

DATA SHEET

Magnet FilterBall – ball valve w. filter & magnet for circulation pumps



code 20360



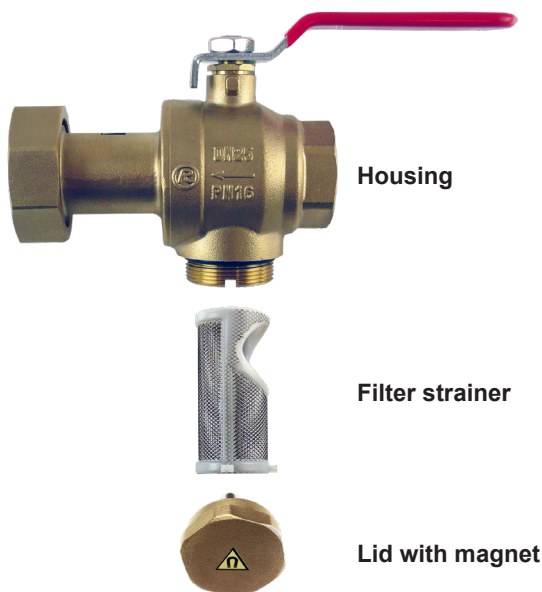
code 20428

Main Features

Application	Intended for tight closure or opening of working fluid flow and impurities filtering. Designed to be connected directly to G 6/4" circulation pumps.
Description	Ball valve with integrated strainer + magnet. Code 20428 is fitted with check valve. It comes complete with pump seal.
Control	Manual opening/closing.
Working fluid	Drinking water, water, antifreeze fluid for heating systems, heat pumps and solar thermal systems.
Maintenance	For strainer cleaning, close the ball valve completely, unscrew the lid with magnet and remove the strainer.
Installation	Horizontal or vertical, always respect the flow direction marked by an arrow on the housing; for proper functioning the valve shall be fully open during operation and fully closed during maintenance and strainer cleaning.

Name	Code	Connection size
Magnet FilterBall 6/4" Fu x 1" F	20360	G 6/4" Fu x 1" F
Magnet FilterBall 6/4" Fu x 1" F w. check valve	20428	G 6/4" Fu x 1" F

Composition of the ball valve w. strainer & magnet



Technical Data

Max. working pressure	16 bar
Max. working temperature	-20 °C to 100 °C
Magnetic induction	7 000 Gs
Filter mesh size	0.6 mm

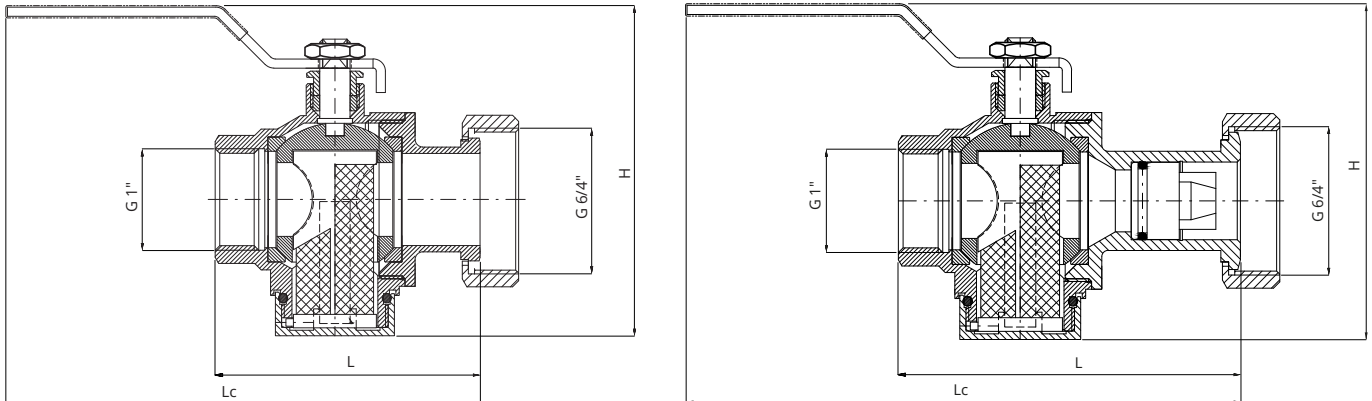
Materials

Valve housing	brass
Lid	brass
Magnet	neodymium NdFeB
Filter strainer	stainless steel
O-ring (lid)	EPDM
Lid gasket	EPDM
Closing ball	chrome-plated brass
Ball seal	PTFE
Spindle	brass
Spindle seal	PTFE
Packing nut	brass
Lever	steel
Seal to the pump	NBR

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Dimensions



Code	Dimensions			DN [mm]	Kvs [m³/h]	Weight [kg]
	Lc [mm]	L [mm]	H [mm]			
20360	156	87	106	25	10.2	0.9
20428	179	110	106	25	9.0	1.0

Pressure drop diagram

