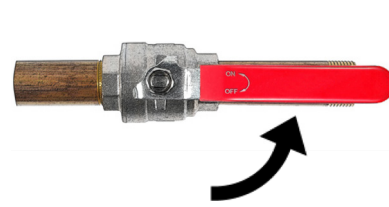


Fig. 8 - opening the valve