



altecnic



Application

The Altecnic Intaball lever ball valve 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 for 'Y' strainers or control valves, should maintenance be required.

In larger systems they can provide isolation on heating, the primary side of HWS and cold water services and many industrial applications including air and non corrosive liquids.

Design

The Intaball 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

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

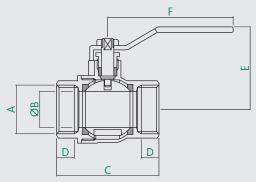
Supplied with parallel threaded ends complying with BS EN ISO 228-1

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

Construction Details

Component Body End connection Ball seat			ckel plated ckel plated		Grade BS EN 12165 CW617N BS EN 12165 CW617N		
Ball		Brass - chrome plated			BS EN 12164 CW617N		
Stem		Brass			BS EN 12164 CW614N		
Stem retaining ring		Brass			BS EN 12164 CW614N		
Gland packing		PTFE					
Product Code Blue Lever		ıct Code I Lever	Size		Connection		
171 Range							
Al-171B02	Al-1	71R02	1/4"	fx	f screwed iron		
Al-171B03	Al-1	71R03	3/8"	fx	f screwed iron		
Al-171B04	Al-1	71R04	1/2"	fx	f screwed iron		
Al-171B05	Al-1	71R05	3/4"	fx	f screwed iron		
Al-171B06	Al-1	71R06	1"	fx	f screwed iron		
Al-171B07	Al-1	171R07	1¼"	fx	f screwed iron		
Al-171B08	Al-1	71R08	11/2"	fx	f screwed iron		
Al-171B09	Al-1	71R09	2"	fx	f screwed iron		
Al-171B10	Al-1	171R10	21/2"	fx	f screwed iron		
Al-171B11	Al-	171R11	3"	f x	f screwed iron		
Al-171B12	Al-1	171R12	4"	fx	f screwed iron		

Dimensions



Size	Α	В*	С	D			kg
1/4"	G1⁄4	10	42	9.5	44	90	0.12
3/8"	G ³ /8	10	42	9.5	44	90	0.12
1/2"	G1/2	15	49	10.5	46	90	0.18
3/4"	G3⁄4	20	58	12.5	50	90	0.25
1"	G1	25	70	15	56	110	0.46
11/4"	G11⁄4	32	81	17	70	115	0.66
11/2"	G1½	40	92	17.5	75	115	0.98
2"	G2	49	106	18	85	150	1.64
21/2"	G21/2	60	138	26	116	203	3.06
3"	G3	74	162	27	132	280	4.8
4"	G4	94	181	28	150	280	7.8

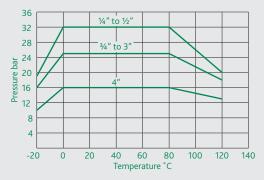
^{*} $\frac{1}{2}$ " to 2" exceeds the full bore and the 2½" to 4" exceeds the reduced bore diameter circle specified in CEN/ 13547.

Technical Data

Conforms to:		CEN/TS 13547
Max. Temperatu	120°C	
Max. Pressure	Sizes ¼" to ½":	32 bar
	Sizes ¾" to 3":	25 bar
	Size 4":	16 bar

PED directive classification Group 2 Liquids Sizes $\frac{1}{4}$ " to 2" SEP, $\frac{2}{2}$ " to 4" Cat I

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.

E & O.E

Altecnic Ltd Mustang Drive, Stafford, Staffordshire ST16 1GW T: +44 (0)1785 218200 E: sales@altecnic.co.uk
Registered in England No: 2095101

