

# D171A

Threaded DZR Ball Valve



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# D171AEXS

Threaded DZR Ball Valve with Extension Stem

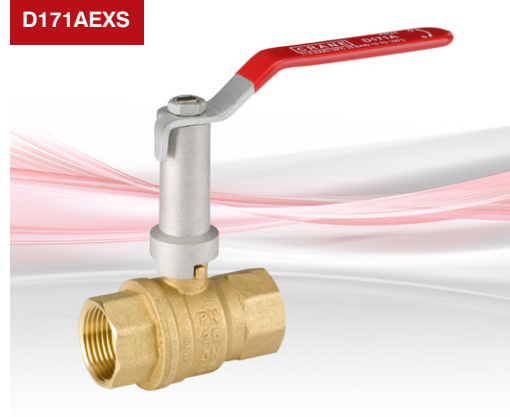
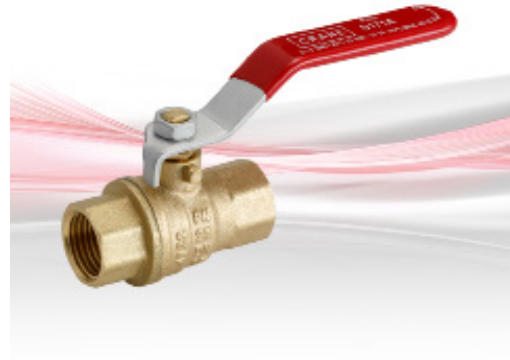
PN25

### Features & Benefits

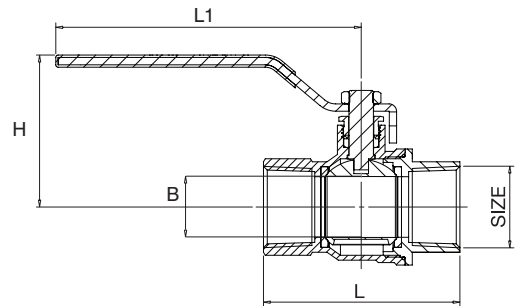
- Designed to be light, compact and easy to install and operate
- Features improved leak resistance and reduced risk of damage from over tightening
- WRAS Approved to 85°C
- Extension stem (EXS) to enable valve operation whilst the valve and associated pipework is surrounded with insulation or if the valve is in a hard to access area.
- Conforms to BS EN 13547

### Materials

PART	MATERIAL	QUANTITY
Hex-Nut	Steel Plated	1
Lever	Steel Dacromet Plated	1
Sleeve	Maroon PVC	1
Packing Nut	Brass BS EN 12164 CW617N	1
Packing Gland	PTFE WRAS approved	1
Body	DZR Brass BS EN 12165 CW602N	1
Seats	PTFE WRAS approved	2
Ball (1/4 – 1")	DZR Brass Chrome Plated BS EN 12165 CW602N	1
Ball (1.1/4 – 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	Zinc Plated Steel	1



### Dimensional Drawing



All dimensions are nominal.

### Dimensions & Weights

SIZE (inch)	WEIGHT (A) (kg)	WEIGHT (AEXS) (kg)	L (mm)	B (mm)	H (A) (mm)	H (AEXS) (mm)	L1 (mm)	KV
1/4	0.152	-	46	8.0	40.9	-	89	11
3/8	0.136	-	46	10.0	40.9	-	89	11
1/2	0.209	0.268	59	15.0	48.3	103.8	98.5	31
3/4	0.308	0.364	67	20.0	51.8	107.3	98.5	45
1	0.52	0.597	80.4	25.0	62.7	116.2	125	63
1-1/4	0.835	0.948	94	32.0	79	130	140	102
1-1/2	1.139	1.252	102	39.5	84.8	135.8	140	375
2	1.924	2.066	124	50	97.5	150	165	420

### Pressure/Temperature Ratings

#### Threaded

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

Intermediate pressure ratings shall be determined by interpolation.

**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 Chrome Plated DZR(CW602N) Ball/ Floating Stainless Steel 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.

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