BALL VALVES
WITH STRAINER & MAGNET

Protection of boilers against dirt from heating systems

MAGNET FILTERBALL and FLOW FILTERBALL

Filter-ball valves combine the functionality of a ball valve with a built-in filtration system. These valves are engineered not only to control the flow of fluids but also to strainer out impurities, debris, or particles present in the working fluid.

The working fluid may be water, antifreeze fluid for heating systems, heat pumps and solar thermal systems.

They are commonly used in applications where maintaining a clean and uncontaminated flow is crucial for the proper functioning of the system.

Main features

- Tight closure or opening of working fluid flow
- Impurities filtering
- Easy cleaning, no tools needed
- Replaceable stainless-steel strainer

FLOW FILTERBALL

Ball Valve with strainer

TECHNICAL DATA

Max. working pressure:	16 bar
Max. working temperature:	-20 °C to 100 °C
Strainer mesh size:	0.6 mm

Connection size	Code - with lever
1/2" F	21228
3/4" F	17065
1" F	17066
5/4" F	17067
6/4" F	17068
2" F	17069

MAGNET FILTERBALL

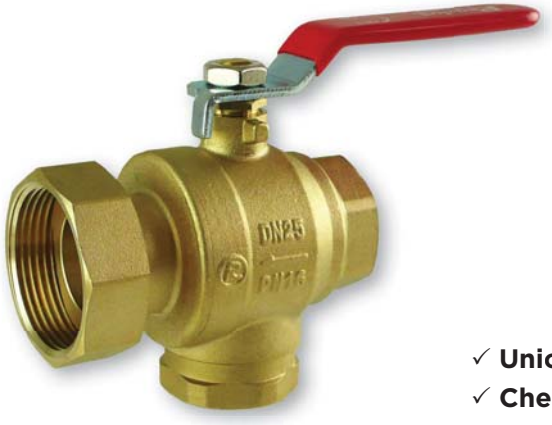
Ball Valve with strainer & magnet

TECHNICAL DATA

Max. working pressure:	16 bar
Max. working temperature:	-20 °C to 100 °C
Magnetic induction:	0.7 T (7 000 Gs)
Strainer mesh size:	0.6 mm

Connection size	Code - with lever	Code - with butterfly	Code - with cranked lever
1/2" F	21227	21226	-
3/4" F	17404	18318	21425
1" F	17405	18319	21424
5/4" F	17406	20256	-
6/4" F	17407	-	-
2" F	17408	-	-

Ball Valve with strainer & magnet for direct pump connection



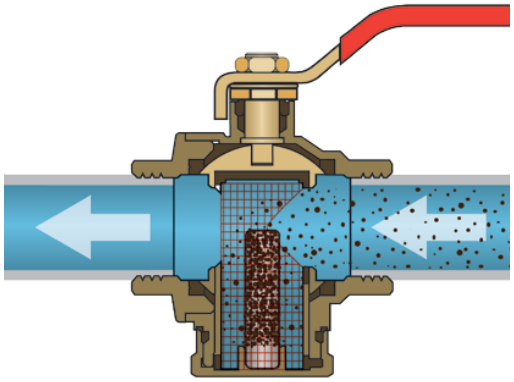
Connection size	Code - with lever
1"x6/4" F/Fu	20360
1"x6/4" F/Fu	20428 fitted with check valve

✓ **Union nut** allows easy connection of the circulation pump.
✓ **Check valve** prevents backflow and increases system safety.

INSTALLATION

The ball valve may be installed horizontally (magnet facing up- or downwards) or vertically.

The flow direction marked by an arrow on the valve housing shall be always respected.



CLEANING

Close the ball valve **(Fig. 1)**.

Unscrew the plug with magnet by hand.

Pull out the strainer and remove impurities from both the magnet and strainer **(Fig. 2)**.

Reassemble after cleaning.

Open the ball valve **(Fig. 3)**.

Fig. 1

Fig. 2

Fig. 3

The ease of cleaning without the need for specialized tools enhances the maintenance convenience of these ball valves. This feature is particularly advantageous for applications where regular cleaning is required to maintain optimal performance and prevent clogging or build-up of contaminants.

The use of a replaceable stainless-steel strainer adds a layer of durability and longevity to the valve. Stainless steel is corrosion-resistant, making it suitable for prolonged exposure to various fluids. The ability to replace the strainer simplifies maintenance, allowing for cost-effective and efficient upkeep of the valve over its lifecycle.

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