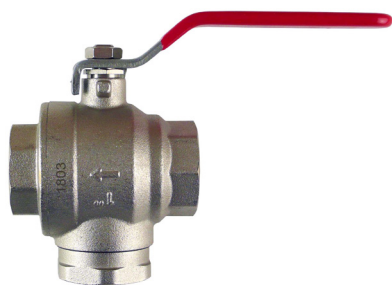


DATA SHEET

Magnet FilterBall – ball valve w. filter & magnet



With lever:
code 21227, 17404, 17405, 17406, 17407, 17408



With a butterfly handle:
code 21226, 18318, 18319, 20256



With cranked lever – front cleaning:
code 21424, 21425

Main Features

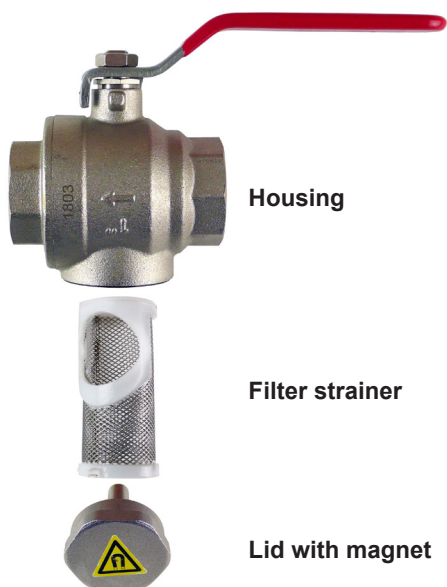
Application	It is used to completely close / open the flow and filter impurities from the working fluid. Valves with a cranked lever allow front cleaning of the filter – from the same side as the lever is operated. This allows installation in places where the filter cannot be easily removed from the back – e.g. for installations close to a wall.
Description	Ball valve with integrated strainer + magnet.
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 with lever	21227 17404 17405 17406 17407 17408	G 1/2" F G 3/4" F G 1" F G 5/4" F G 6/4" F G 2" F
Magnet FilterBall with butterfly	21226 18318 18319 20256	G 1/2" F G 3/4" F G 1" F G 5/4" F
Magnet FilterBall with cranked lever – front cleaning	21425 21424	G 3/4" F G 1" F

DATA SHEET

Magnet FilterBall – ball valve w. filter & magnet

Composition of the ball valve w. strainer & magnet



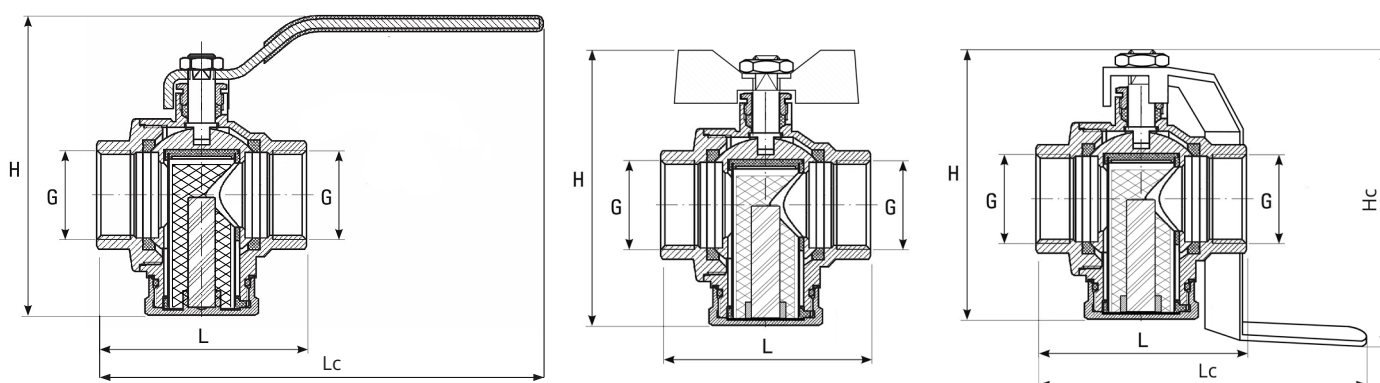
Technical Data

Max. working pressure	16 bar
Max. working temperature	–20 °C to 100 °C
Filter mesh size	0.6 mm

Materials

Valve housing	nickel-plated brass
Lid	nickel-plated 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 / butterfly	steel

Dimensions

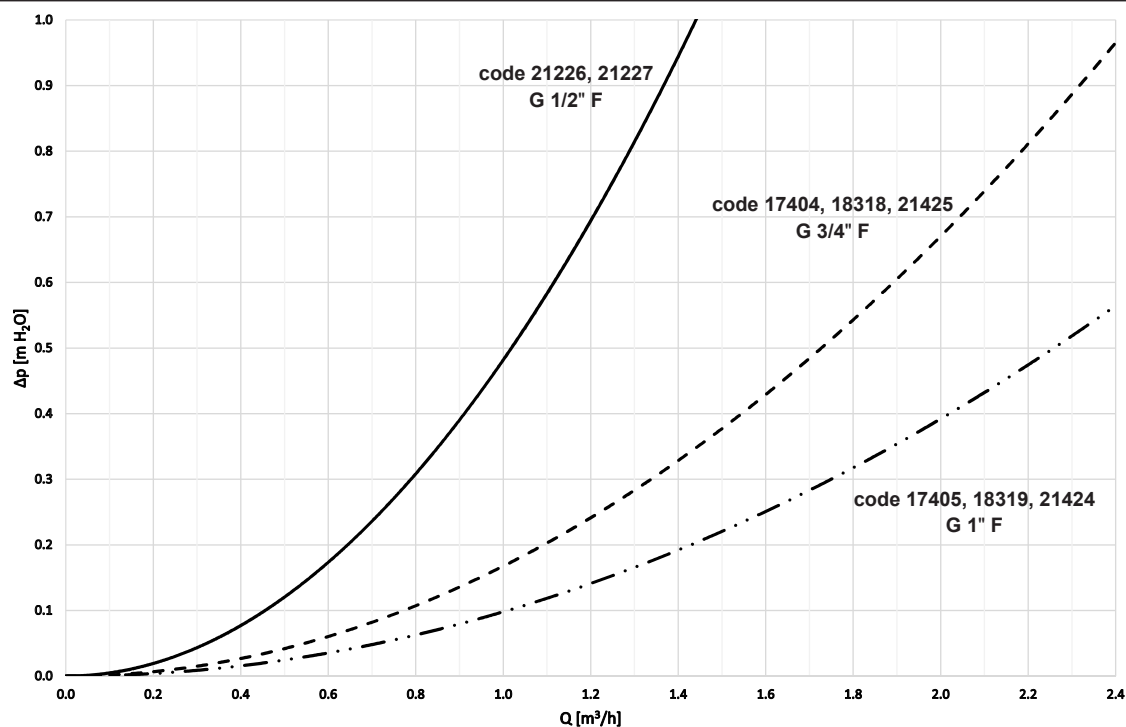


Code	Dimensions					DN [mm]	Kvs [m³/h]	Weight [kg]	Magnetic induction [Gs]
	G	Lc [mm]	L [mm]	H [mm]	Hc [mm]				
21227	1/2" F	100	55	78	–	15	4.6	0.24	3500
21226	1/2" F	–	55	70	–	15	4.6	0.22	3500
17404	3/4" F	140	65	100	–	20	7.8	0.6	7000
18318	3/4" F	–	65	95	–	20	7.8	0.5	7000
21425	3/4" F	123	65	90	100	20	7.8	0.6	7000
17405	1" F	146	78	106	–	25	10.2	0.8	7000
18319	1" F	–	78	103	–	25	10.2	0.8	7000
21424	1" F	150	78	98	116	25	10.2	0.9	7000
17406	5/4" F	182	87	129	–	32	19.0	1.3	7000
20256	5/4" F	–	87	122	–	32	19.0	1.3	7000
17407	6/4" F	192	108	144	–	40	26.5	2.0	7000
17408	2" F	310	127	188	–	50	43.1	3.9	7000

DATA SHEET

Magnet FilterBall – ball valve w. filter & magnet

Pressure drop diagram for 21226, 21227, 17404, 17405, 18318, 18319, 21424, 21425



Pressure drop diagram for 17406, 17407, 17408, 20256

