

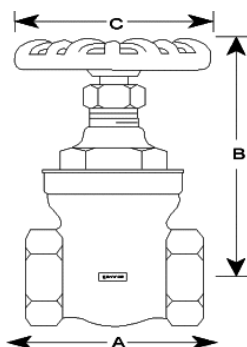
PN20 Bronze Gate Valve

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.

Bill of Materials

Sequence	Description	Material	Sizes
1	Body	Bronze BSEN1982 CC491K	All
2	Bonnet	DZR Brass BSEN12165 CW602N	1/4 - 2
2	Bonnet	Bronze BSEN1982 CC491K	2.1/2 to 4
3	Stem	DZR Brass BSEN12164 CW602N	1/4 - 2
3	Stem	Brass BSEN12164 CW614N	2.1/2 & 3
3	Stem	Manganese Bronze	4
4	Disc	Bronze BSEN1982 CC491K	All
5	Stuffing Box	DZR Brass BSEN12164 CW602N	1/4 - 2
5	Stuffing Box	Brass BSEN12165 CW617N	2.1/2 & 3
5	Stuffing box	Bronze BSEN1982 CC491K	4
6	Packing	Asbestos Free	All
7	Packing Gland	Brass BSEN12164 CW614N	1/4 - 3
7	Packing Gland	Bronze BSEN1982 CC491K	4
8	Packing Nut	Brass BSEN12164 CW614N	1/4 - 3
8	Packing Nut	Bronze BSEN1982 CC491K	4
9	Handwheel	Aluminium	1/4 - 3
9	Handwheel	Malleable Iron BSEN1562 GJMB-300-6	4
10	ID. Plate	Aluminium	All
11	Handwheel Nut	Brass BSEN12164 CW614N	All
12	Gasket	Asbestos Free	3 & 4

**Dimensional Drawing****Dimensions and Weights**

Size	Weight (kg)	A (mm)	B (mm)	C (mm)
1/4"	0.27	46	75	45
3/8"	0.26	46	75	45
1/2"	0.35	51	82	52
3/4"	0.55	55	95	65
1"	0.84	63	118	70
1.1/4"	1.18	71	144	79
1.1/2"	1.66	73	166	92
2"	2.55	83	190	103
2.1/2"	4.37	96	219	103
3"	6.4	105	259	121
4"	19.7	162	366	203

Pressure Rating: PN20

UK End Connection: BS21 Taper

US End Connection: ANSI B1.20.1

Operating Instructions:

Handwheel Operated.

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

Specification:

Solid wedge disk, non-rising stem, screwed in bonnet.

Valves are manufactured in accordance with BS5154 PN20 series B and are BSI Kitemark approved.

Valves having ANSI threads generally conform to MSS SP-80.

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 degrees celsius.

Available Options:

P150 locking device..