

AI-331Y intaball

ball valve with butterfly handle
and compression ends



**UK
CA**
0086

CE
2797



altecnic

AI-331Y butterfly handle ball valve for gas - compression ends



Application

The Altecnic Intaball ball valve with butterfly handle for gas service and compression ends is the ideal isolation valve, for use in copper pipe systems. Suitable for isolating individual outlets, or providing isolation around gas meters and other equipment, should maintenance be required. The butterfly handle is ideal for use where space is restricted.

Design

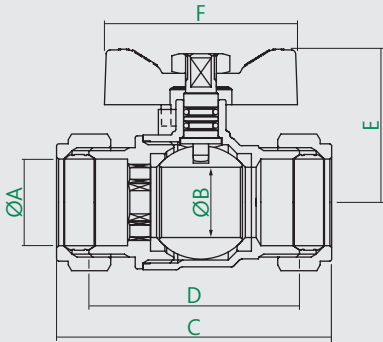
The Intaball full bore brass ball valves for gas are butterfly handle operated through 90°, with bi-directional flow. Hard chrome plated ball for increased wear resistance. Compact design, with PTFE body seats for reliable isolation. Anti blow-out stem. The valves are designed for high flow rates with minimum pressure drops. Supplied with compression ends complying with BS EN 1252-2 for use with R250 (half hard) copper tube. Valve are 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 12164 CW617N
Stem	Brass	BS EN 12164 CW617N
Gland 'O' ring	Viton rubber	
Butterfly handle	Aluminium	
Compression nut	Brass	BS EN 12164 CW617N
Olive	Brass	BS EN 12149 CW508LM

Ref No	Size	Connections
AI-331Y15	15mm	comp. x comp
AI-331Y22	22mm	comp. x comp
AI-331Y28	28mm	comp. x comp

Dimensions

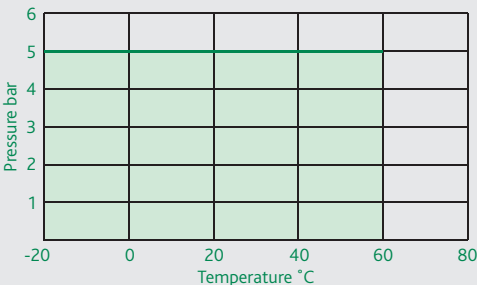


Size	A	B	C	D	E	F	kg
DN15	15	13.5	63	45.6	36.5	50	
DN20	22	18	71	54.5	39	50	
DN25	28	23.5	82	64.5	51.5	60	

Technical Specification

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



Installation

The valves are easy to install with just two compression joints to make but must be installed by a suitably qualified engineer. For gas service ensure a valve with a yellow handle is fitted.

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