Bellows Sealed Globe Valves - F8-Series

Dixon Eagle[®] brand bellows sealed globe valves ANSI/API Class 150, 300, 600, and 800: for general industrial use

Sizes

• 1/2", 3/4", 1", 1-1/2", and 2"

Features

- Welded bonnet
- Classes: 150, 300, 600, and 800

Materials

- Body and bonnet: forged A105N
- Bellows: 321 stainless steel
- MTRs available

Specifications

- · End configuration: socket weld, threaded, or flanged
- Basic design: API 602
- End flange: ASME B16.5
- Threaded ends: ASME B1.20.1
- Face to face: ASME B16.10
- Bellows: MSS SP-117

Part #	Size	Class	Material	Ends	API Trim	
F8CSW050	1/2"	800	A105N	SW	8	
F8CSW075	3/4"	800	A105N	SW	8	
F8CSW100	1"	800	A105N	SW	8	
F8CSW150	1-1/2"	800	A105N	SW	8	
F8CSW200	2"	800	A105N	SW	8	
F8CSE050	1/2"	800	A105N	threaded	8	
F8CSE075	3/4"	800	A105N	threaded	8	
F8CSE100	1″	800	A105N	threaded	8	
F8CSE150	1-1/2"	800	A105N	A105N threaded		
F8CSE200	2"	800	A105N	threaded	8	

NOTE: Please contact eaglesales@dixonvalve.com for more information



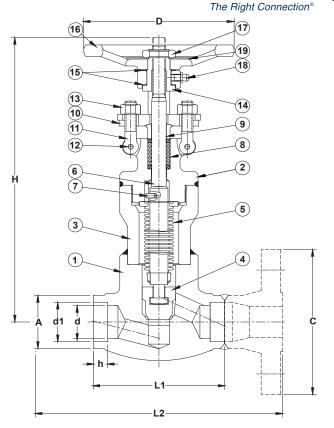
Dixon

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Dixon Eagle® Bellows Seal Valves - F8-Series Technical Information

Materials

No.	Description	Carbon Steel (C)			
1	body	A105N ¹			
2	bonnet	A105N			
3	extension	A105N			
4	disc	type 420 stainless			
5	bellows assembly	type 321 stainless			
6	stem	type 410 stainless			
7	guide pin	carbon steel			
8	gland packing	graphite			
9	gland bushing	type 410 stainless			
10	gland plate	carbon steel			
11	gland bolt	type 410 stainless			
12	pin	type 410 stainless			
13	hex nut	carbon steel			
14	yoke sleeve	type 410 stainless			
15	thrust collar	type 410 stainless			
16	handwheel	malleable iron			
17	handle nut	carbon steel			
18	grease fitting	copper alloy			
19	name plate	aluminum			



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

Operating Characteristics and Dimensions Socket Weld / Threaded Globe Valves

Size	d	Α	d1	h	L1	Н	D	LIFT	Wt (lbs)	Cv
1/2"	0.63	1.34	0.855	0.39	3.11	8.7	3.94	0.26	6.5	2.7
3/4"	0.87	1.57	1.065	0.51	3.62	8.7	3.94	0.26	7.0	3.1
1"	1.10	1.93	1.330	0.51	4.37	9.6	4.92	0.26	10.4	5.4
1-1/2"	1.65	2.56	1.915	0.51	5.98	12.6	6.30	0.43	20.7	13.4
2"	2.05	3.07	2.406	0.63	6.77	13.6	7.09	0.49	29.4	23.0

Flanged Globe Valves

Size	150			300			600		
	L2	С	Wt (lbs)	L2	С	Wt (lbs)	L2	С	Wt (lbs)
1/2"	4.25	3.50	8.5	6.00	3.75	10.5	6.50	3.75	10.5
3/4"	4.62	3.88	10.0	7.00	4.62	14.0	7.50	4.62	15.0
1"	5.00	4.25	18.0	8.00	4.88	22.0	8.50	4.88	23.0
1-1/2"	6.50	5.00	22.0	9.00	6.12	30.0	9.50	6.12	31.0
2"	8.00	6.00	41.0	10.50	6.50	49.0	11.50	6.50	51.0

NOTE: Different configurations available for socket weld / threaded and flanged globe valves, consult eaglesales@dixonvalve.com

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. Contact Dixon to learn more.

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