

# AI-373 intaball

lever ball valve



altecnic

# AI-373 intaball lever ball valve - compression ends



## Application

The Altecnic Intaball lever ball valve with compression ends is the ideal isolation valve, for use in copper pipe systems.

Suitable for isolating individual outlets, or providing isolation for 'Y' strainers or control valves, should maintenance be required.

In larger systems they can provide isolation on heating, chilled and the primary side of HWS services on zones, branches or floors.

## Design

The Intaball full bore brass ball valves are lever operated through 90°, with bi-directional flow.

Hard chrome plated ball for increased wear resistance.

Compact design, with PTFE body seats for reliable isolation.

Anti blow-out stem.

The valves are designed for high flow rates with minimum pressure drops.

Supplied with compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube.

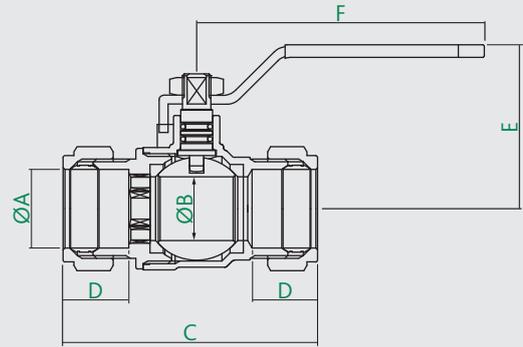
Valve are available with either a red or blue lever sleeve for visual indication of hot or cold service.

## Construction Details

Component	Material	Grade
Body	Brass - nickel plated	BS EN 12165 CW617N
End connection	Brass - nickel plated	BS EN 12165 CW617N
Ball seat	PTFE	
Ball	Brass - chrome plated	BS EN 12164 CW617N
Stem	Brass	BS EN 12164 CW617N
Gland 'O' ring	Nitrile rubber	
Compression nut	Brass	BS EN 12164 CW617N
Olive	Brass	BS EN 12449 CW508LM

Product Code Blue Lever	Product Code Red Lever	Size mm	Compression Nut Tightening Torque Nm
AI-373B15	AI-373R15	15	50
AI-373B22	AI-373R22	22	60
AI-373B28	AI-373R28	28	80
AI-373B35	AI-373R35	35	80
AI-373B42	AI-373R42	42	80
AI-373B54	AI-373R54	54	80

## Dimensions

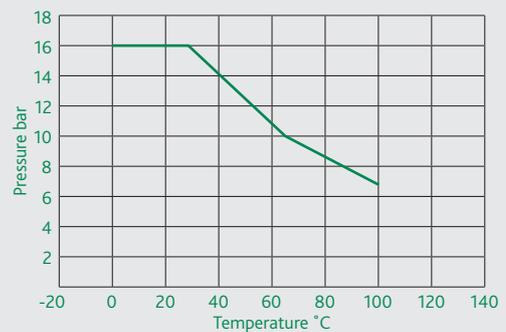


Size	A	B	C	D	E	F	kg
15	15	13.5	62.8	17.7	43	80	0.21
22	22	18	71	18.4	46	80	0.33
28	28	23.5	82	21.4	59.5	115	0.54
35	35	32	104	23.5	70.5	130	0.93
42	42	40	116	25	77	130	1.29
54	54	50	137	29.5	85	150	2.17

## Technical Data

Conforms to:	BS EN 13547
Pressure / Temperature Rating:	BS EN 1254-2
Max. Temperature at 16 bar:	30°C
Max. Temperature at 10 bar:	65°C
Max. Temperature at 6.9 bar:	100°C
WRAS approved product	
PED directive classification Group 2 Liquids SEP	

## Pressure - Temperature Diagram



## Installation

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

Ensure the valve with the correctly coloured lever sleeve is fitted for the service.

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