

**D171A**

Threaded DZR Ball Valve

**D171AEXS**

Threaded DZR Ball Valve with Extension Stem

PN25

**Features & Benefits**

- Designed to be light, compact and easy to install and operate
- Features improved leak resistance and reduced risk of damage from over tightening
- WRAS Approved 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	QUANTITY
Hex-Nut	Stainless Steel	1
Lever	Steel Dacromet Plated	1
Sleeve	Maroon PVC	1
Packing Nut	Brass CW614N	1
Packing Gland	PTFE WRAS approved	1
Body	DZR Brass BS EN 12165 CW602N	1
Seats	PTFE WRAS approved	2
Ball (1/2 – 2")	Stainless Steel 304 BS EN 10088-3 1.4301 / AISI 304	1
O-Ring	Rubber EPDM WRAS approved	1
Seat Retainer	DZR Brass BS EN 12165 CW602N	1
Stem	DZR Brass BS EN 12164 CW602N	1
Extension Stem Outer	Aluminium	1
Extension Stem Inner	Nickel Plated Steel	1
Adjustment Lever	Brass CW617N	1
Stem O-Ring	Rubber EPDM WRAS approved	1

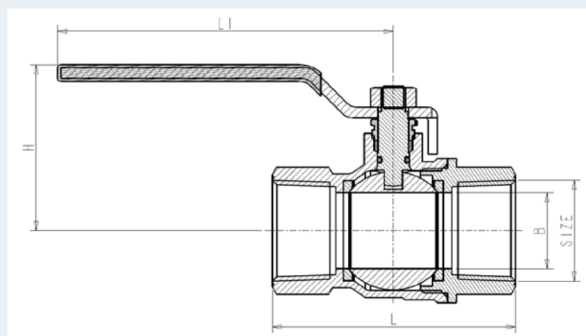
**Dimensions & Weights**

SIZE (inch)	WEIGHT (A) (kg)	WEIGHT (AEXS) (kg)	L (mm)	B (mm)	H (A) (mm)	H (AEXS) (mm)	L1 (mm)	KV
1/2	0.252	0.308	58.9	15.0	43.5	107.2	96	31
3/4	0.389	0.456	66.9	20.0	50.5	116.2	111	45
1	0.579	0.646	80.4	25.0	54.2	119.9	111	63
1-1/4	0.917	1.005	94	32.0	73.5	137.2	141	102
1-1/2	1.252	1.339	102	40	79	142.7	141	375
2	2.080	2.212	124	50	96.5	163.2	166	420

**PRESSURE RATING:** PN25**TEMPERATURE OPERATING RANGE:** -10 to 120°C**UK END CONNECTION:** Taper threaded to BS EN 10226-2 (ISO 7-1) formerly BS 21**US END CONNECTION:** ANSI B1.20.1:1983 (please add suffix AT to denote American Thread)**OPERATOR:** Lever

**SPECIFICATION:** DZR Brass (CW602N) Body Ball Valve, in accordance to BS EN 13547, two-piece construction, Floating Stainless Steel SS304 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, as amended.\* Not suitable for use on Group 1 Gases or unstable liquids.

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**D171A****D171AEXS****Dimensional Drawing**

All dimensions are nominal.

**Pressure/Temperature Ratings****Threaded**

TEMPERATURE (°C)	-10 to 100	120
PRESSURE (BAR)	25	21.8

Intermediate pressure ratings shall be determined by interpolation.