

Cast Iron Gate Valves

Bronze Trim

Bolted Flanged Bonnet, Flanged Ends, Class 125



Features

Sure Flow Cast Iron ASTM A126 Class B Gate Valves are Class 125 with Bronze Trim. The rising stem wedge gate meets MSS-SP70 specifications.

Gate Valves are designed to be either in a fully open or fully closed position. Throttling is not recommended. Providing full flow in the completely open position, a minimum pressure drop occurs. When throttling is required, a globe valve is preferred with a sacrifice of pressure drop.

The positive guiding motion of the Sure Flow Gate Valve allows the valve to be installed in any position in a pipeline, but it is suggested to install in the vertical position if possible.

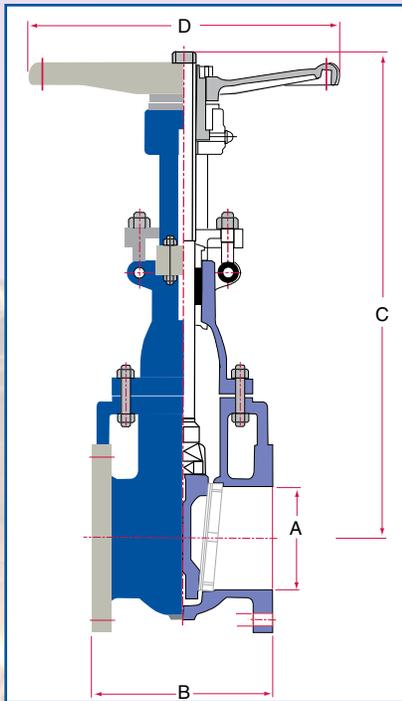
The usage of Sure Flow Gate Valves is limitless in commercial and industrial applications of water, steam, gases and general piping. Gate Valves are not recommended for applications of slurry or abrasive service.

Construction

Cast Iron Body, cover, high tensile ASTM A126 CL.B, Bronze Trim
ASTM B16 (Brass) Rising Stem, Teflon Packing

Operating Pressures and Temperatures

Type	Size	PSI @ Temp Steam*	PSI @ Temp WOG
GA125CIB	2" - 12"	125 @ 344°F	200 @ 150°F
GA125CIB	14" - 24"	100 @ 338°F	150 @ 150°F



Dimensional Data

Size Inches	Prefix	A	B	C	D	Shipping Weight (lbs)
3	0300	3	8	15 1/4	7 7/8	84
4	0400	4	9	19 5/16	10	132
6	0600	6	10 1/2	26 7/8	11 13/16	236
8	0800	8	11 1/2	31 13/16	13 9/16	372
10	1000	10	13	39 3/4	15 3/4	576
12	1200	12	14	42 1/2	17 11/16	832
14	1400	14	15	49 1/2	19 7/8	1,206
16	1600	16	16	54 1/2	21 7/8	1,505
18	1800	18	17	60 13/16	24	1,941
20	2000	20	18	66 7/16	24	2,614
24	2400	24	20	92 3/16	27 9/16	3,540

Ordering Information

Example: Include full description

Size Model
(Prefix) Number

0400 - GA125CIB

4" Gate Valve, Cast Iron, 125# ANSI
Flanges

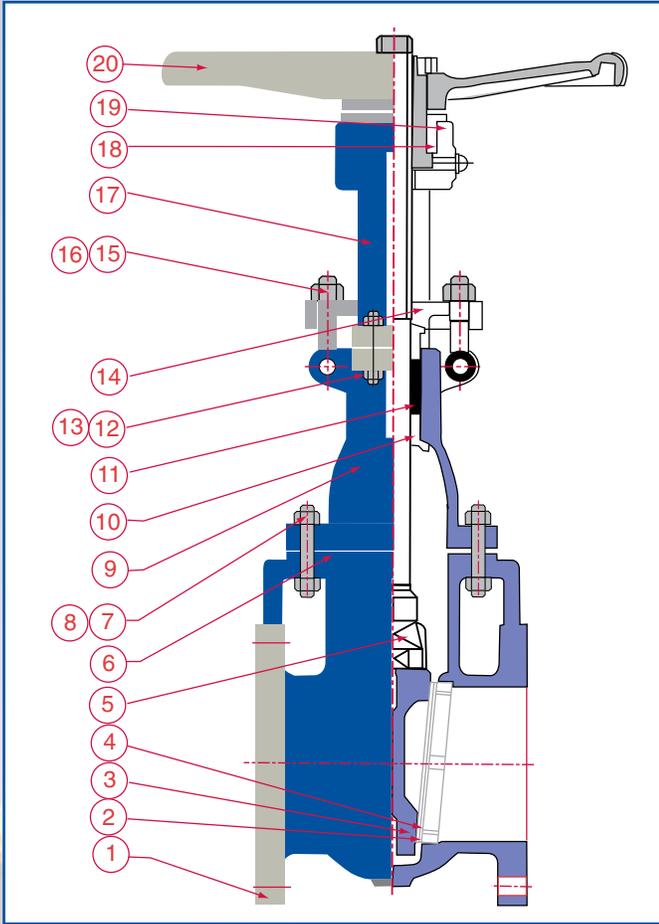
Notes

Manufacturer reserves the right to modify dimensions, materials, or design. Contact factory for certification.



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Construction

No	Part Name	Material
1	Body	A126 CL.B
2	Seat Ring	B62
3	Wedge	A126 CL.B
4	Wedge Ring	B62
5	Stem	B16 Brass
6	Bonnet Gasket	Graphite & Steel
7	Bonnet Bolt	SA307 Gr.B
8	Bonnet Nut	SA307 Gr.B
9	Bonnet	A126 CL.B
10	Back Seat Bushing	B62
11	Packing	Teflon Impregnated
12	Yoke Bolt	SA307 Gr.B
13	Yoke Nut	SA307 Gr.B
14	Packing Gland	A536
15	Packing Gland Bolt	SA307 Gr.B
16	Packing Gland Nut	SA307 Gr.B
17	Yoke	A126 CL.B
18	Stem Nut	Mn-Brass
19	Stem Nut Bushing	A126 CL.B
20	Handwheel	A126 CL.B

Brochures Available from Sure Flow Equipment Inc.

