

D151 PN20



Bronze Gate Valve

Crane gate valves offer the ultimate in dependable service wherever minimum pressure drop is important. The D151 carries the British Standards Institution kitemark - your assurance of exacting quality standards. In addition the D151 is WRAS approved.

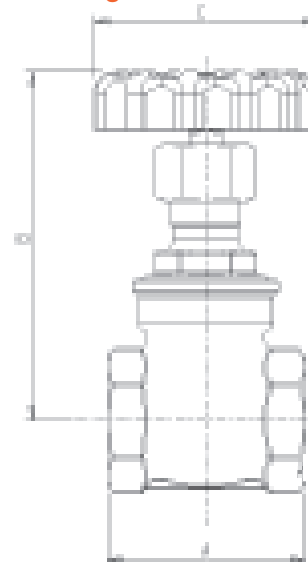
Materials

PART	MATERIAL	SIZES
Body	Bronze BS EN 1982 CC491K	All
Bonnet	Bronze BS EN 1982 CC491K	All
Stem	DZR Brass BS EN 12164 CW602N	1/4 - 3
Stem	Manganese Bronze	4
Disc	Bronze BS EN 1982 CC491K	All
Stem Retainer	DZR Brass BS EN 12164 CW602N	1/2 - 2
Stuffing Box	DZR Brass BS EN 12164 CW602N	1/4, 3/8, 2 1/2 & 3
Stuffing Box	Bronze BS EN 1982 CC491K	4
Packing	Asbestos Free	All
Packing Gland	Brass BS EN 12164 CW614N	1/4, 3/8, 1 - 3
Packing Gland Nut	Brass BS EN 12164 CW614N	1/2 & 3/4
Packing Gland	Bronze BS EN 1982 CC491K	4
Packing Nut	Brass BS EN 12164 CW614N	1/4 - 3
Packing Nut	Bronze BS EN 1982 CC491K	4
Hand Wheel	Aluminium	1/4 - 3
Hand Wheel	Malleable Iron BS EN 1562 GJMB-300-6	4
ID. Plate	Aluminium	All
Hand Wheel Nut	Brass BS EN 12164 CW614N	All
Gasket	Asbestos Free	3 - 4



D151

Dimensional Drawing



Dimensions and Weights

SIZE	WEIGHT (kg)	A (mm)	B (mm)	C (mm)
1/4 ^{II}	0.27	46	75	45
3/8 ^{II}	0.26	46	75	45
1/2 ^{II}	0.269	50	73	52.5
3/4 ^{II}	0.384	54	84	60
1 ^{II}	0.593	62	104	65
1 1/4 ^{II}	0.844	71	113	70
1 1/2 ^{II}	1.266	77.5	130	78
2 ^{II}	1.881	87.5	153	92
2 1/2 ^{II}	4.37	96	219	103
3 ^{II}	6.4	105	259	121
4 ^{II}	19.7	162	366	203

Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 100	180
PRESSURE (BAR)	20	9

Intermediate pressure ratings shall be determined by interpolation

PRESSURE RATING: PN20

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: Hand Wheel

Gate valves are best for services that require infrequent valve operation, and where the disc is kept either fully opened or fully closed. They are not practical for throttling.

SPECIFICATION:

Solid wedge disc, non-rising stem, screwed in bonnet. Valves are manufactured in accordance with BS EN 12288: 2010 PN20 series B and are BSI Kitemark approved. This valve is not suitable for use on group 1 gasses or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC. Temperature operating range: -10 to 180°C.

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