

F84

Class 125

Cast Iron Gate Valve

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

Each valve is manufactured in accordance with BS 5150: 1990.

Materials

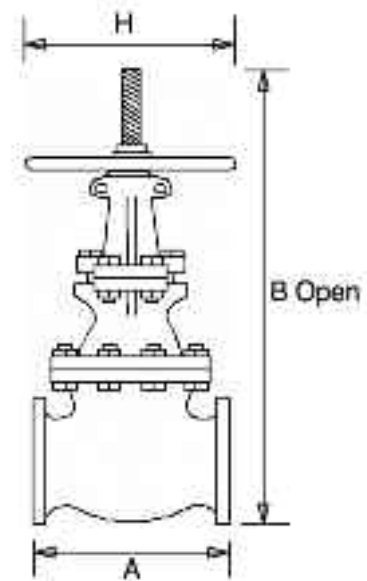
PART	MATERIAL	SIZES
Body	Cast Iron BS EN 1561 GJL-250	All
Bonnet	Cast Iron BS EN 1561 GJL-250	All
Disc	Bronze BS EN 1982 CC491K	2 - 4
Disc	Cast Iron BS EN 1561 GJL-250	5 - 12
Stem	Brass BS EN 12163 CW721R	2 - 4
Stem	Brass JIS - H3250 Gr.6872	5 - 12
Body Seat Ring	Bronze BS EN 1982 CC491K	All
Disc Ring	Bronze BS EN 1982 CC481K	5 - 12
Yoke	Cast Iron BS EN 1561 GJL-250	5 - 12
Yoke Hub Bolts/Nuts	Steel BS 4190 Gr.4.6/4	5 - 12
Yoke Pad Bolts/Nuts	Steel BS 4190 Gr.4.6/4	5 - 12
Yokesleeve	Manganese Bronze ASTM B584-C86400	2 - 4
Yokesleeve	Bronze BS EN 1982 CC491K	5 - 12
Yokesleeve Ret'g Nut	Malleable Iron BS EN 1562 GJMB-300-6	2 - 4
Yokesleeve Nut	Malleable Iron BS EN 1562 GJMB-300-6	2 - 4
Yokesleeve Nut	Ductile Iron ASTM A536 65-45-12	5 - 12
Gland	Malleable Iron BS EN 1562 GJMB-300-6	2 - 4
Gland	Cast Iron BS EN 1561 GJL-250	5 - 12
Gland Flange	Ductile Iron ASTM A536 65-45-12	5 - 12
Packing	Asbestos Free	All
Gasket	Asbestos Free	All
Handwheel	Malleable Iron BS EN 1562 GJMB-300-6	All
Body Plate	Aluminium	All



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General Valves

Dimensional Drawing



Dimensions & Weights

SIZE (inch)	WEIGHT (kg)	A (mm)	B (mm)	H (mm)
2	21.5	178	399	203
2 1/2	24.8	190	432	203
3	29.5	203	469	203
4	42.7	229	566	229
5	72.3	254	714	305
6	88.1	267	813	305
8	140	292	1013	356
10	225	330	1257	406
12	314	356	1454	457

Pressure/Temperature Ratings

TEMPERATURE (°C)	-10 to 65	230	Intermediate pressure ratings shall be determined by interpolation.
PRESSURE (BAR)	13.8	8.6	

PRESSURE RATING: Class 125

TEMPERATURE OPERATING RANGE: -10 to 230°C

US END CONNECTION: ANSI Flanged

OPERATOR: Handwheel.

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: Valves meet the requirements of MSS.SP-70: 1998.

End flanges conform to BS 1560 Section 3.2/ANSI B16.1. Class 125 with flat face and are normally supplied drilled. Wedge Disc, Rising Stem, Outside Screw and Yoke.

This valve is not suitable for use on group 1 gases or unstable fluids, as defined by the Pressure Equipment Directive 97/23/EC.

Valves tested in accordance with BS EN 12266-1: 2003.

AVAILABLE OPTIONS: Flanges Undrilled

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