

Lever Ball Valves



171 intaball lever ball valve - threaded ends



Application

The 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

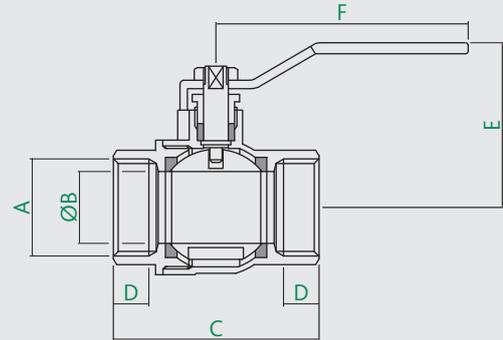
Component	Material	Grade
Body	Brass - nickel plated	BS EN 12165 CW617N
End connection	Brass - nickel plated	BS EN 12165 CW617N
Ball seat	PTFE	
Ball	Brass - chrome plated	BS EN 12164 CW617N
Stem	Brass	BS EN 12164 CW614N
Stem retaining ring	Brass	BS EN 12164 CW614N
Gland packing	PTFE	

Product Code Blue Lever	Product Code Red Lever	Size	Connection
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171 Range

AL-171B02	AL-171R02	¼"	f x f screwed iron
AL-171B03	AL-171R03	⅜"	f x f screwed iron
1779-010	AL-171R04	½"	f x f screwed iron
1779-011	AL-171R05	¾"	f x f screwed iron
1779-012	AL-171R06	1"	f x f screwed iron
1779-013	AL-171R07	1¼"	f x f screwed iron
1779-014	AL-171R08	1½"	f x f screwed iron
1779-015	AL-171R09	2"	f x f screwed iron
1779-016	AL-171R10	2½"	f x f screwed iron
1779-017	AL-171R11	3"	f x f screwed iron
1779-018	AL-171R12	4"	f x f screwed iron

Dimensions



Size	A	B*	C	D	E	F	kg
¼"	G¼	10	42	9.5	44	90	0.12
⅜"	G⅜	10	42	9.5	44	90	0.12
½"	G½	15	49	10.5	46	90	0.18
¾"	G¾	20	58	12.5	50	90	0.25
1"	G1	25	70	15	56	110	0.46
1¼"	G1¼	32	81	17	70	115	0.66
1½"	G1½	40	92	17.5	75	115	0.98
2"	G2	49	106	18	85	150	1.64
2½"	G2½	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

* ¼" 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. Temperature: 120°C

Max. Pressure Sizes ¼" to ½": 32 bar

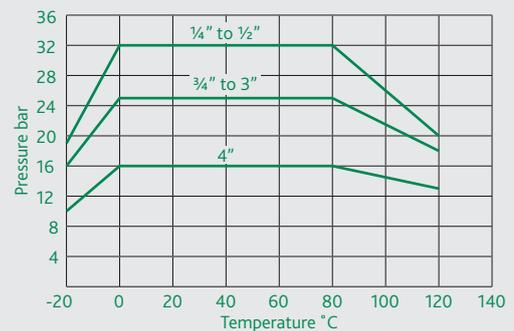
Sizes ¾" to 3": 25 bar

Size 4": 16 bar

PED directive classification Group 2 Liquids

Sizes ¼" to 2" SEP, 2½" 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.