

D171

Bronze Ball Valve

**D171EXS**

Extended Stem Bronze Ball Valve

PN25

Features & Benefits

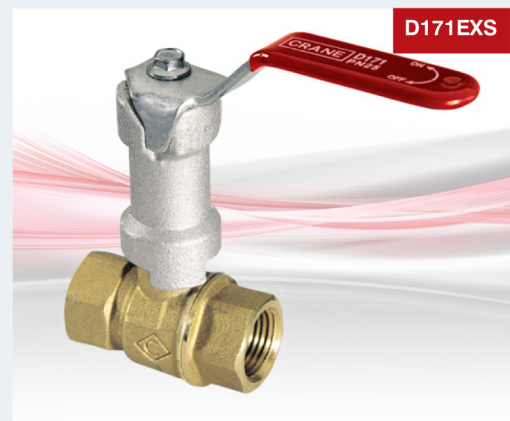
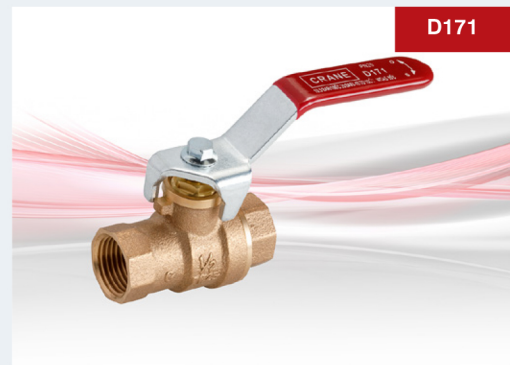
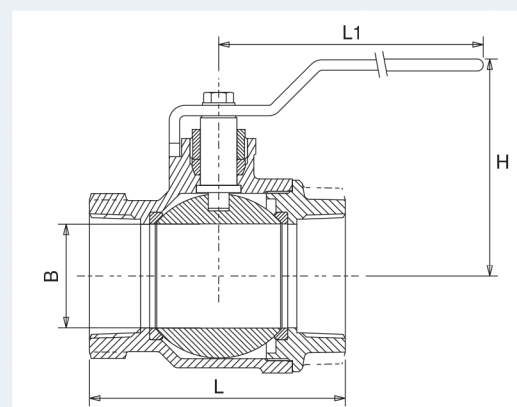
- **D171** Ball Valves are light, compact units which are easy to install and operate, yet their robust construction ensures long, trouble free service life.
- **D171** and **D171EXS** are WRAS approved for use on hot and cold water systems up to 85°C.
- Extension stem (EXS) to enable valve operation whilst the valve and associated pipework is surrounded with insulation or if the valve is in a hard to access area.
- Conforms to BS EN 13547

Materials

PART	MATERIAL	SIZES
Body	Bronze BS EN 1982 CC491K	All
Seat Retainer	Bronze BS EN 1982 CC491K	All
Ball	DZR Brass BS EN 12165 CW602N (Chrome Plated)	1/2 - 1
Ball	Bronze BS EN 1982 CC491K (Chrome Plated)	1 1/4 - 3
Seat Ring	PTFE	All
Stem	DZR Brass BS EN 12164 CW602N	All
Packing	PTFE	All
Gland Nut	DZR Brass BS EN 12164 CW602N	1/4 - 2
Lever	Mild Steel (Zinc Plated)	All
Screw	Mild Steel (Zinc Plated)	All
Lever Cover	PVC	All
Extension Housing	Aluminium	D171EXS
Extension Stem	Brass BS EN 12164 CW617N	D171EXS

Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	WEIGHT (EXS) (kg)	L (mm)	B (mm)	H (mm)	H (EXS) (mm)	L1 (mm)	KV
1/4	0.15	-	46	10.0	39	-	81	11
3/8	0.15	-	46	10.0	39	-	81	11
1/2	0.24	0.30	55	13.2	52	95	92	20
3/4	0.40	0.47	64	18.0	56	99	92	47
1	0.60	0.69	77	24.1	66	128	127	77
1-1/4	0.86	1.00	91	31.0	72	134	127	141
1-1/2	1.37	1.55	103	39.0	82	151	142	198
2	2.23	2.30	122	50.0	90	159	142	338
2-1/2	4.98	-	153	65.0	117	-	202	593

**Dimensional Drawing****Pressure/Temperature Ratings****Threaded**

TEMPERATURE (°C)	-10 to 100	110	120	186
PRESSURE (BAR)	25.0	23.4	21.8	10.5

Intermediate pressure ratings shall be determined by interpolation.

PRESSURE RATING: PN25**TEMPERATURE OPERATING RANGE:** -10 To 186°C**UK END CONNECTION:** Taper Threaded To BS EN 10226-2 (Iso 7-1) Formerly BS 21**US END CONNECTION:** ANSI B1.20.1 (please add suffix AT to denote American Thread)**OPERATOR:** Lever

SPECIFICATION: Bronze (CC491K) Body Ball Valve, in accordance to BS EN 13547, two-piece construction, Floating Chrome Plated DZR(CW602N) / Bronze(CC491K) Ball, Anti Blow-out stem, PTFE seats, Threaded Ends, PN25 Rated. Suitable for use on Group 2 Gas, Group 1 and Group 2 Liquids as defined by Pressure Equipment Directive 2014/68/EU, and Pressure Equipment (Safety) Regulations 2016, as amended.* Not suitable for use on Group 1 Gases or unstable liquids.

*see Quality Assurance page for more information

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