Bellows Sealed Y-Pattern Valves - GY-Series

Dixon Eagle® brand bellows sealed Y-pattern valves ANSI/API Class 800: for general industrial use

Sizes

• 1/2", 3/4", 1", 1-1/2", and 2"

Features

- Welded bonnet
- Class: 800

Materials

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

Specifications

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

Part #	Size	Class	Material	Ends	API Trim	
GYCSW050	1/2"	800	A105N	SW	8	
GYCSW075	3/4"	800	A105N	SW	8	
GYCSW100	1"	800	A105N	SW	8	
GYCSW150	1-1/2"	800	A105N	SW	8	
GYCSW200	2"	800	A105N	SW	8	
GYCSE050	1/2"	800	A105N	threaded	8	
GYCSE075	3/4"	800	A105N	threaded	8	
GYCSE100	1"	800	A105N	threaded	8	
GYCSE150	1-1/2"	800	A105N	threaded	8	
GYCSE200	2"	800	A105N	A105N threaded		

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





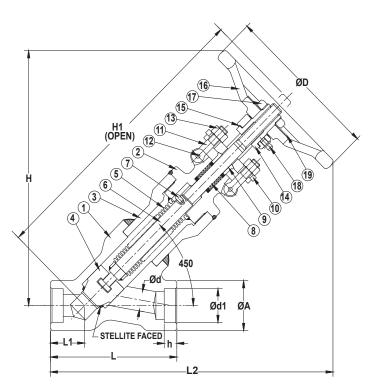
6525 Homestead Road Houston, TX 77028 ph: 713.678.4291 fx: 713.678.8105 dixonvalve.com

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



Materials

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



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

Operating Characteristics and Dimensions

Socket Weld / Threaded Globe Valves

Size	d	Α	d1	h	L	L1	L2	Н	H1	D	LIFT	Wt (lbs)	Cv
1/2"	0.51	1.81	0.855	0.39	4.25	1.24	10.35	9.1	11.0	4.92	0.43	10	5
3/4"	0.67	1.81	1.065	0.51	4.25	1.24	10.35	9.1	11.0	4.92	0.43	10	8
1"	0.87	1.97	1.330	0.51	5.12	1.38	11.42	10.1	11.6	6.30	0.52	13	13
1-1/2"	1.38	2.68	1.915	0.51	6.30	1.54	15.70	14.1	17.1	7.09	0.72	24	37
2"	1.73	3.23	2.406	0.63	7.48	1.81	16.88	15.0	18.9	7.09	0.91	34	57

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.

© 2023 DVCC globevalveGYseries 923