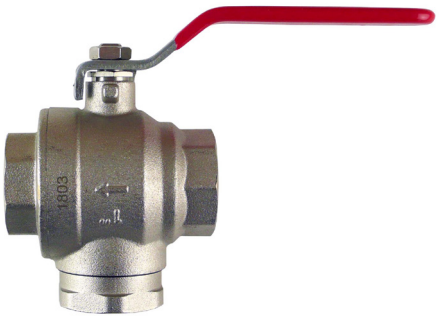
DATA SHEET

Flow FilterBall – ball valve with integrated filter

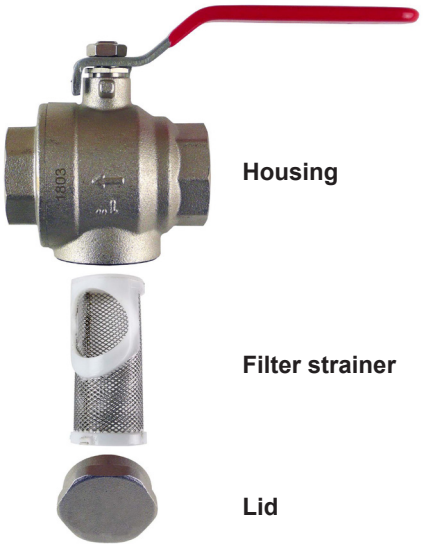


code 21228, 17065, 17066, 17067, 17068, 17069

Main Features	
Application	Intended for tight closure or opening of working fluid flow and impurities filtering.
Description	Ball valve with integrated strainer.
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 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
Flow FilterBall 1/2" F – lever	**21228**	G 1/2" F
Flow FilterBall 3/4" F – lever	**17065**	G 3/4" F
Flow FilterBall 1" F – lever	**17066**	G 1" F
Flow FilterBall 5/4" F – lever	**17067**	G 5/4" F
Flow FilterBall 6/4" F – lever	**17068**	G 6/4" F
Flow FilterBall 2" F – lever	**17069**	G 2" F

Composition of the ball valve with filter



Housing

Filter strainer

Lid

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
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

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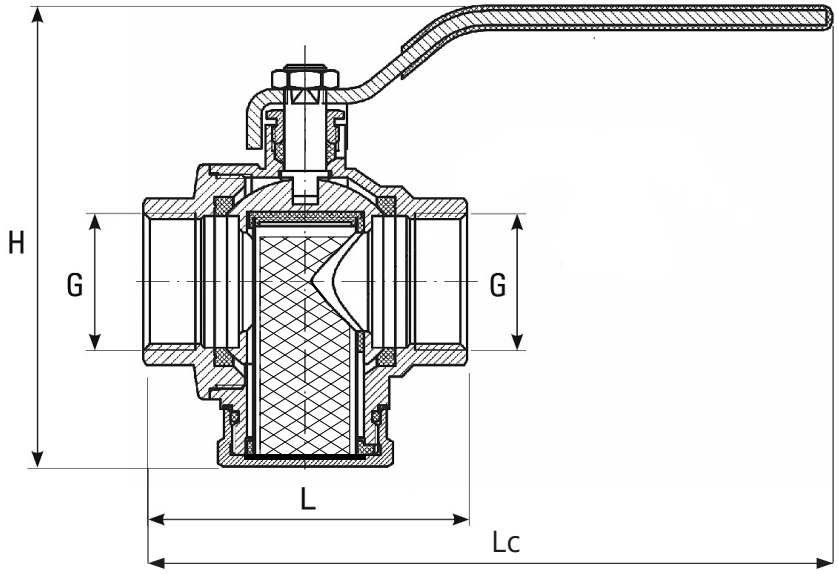
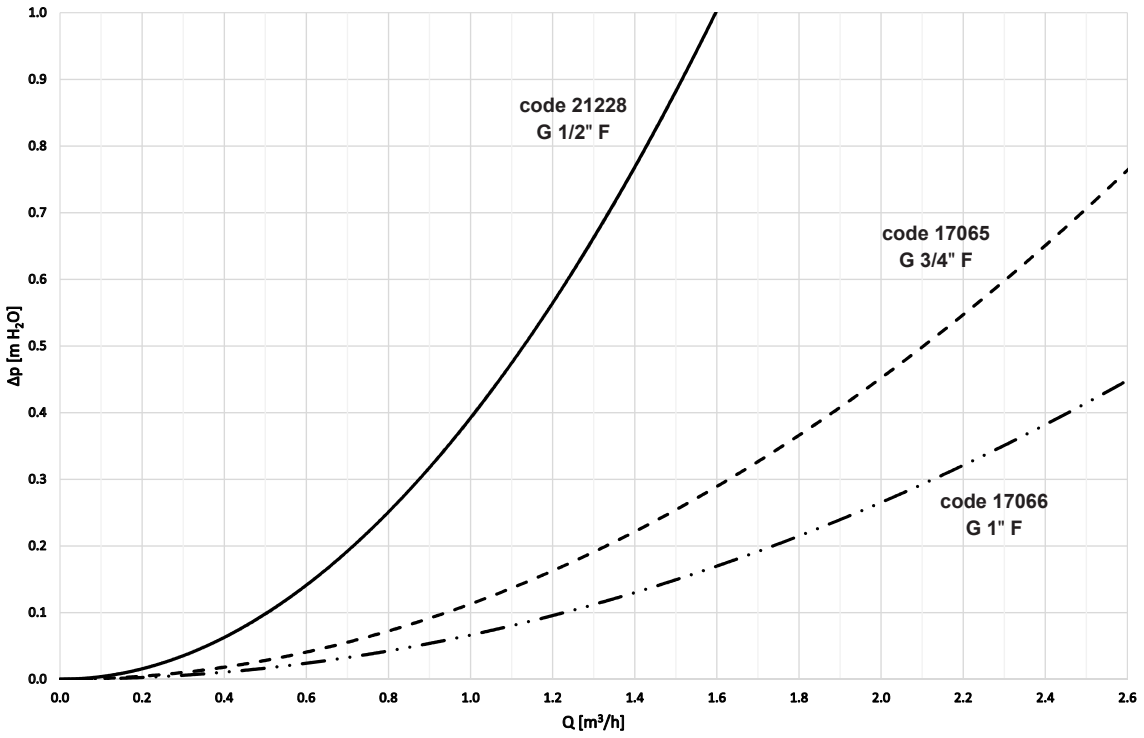
Dimensions



Code	Dimensions				DN	Kvs	Weight
	G	Lc [mm]	L [mm]	H [mm]	[mm]	[m³/h]	[kg]
21228	1/2“ F	100	55	78	15	5.1	0.24
17065	3/4" F	140	65	100	20	9.5	0.6
17066	1" F	146	78	106	25	12.4	0.8
17067	5/4" F	182	87	129	32	23.1	1.3
17068	6/4" F	192	108	144	40	32.2	2.0
17069	2" F	310	127	188	50	52.4	3.9

Pressure drop diagram for 21228, 17065, 17066



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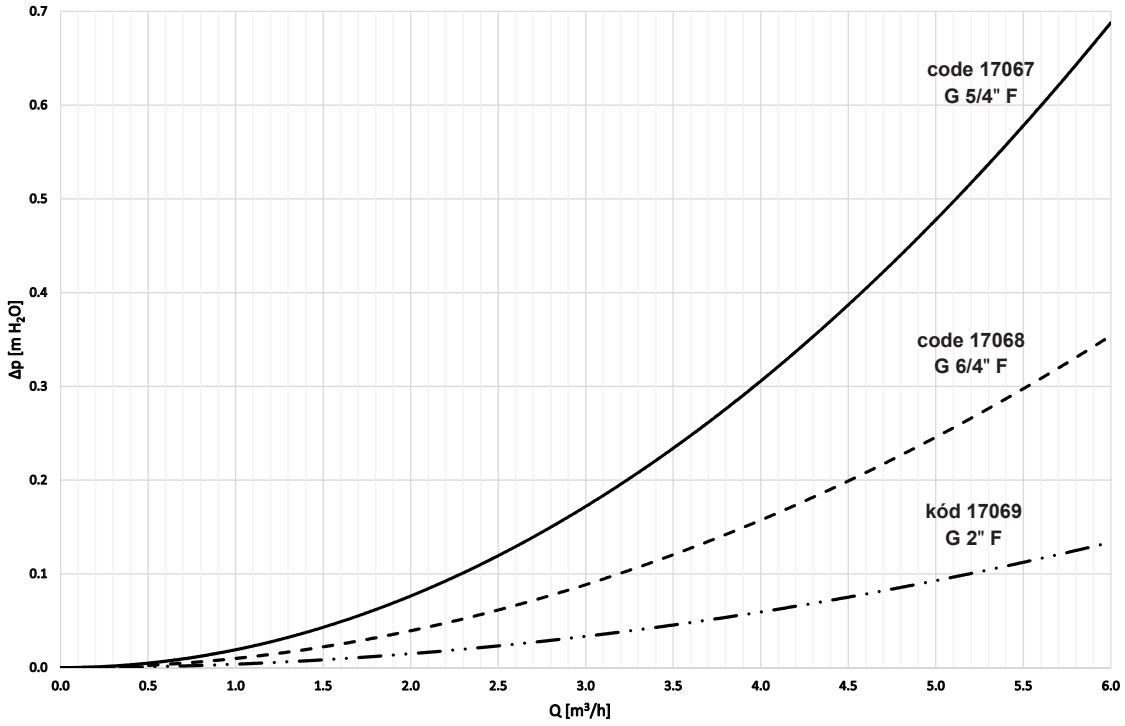
Flow FilterBall – ball valve with integrated filter

Pressure drop diagram for 17067, 17068, 17069



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