

# 323 ballstop ball valves with integral check valve



## Application

The Altecnic ballstop valve is a ball valve with an integral check valve housed within the ball to provide isolation and prevent backflow.

The valve is a WRAS approved product making it ideal for use in domestic hot and cold water systems.

The ballstop valves is also suitable for use in domestic and small commercial heating systems.

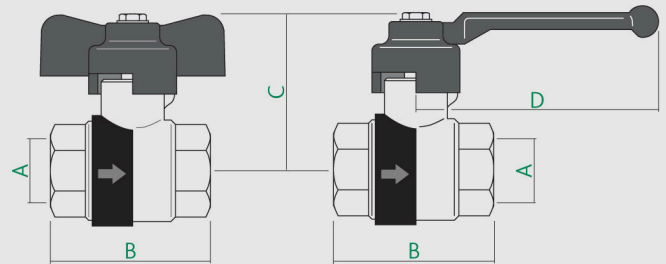
The inclusion of the integral check valve, eliminates the need to fit a separate check valve downstream of the pump whilst the ball valve performs as an isolating valve should the pump need to be removed or the boiler emptied.

## Construction Details

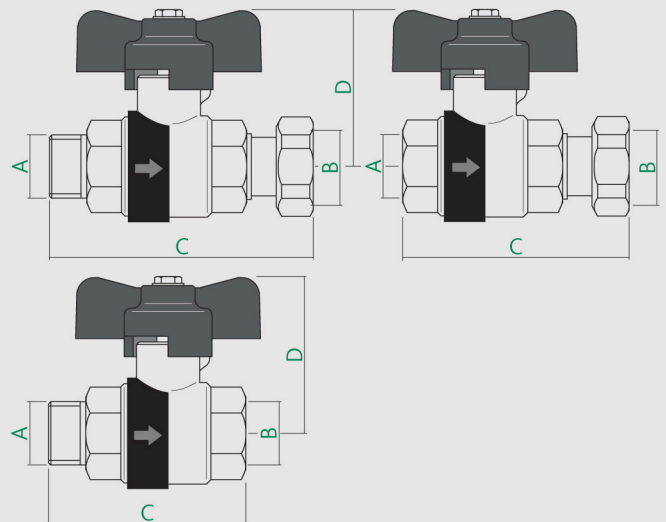
Component	Material	Grade
Body	Brass	BS EN 12165 CW617N
End connection	Brass	BS EN 12165 CW617N
Ball seat	PTFE	
Ball - 1/2" to 1"	Brass - chrome plated	BS EN 12164 CW617N
- 1 1/4" to 2"	Brass - chrome plated	BS EN 12165 CW617N
Gland packing	PTFE	
Check valve	Polymer	
- 1 1/2" & 2"	Brass -chrome plated	BS EN 12164 CW614N
Check valve spring	Stainless steel	
Check valve seal	Nitrile	

Product Code	Size	Connection	Handle Type
<b>323 Range</b>			
323040	1/2"	f x f screwed iron	butterfly
323050	3/4"	f x f screwed iron	butterfly
323060	1"	f x f screwed iron	butterfly
323070	1 1/4"	f x f screwed iron	lever
323080	1 1/2"	f x f screwed iron	lever
323090	2"	f x f screwed iron	lever
<b>330 Range</b>			
332400	1/2"	m x f screwed iron	butterfly
333500	3/4" x 3/4"	f x f sw screwed iron	butterfly
334500	3/4" x 3/4"	m x f sw screwed iron	butterfly

## Dimensions



Prod Code	A	B	C	D	kg
323040	G1/2	51	51		0.28
323050	G3/4	57	53		0.37
323060	G1	70	62		0.55
323070	G1 1/4	83	66	111	1.01
323080	G1 1/2	89	80	149	1.60
323090	G2	110	89	149	2.80



Prod Code	A	B	C	D	kg
332400	G1/2B	G1/2	61	51	0.40
333500	G3/4B	G3/4	73	53	0.42
334500	G3/4	G3/4	73	53	0.42

## Technical Data

Max. Temperature:	90°C
Max. Pressure:	16 bar
Min. Pressure for check valve opening:	2 kPa
Threaded ends complying with:	BS EN ISO 228-1
PED directive classification	Group 2 Liquids

## Kv Value

Size	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
Kv - m <sup>3</sup> /h	4.2	7.0	13.5	24	29	43