



Fig.150W / Fig.150CW Single Check Valves

FEATURES & BENEFITS

- Single check valve is suitable for use in domestic water systems to outlets such as taps, mixers and showers to prevent back flow
- Supplied with compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube or parallel threaded ends complying with BS EN ISO 228-1
- Spring assistance enables valve to be installed in horizontal or vertical pipework (flow in upwards direction)
- WRAS Approved for use with wholesome (potable) water to 60°C



Fig.150CW

MATERIAL SPECIFICATION

Component	Material	Specification BS EN
Fig.150W		
Body	DZR Copper	BS EN 12165 CW602N
Cartridge	Polypropylene	-
'O' Ring	EPDM	-
Fig.150CW		
Body	DZR copper alloy	BS EN 12420 CW602N
Cartridge	Plastic	-
Cartridge Retaining Clip	Stainless steel	AISI 304
'O' ring	NBR rubber	-
Compression Nut	Brass	BS EN 12164 CW614N
Olive	Brass	-

PRESSURE/ TEMPERATURE RATING

PN10, PN16 & PN25 / Threaded up to 90°C & Compression up to 85°C - both are WRAS Approved to 60°C

MAX PRESSURE

10 bar / 16 bar / 25 bar

MIN OPENING PRESSURE

0.01 bar

SPECIFICATION

Fig.150W Sizes:
1/2" - 1" - Threaded PN25

Fig.150W Sizes:
1 1/4" - 2" - Threaded PN16

Fig.150CW:
15mm, 22mm and 28mm - Compression PN10

END CONNECTIONS

Sizes 15 to 28mm: BS EN 1252-2

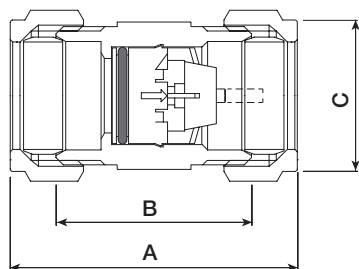
Sizes 1/2" - 2": BS EN ISO 228-1

Design Standard: BS EN 13959

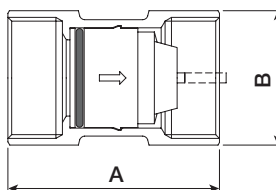
Category 2 as per water supply, Contamination Risks in the Water Fittings Regulations 1999

DIMENSIONAL DRAWING

Compression - Fig.150CW



Threaded - Fig.150W



DIMENSIONS & WEIGHTS

Compression - Fig. 150CW

Nom Size	mm	15	22	28
A	mm	61	65	72
B	mm	45.5	50	56.5
C	mm	22	31.5	39
Weight (approx)	kg	0.10	0.18	0.29
PN Rating		PN10	PN10	PN10

Threaded - Fig. 150W

Nom Size	inch	1/2	3/4	1	1 1/4	1 1/2	2
A	inch	42	50	60	79	83.5	101
B	inch	24	32	38	46	53	64
Weight (approx)	kg	0.06	0.13	0.17	0.41	0.59	0.96
PN Rating		PN25	PN25	PN25	PN16	PN16	PN16