

## PN16\* Malleable Iron Clamp Gate Valve

Crane gate valves offer the ultimate in dependable service wherever minimum pressure drop is important.

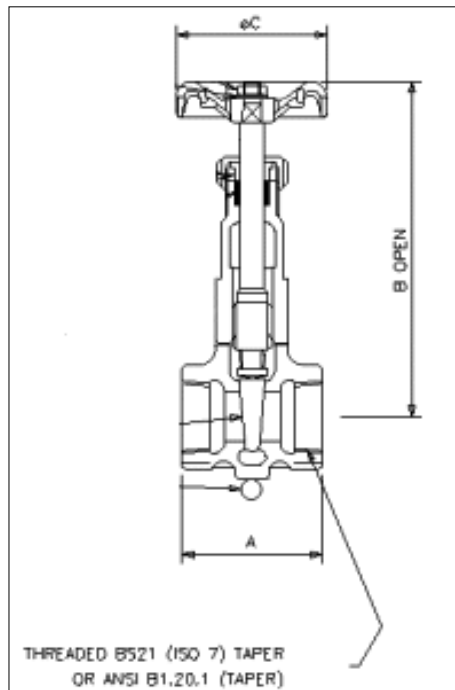
\*Sizes 2.1/2" - 4" PN12

### Materials

Part	Material	Size
1 Body	Malleable Iron BS EN 1562 GJMB-300-6	All
2 Bonnet	Malleable Iron BS EN 1562 GJMB-300-6	All
3 Disc	Malleable Iron BS EN 1562 GJMB-300-6	All
4 Stem	Steel BS970 230M07 Nickel Plated	All
5 Packing	Asbestos Free	All
6 Gland	Steel BS970 230M07 Nickel Plated	All
7 Packing Nut	Malleable Iron BS EN 1562 GJMB-300-6	All
8 Gasket	Asbestos Free	All
9 'U' Bolt	Steel BS970 Pt.1 070M20	All
9 'U' Bolt Nuts	Steel BS1768	All
10 ID. Plate	Aluminium	All
10 ID. Plate	Aluminium	All
11 Handwheel Nut	Steel BS1768	All
11 Handwheel Nut	Steel BS1768	All
12 Handwheel	Malleable Iron BS EN 1562 GJMB-300-6	All
12 Handwheel	Malleable Iron BS EN 1562 GJMB-300-6	All



### Dimensional Drawing



### Dimensions and Weights

Size	Weight (kg)	A (mm)	B (mm)	C (mm)
1/2"	0.8	52	129	52
3/4"	1.1	59	157	65
1"	1.6	65	188	70
1.1/4"	2.6	73	226	78
1.1/2"	3.2	80	253	92
2"	5.1	92	295	103
2.1/2"	9	105	328	121
3"	10.5	116	390	152
4"	23.7	141	502	229

### 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

Valves are manufactured generally in accordance with BS 5150. Clamp Pattern, Wedge Disk, Rising Stem Inside Screw, Iron Trim. 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: Sizes 1/2" to 2" -10 to 186 degrees celsius. Sizes 2.1/2" to 4" -10 to 180 degrees celsius.

**Pressure Rating:** PN16

**UK End Connection:** Not Specified

**US End Connection:** ANSI B1.20.1