

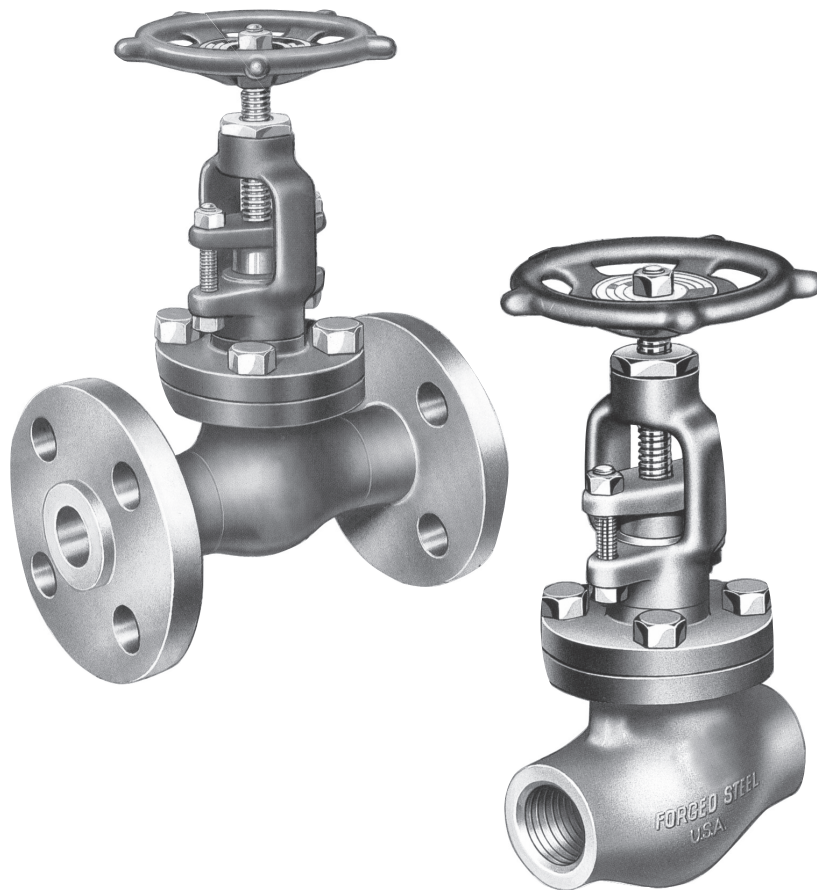


CONNECTION BULLETIN

Vogt Valves

Forged Steel Globe Valves
For Water-Free Chlorine Service

FCD VVABR1007-00 – 09/04 (Replaces CB-07)



Experience In Motion

Forged Steel, O. S. & Y. Globe Valves

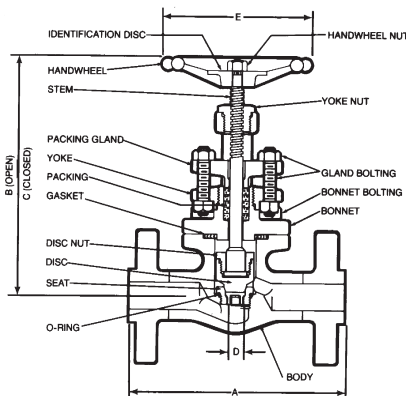
Class 300, 600 and 800

Reliable

Flowserve Vogt globe valves are manufactured, tested, cleaned and packaged in accordance with the requirements for chlorine service.

Chlorine Service Bellowseal Valves

Class 150, 300, 600 Bellowseal Flanged, Threaded or Socket Weld End Globe Valves similar to Series 473B, 483B, 493B, 12141B or SW12141B (with Inconel 625 bellows) are also available on a special order basis.



Class 300 Water-Free Chlorine Service

- Round bolted bonnet
- Bolted gland
- Spiral-wound gasket
- Outside screw and yoke
- Loose solid disc (CL)
- Renewable seat
- ASME B16.34

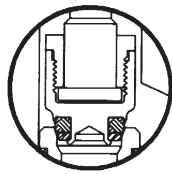
Class 300 Conventional Port, 740 psi @ 100°F. Valves Contain PTFE. Chlorine service temperatures not to exceed 300°F.

Series Number	Material	
	Body/Bonnet	Trim
22483CL	A105	Hastelloy C Stem Monel Seat and Disc

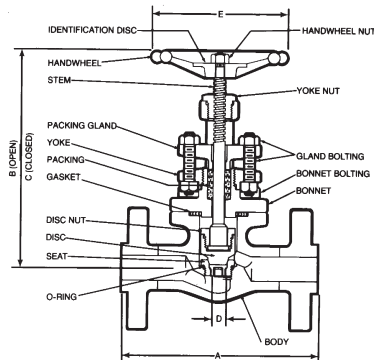
Size	Weight (lb.)	End to End (in.)	Open (in.)	Closed (in.)	Seat Diameter (in.)	Handwheel Diameter (in.)	C _v Factor
		A	B	C	D	E	
½	8.0	6.00	6.62	6.31	.39	4.00	1.7
¾	12.4	7.00	6.62	6.31	.39	4.00	3.1
1	15.7	8.00	8.44	8.06	.66	4.75	5.9
1½	33.6	9.00	10.38	9.81	1.19	5.75	18.4
2	44.3	10.50	10.88	10.19	1.44	7.00	22.5

2 The recommendations of the Chlorine Institute Pamphlet #6 have been used in the design of Vogt's Chlorine Valves.

Class 600 Water-Free Chlorine Service



Disc with Insert



- Round bolted bonnet
- Bolted gland
- Spiral-wound gasket
- Outside screw and yoke
- Loose solid disc (CL) or loose PTFE-inserted disc (MT)
- Renewable seat
- ASME B16.34

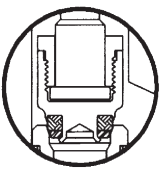
Class 600 Conventional Port, 1480 psi @ 100°F. Valves Contain PTFE. Chlorine service temperatures not to exceed 300°F.

Series Number	Material	
	Body/Bonnet	Trim
22493CL	A105	Hastelloy C Stem Monel Seat and Disc
22493MT	A105	Hastelloy C Stem Monel Seat and PTFE-Inserted Disc

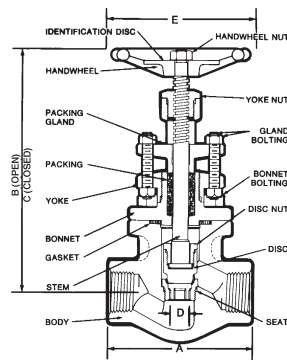
Size	Weight (lb.)	End to End (in.)	Open (in.)	Closed (in.)	Seat Diameter (in.)	Handwheel Diameter (in.)	C _v Factor
		A	B	C	D	E	
½	8.5	6.50	6.62	6.31	.39	4.00	1.7
¾	13.1	7.50	6.62	6.31	.39	4.00	3.1
1	16.5	8.50	8.44	8.06	.66	4.75	5.9
1½	35.0	9.50	10.38	9.81	1.19	5.75	18.4
2	46.2	11.50	11.06	10.38	1.44	7.00	22.5

Valve flanges conform to ASME Standard B16.5 and end-to-end dimensions conform to ASME Standard B16.10.

Class 800 Water-Free Chlorine Service



Disc with insert



- Round bolted bonnet
- Bolted gland
- Spiral-wound gasket
- Outside screw and yoke
- Loose solid disc (CL) or loose PTFE-inserted disc (MT)
- Renewable seat
- ASME B16.34

Class 800 Conventional Port, 1975 psi @ 100°F. Valves Contain PTFE. Chlorine service temperatures not to exceed 300°F.

Series Number		Material	
Threaded	Socket Weld	Body/Bonnet	Trim
22141CL	SW 22141CL	A105	Hastelloy C Stem Monel Seat and Disc
22141MT	SW 22141MT	A105	Hastelloy C Stem Monel Seat and PTFE-Inserted Disc

Size	Weight (lb.)	End to End (in.)	Open (in.)	Closed (in.)	Seat Diameter (in.)	Handwheel Diameter (in.)	C _v Factor
		A	B	C	D	E	
¼	4.8	3.75	6.62	6.34	.39	3.25	.7
⅜	4.9	3.75	6.62	6.34	.39	3.25	1.7
½	4.8	3.75	6.62	6.34	.39	4.00	1.7
¾	5.0	4.00	6.62	6.34	.39	4.00	3.1
1	8.9	4.62	8.44	8.06	.66	4.75	5.9
1¼	20.8	6.25	10.38	9.78	1.19	5.75	13.7
1½	20.1	6.25	10.38	9.78	1.19	5.75	18.4
2	29.1	7.75	10.88	10.19	1.44	7.00	22.5



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