

# D171

Bronze Ball Valve



D171

# D171EXS

Extended Stem Bronze Ball Valve

PN25

### Features & Benefits

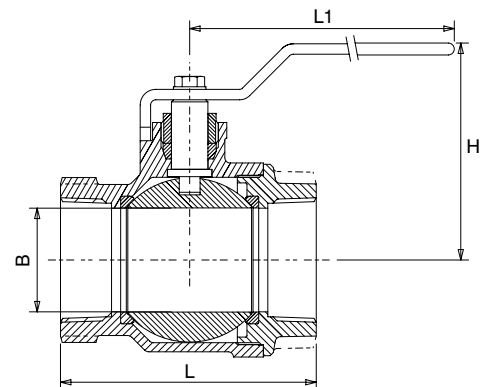
- **D171** Ball Valves are light, compact units which are easy to install and operate, yet their robust construction ensures long, trouble free service life.
- **D171** and **D171EXS** are WRAS approved for use on hot and cold water systems up to 85°C.
- Extension stem (EXS) to enable valve operation 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 CW602N	D171EXS



### Dimensional Drawing



### 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	57	14.0	54	104	92	20
3/4	0.40	0.47	67	18.1	58	108	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
3	8.75	-	179	80.0	132	-	282	820

### 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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