

AI-0331 & AI-331A intaball

lever ball valves for gas



altecnic
Caleffi group

AI-0331 & AI-331A intaball lever ball valves for gas



Application

The Altecnic Intaball lever ball valve for gas service with threaded ends is the ideal isolation valve, for use in steel pipe systems and with threaded adaptors for a variety of other pipe materials.

Suitable for isolating individual outlets, or providing isolation around gas meters and other equipment, should maintenance be required.

Design

The Intaball full bore ball valves for gas are designed to meet the requirements of BS EN 331:2015.

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 parallel threaded ends complying with BS EN ISO 228-1

Valve are supplied with a yellow lever sleeve for visual indication of gas 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 12165 CW617N
Stem	Brass	BS EN 12164 CW617N
Gland 'O' ring	Viton rubber	

Product Code	Size	Connection
331 Range		
AL-033103	3/8"	f x f screwed iron
AL-033104	1/2"	f x f screwed iron
AL-033105	3/4"	f x f screwed iron
AL-033106	1"	f x f screwed iron
AL-033107	1 1/4"	f x f screwed iron
AL-033108	1 1/2"	f x f screwed iron
AL-033109	2"	f x f screwed iron
AL-331A05	3/4"	m x f screwed iron
AL-331A06	1"	m x f screwed iron

Installation

Valves are simple to install with just two joints to make but must be installed by a suitably qualified engineer.

For gas service ensure a valve with a yellow lever sleeve is fitted

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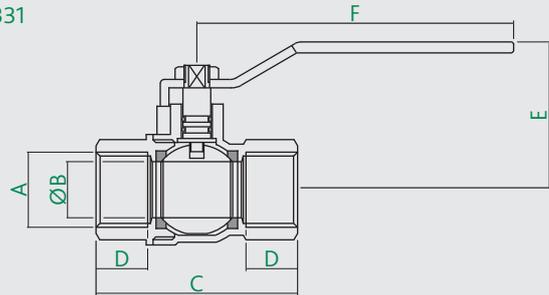
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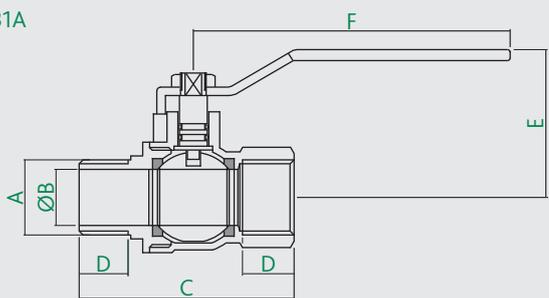
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Dimensions

AI-0331



AI-331A



Size	A	B*	C	D	E	F	kg
3/8"	G3/8	12	48	12	42.5	90	0.15
1/2"	G1/2	15	62	17	44	90	0.23
3/4"	G3/4	20	70	18.5	52.5	110	0.41
1"	G1	25	82	21	57	110	0.58
1 1/4"	G1 1/4	32	89	22	66	115	0.99
1 1/2"	G1 1/2	40	109	22	73.5	115	1.43
2"	G2	47	125	26	84	150	2.10
3/4"	G3/4B	20	79	18.5	57	115	0.41
1"	G1B	25	91.5	21	61	115	0.58

* exceeds the full bore diameter circle specified in BS EN 13547.

Technical Data

Conforms to:	BS EN 13547
Approved to:	BS EN 331:2015
Temperature Range to BS EN 331:2015	-20 to 60°C
Max. Pressure	5 bar (MOP 5)
PED directive classification Group 1 Gas SEP.	
Approved for gas families 1, 2 and 3.	

Pressure - Temperature Diagram

