

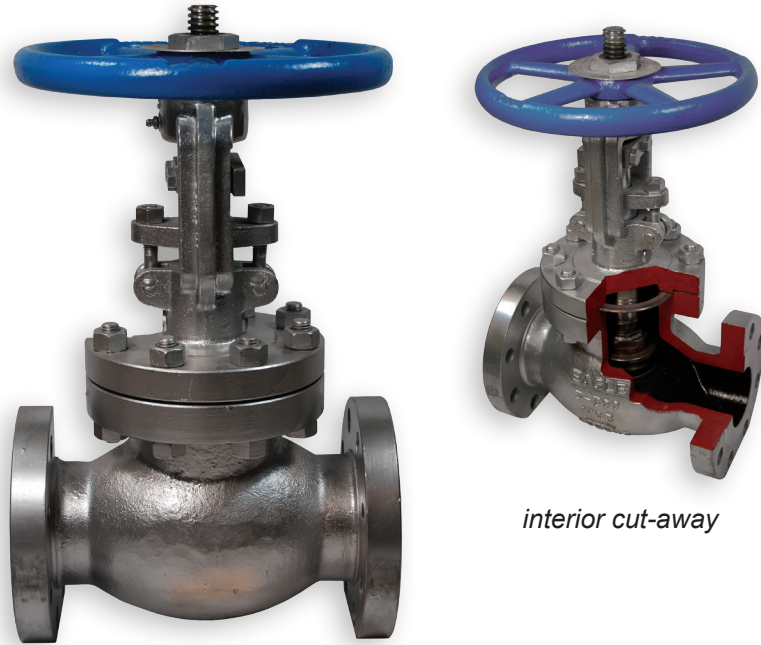


The Right Connection®

Cast Steel Globe Valves

2½" - 16"

Globe Valves ANSI Class 150-600: our bellows technology keeps corrosive or harmful atmospheric conditions from entering the process.



interior cut-away

Applications:

- For use in applications where leakage into or out of the valve is unacceptable such as heat transfer oil, toxic fluids, steam and regulated media.

Features:

- Inconel™ bellows provides longer life and maximum corrosion resistance
- very compact, lower piping costs
- zero stem leakage eliminates media loss and satisfies environmental regulations
- zero maintenance results in lower operating costs / no downtime
- reduce monitoring costs
- three stem seals for safety: metallic bellows, graphite packing, backseat in open position
- hardfaced Stellite® 6 seating surface provides long life
- additional alloys, trims and other end configurations available
- Class 150 - Class 600 available
- consult factory for stainless steel products in larger valves

Standards:

- valve tested to ASME B16.34 / API 598
- meets MSS SP-117
- 5 year bellows warranty

Dixon Eagle

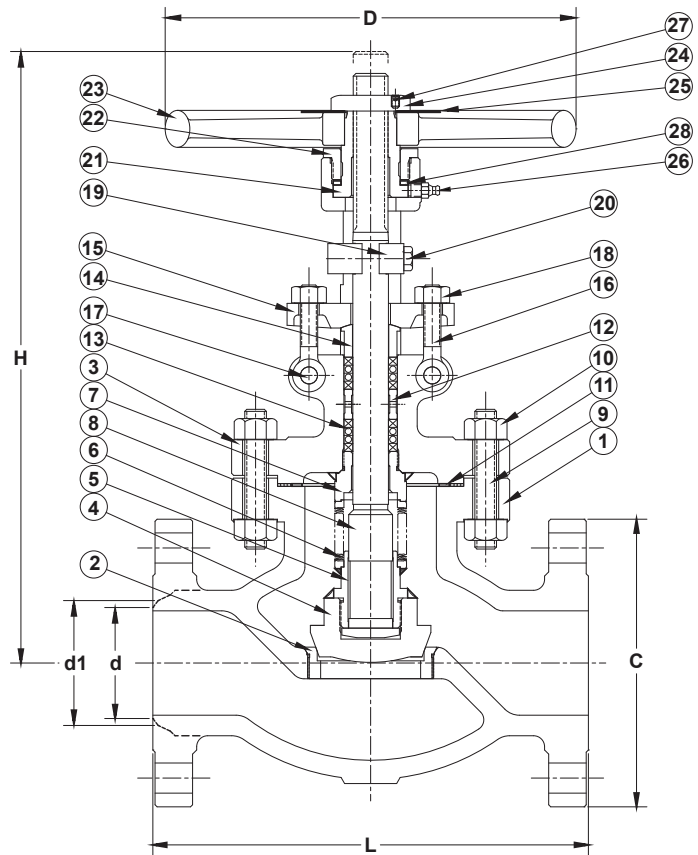
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Materials

No.	Description	Carbon Steel (C22)
1	body	A216 WCB
2	seat ring	A105 ¹
3	bonnet	A216 WCB
4	disc	A216 WCB + 13CR
5	disc nut	type 316 stainless
6	bellows assy.	Inconel™ 625 ²
7	bonnet bushing	type 316 stainless
8	stem	type 410 stainless
9	joint bolt	A193 B7
10	hex nut	A194 2H
11	gasket	graphite / 316 stainless
12	packing washer	type 410 stainless
13	gland packing	graphite
14	gland bushing	type 410 stainless
15	gland plate	A216 WCB
16	gland bolt	A193 B7
17	pin	carbon steel
18	hex nut	A194 2H
19	guide plate	carbon steel
20	hex bolt	carbon steel
21	sleeve	ductile iron
22	yoke cap	carbon steel
23	handwheel	malleable iron
24	handle nut	carbon steel
25	name plate	aluminum
26	grease fitting	copper alloy
27	set screw	alloy steel
28	thrust collar	copper alloy

¹ Stellite™ overlay on seating area. Stellite™ is a registered trademark of Thermadyne.

² Inconel™ is a trademark of Huntington Alloys, Inc.



Operating Characteristics and Dimensions Flanged and Butt Weld End - ANSI 150

Size	d	d1	C	L	H	D	LIFT	Cv	Wt (lbs) FL	Wt (lbs) BW
2½	2.469	2.96	7.00	8.50	15	10	.63	55	70	55
3	3.068	3.59	7.50	9.50	17	12	.63	85	90	80
4	4.026	4.62	9.00	11.50	19	14	.79	150	150	120
6	6.065	6.78	11.00	16.00	23	18	1.18	360	260	245
8	7.981	8.78	13.50	19.50	28	20	1.57	650	430	400
10	10.020	10.94	16.00	24.50	30	22	2.00	1100	590	510
12	12.000	12.97	19.00	27.50	34	24	2.50	1500	860	760

• Larger sizes available, consult factory

Flanged and Butt Weld End - ANSI 300

Size	d	d1	C	L	H	D	LIFT	Cv	Wt (lbs) FL	Wt (lbs) BW
2½	2.469	2.96	7.50	11.50	17	10	.63	55	105	85
3	3.068	3.59	8.25	12.50	18	12	.63	85	120	90
4	4.026	4.62	10.00	14.00	21	16	.79	150	180	140
6	6.065	6.78	12.50	17.50	24	18	1.18	360	340	270
8	7.981	8.78	15.00	22.00	31	20	1.57	650	570	450
10	10.020	10.94	17.50	24.50	39	24	2.00	1100	1200	1070
12	12.000	12.97	20.50	28.00	47	27	2.50	1500	1700	1470

• Larger sizes available, consult factory

• Consult the factory for ANSI 600

Warning & Safety

! Dixon Eagle valves are designed to work safely for their intended use. Failure to know and understand the intended use or to consider the size, temperature, application, media, pressure and manufacturers recommendations when selecting the proper valve assembly components can result in accidents and injuries, including death and serious and permanent injuries. Dixon recommends that all valve assemblies be tested in accordance with ASME and API recommendations and be inspected regularly to ensure that their use remains appropriate and that they are not damaged. At no charge, Dixon is available to consult, train and recommend the proper selection and application of all valves we sell. We strongly recommend that distributors and end users make use of Dixon's Testing and Recommendation Services. Call 800.355.1991 to learn more.

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