

ALT-SCV

single check valve



altecnic

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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.

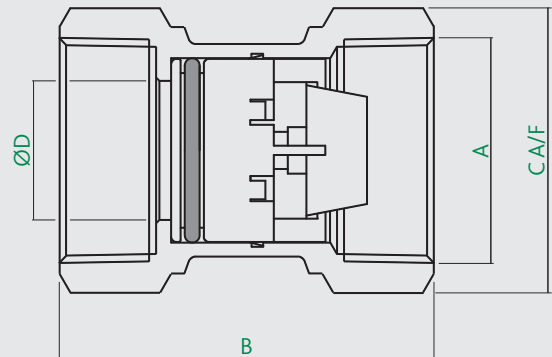
Supplied with taper female threaded ends complying with BS EN 10226.

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	1/2"	f x f screwed iron
ALT-SCV020	3/4"	f x f screwed iron
ALT-SCV025	1"	f x f screwed iron
ALT-SCV032	1 1/4"	f x f screwed iron
ALT-SCV040	1 1/2"	f x f screwed iron
ALT-SCV050	2"	f x f screwed iron

Dimensions



Size	A	B	C	D	kg
ALT-SCV015	Rc1/2	42	24	12.5	0.063
ALT-SCV020	Rc3/4	50	32	17	0.128
ALT-SCV025	Rc1	60	38	22	0.171
ALT-SCV032	Rc1 1/4	79	46	24	0.331
ALT-SCV040	Rc1 1/2	84	53	30	0.532
ALT-SCV050	Rc2	101	64	38	0.850

Technical Data

Max. Temperature:	90°C
Max. Pressure:	10 bar
End Connections:	BS EN 10226

E & O.E

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