

119-100

combined isolation, strainer
and double check valves



CERTIFICATE MARK

altecnic
Caleffi group

119-100 combined isolation, strainer and double check valves



Application

With changes in building construction, there is a continual requirement for more compact and multi-functional valves. The Altecnic 119-100 combines the function of a ball isolating valve, double check valve with the benefit of a strainer to meet these requirements.

The combined isolation, strainer and double check valve is the ideal compact valve to provide backflow prevention to the water supply.

The strainer provides protection from water supplies which may contain debris which may affect the performance of control valves

The valve is a WRAS approved product making it the ideal valve for use with domestic pressure reducing valves, thermostatic mixing valves, pumps and showers.

The valve provides the benefits of ensuring the water is filtered and can be isolated, should this be required.

Construction Details

Component	Material	Grade
Body	DZR copper alloy	BS EN 12165 CW602N
End connections	DZR copper alloy	BS EN 12165 CW602N
Ball seat	PTFE	
Ball	Brass - chrome plated	BS EN 12165 CW617N
Stem	Brass	BS EN 12164 CW614N
Stem seal	Nitrile	
Strainer screen	Stainless steel	AISI 304
Check valve cartridge	Polypropylene	
'O' ring	EPDM	

Product Code Size Description

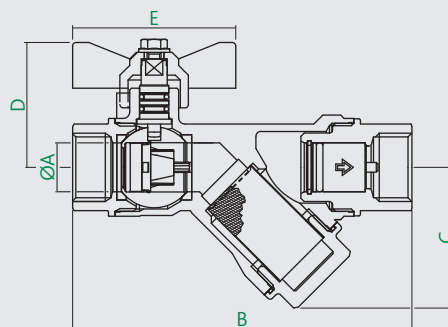
397 Range

119-1003	½"	f x f screwed iron
119-1004	¾"	f x f screwed iron

Technical Data

Max. pressure	10 bar
Min. inlet pressure:	0.1 bar
Max. continuous temperature:	85°C
Strainer mesh size:	400 µ - 0.4 mm
Threaded ends:	BS EN ISO 228 -1
WRAS approved product	

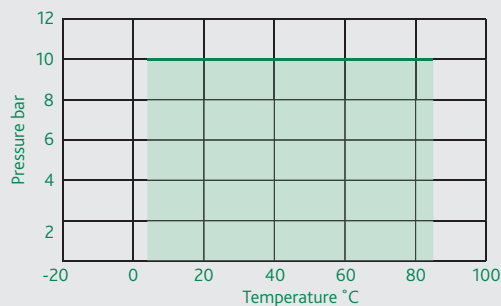
Dimensions



Prod Code	A*	B	C	D	E	kg
119-1003	15	104	43	39	50	0.35
119-1004	15	106.5	43	39	50	0.35

* ½" & ¾" exceeds the full bore and the 1" exceeds the reduced bore diameter circle specified in BS EN 13547.

Pressure - Temperature Diagram



Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW

T: +44 (0)1785 218200 E: sales@altecnic.co.uk

Registered in England No: 2095101

altecnic.co.uk

AL 296 08-02-18

E & O.E

© Altecnic Limited. 2018

ALTECNIC™

altecnic
Caleffi group