D171 / D171EXS

Bronze Ball Valve/Extended Stem Bronze Ball Valve

WRAS

D171

D171EXS

C C1

SCREWED BS EN 10226

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.

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)	All	
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	

Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)	C (mm)	C1 (mm) D171EXS	D (mm)
1/4	0.15	46	10	39	-	81
³ /8	0.15	46	10	39	-	81
¹ / ₂	0.22	57	15	52	97	92
3/4	0.45	67	20	58	98	92
1	0.69	77	25	66	118	127
1 ¹ / ₄	1.12	91	32	72	124	127
1 ¹ / ₂	1.67	103	40	82	142	142
2	2.93	122	50	90	149	142
2 ¹ / ₂	4.98	153	65	117	-	202
3	8.75	179	80	132	-	282

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: Quarter Turn, Tight Shut-Off. This Valve Is Not Suitable For Use On Group 1 Gases Or Unstable Fluids, as defined by the Pressure Equipment Directive 2014/68/EU.*

* See page 155 for more information

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Dimensional Drawing

А

Pressure/Temperature Ratings

Intermediate pressure ratings shall be determined by

-10 to 100

25.0

110

23.4

120

21.8

186

10.5

B BORE

Threaded

interpolation.

TEMPERATURE (°C)

PRESSURE (BAR)