

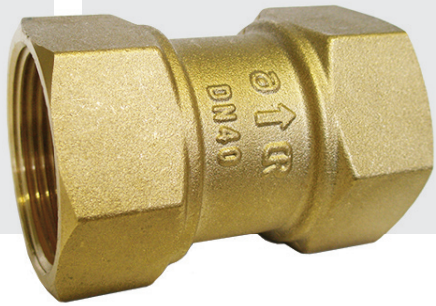
ALT-SCV

single check valve



altecnic

ALT-SCV single check valve



Application

The Altecnic single check valve has a resilient seat and spring assistance, for rapid closure.

This enables the valve to be installed in horizontal or vertical pipework, with the flow in the upwards direction.

The spring assistance gives rapid closure, preventing flow reversal and hydraulic shock.

The valve is intended for use in potable or domestic hot water systems to prevent back flow.

The valve can also be close coupled to the BA-0300 foot filter to make a foot valve and strainer for use in cold water storage tanks.

The EPDM rubber disc facing makes the valve suitable for use on water applications.

Design

The non return valve is uni-directional.

The EPDM 'O' rings used in the check valve cartridge enables the valve to be used up to a maximum temperature of 90°C.

The valves provide category 2 protection for both backflow and back siphonage as specified in the Water Supply (Water Fittings) Regulations 1999.

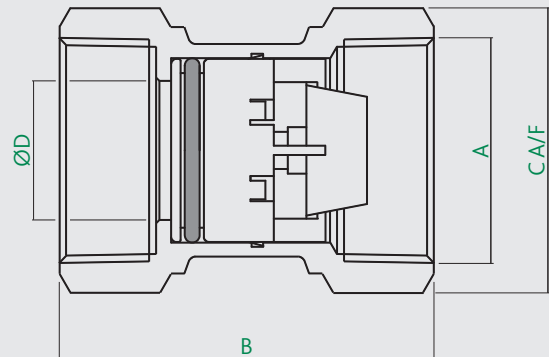
Supplied with taper female threaded ends complying with BS EN 10226.

Construction Details

Component	Material	Grade
Body	DZR alloy	BS EN 12165 CW602N
Check valve cartridge	Polypropylene	
'O' ring	EPDM	

Product Code	Size	Connections
ALT-SCV015	½"	f x f screwed iron
ALT-SCV020	¾"	f x f screwed iron
ALT-SCV025	1"	f x f screwed iron
ALT-SCV032	1¼"	f x f screwed iron
ALT-SCV040	1½"	f x f screwed iron
ALT-SCV050	2"	f x f screwed iron

Dimensions



Size	A	B	C	D	kg
ALT-SCV015	Rc½	42	24	12.5	0.063
ALT-SCV020	Rc¾	50	32	17	0.128
ALT-SCV025	Rc1	60	38	22	0.171
ALT-SCV032	Rc1¼	79	46	24	0.331
ALT-SCV040	Rc1½	84	53	30	0.532
ALT-SCV050	Rc2	101	64	38	0.850

Technical Data

Max. working pressure:	10 bar
Min. working pressure:	0.1 bar
Max. operating temperature:	60°C
Conforms to:	BS EN 13959
End connections:	BS EN 10226

Installation

The valves are very simple to install with just two joints to make.

The flow through the valve must follow the direction arrow on the valve body.

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