

The EPA states: that bellows seals are "the best available technology" to control fugitive emissions.

Our bellows technology also keeps any corrosive or harmful atmospheric condition from entering the process.

**Cast Steel Globe Valves
1/2" - 2" Bolted Bonnet**

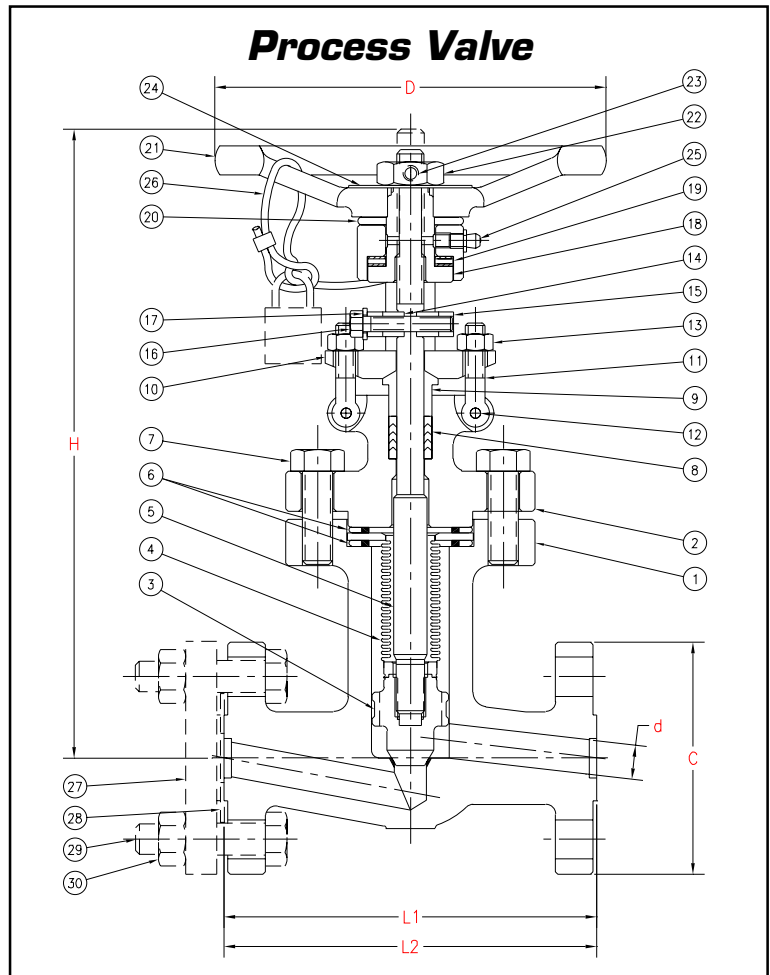
- **Hastelloy Bellows**
For long life and good Corrosion Resistance
- **Zero Stem Leakage**
Eliminates media loss and satisfies environmental regulations
- **Zero Maintenance**
*Lower operating costs/no downtime
Reduce Monitoring Costs*
- **Three Stem Seals For Safety**
*Metallic bellows
Graphite packing
Backseat in open position*
- **Field Repairable**



CRITICAL SERVICE VALVE

Materials		
No.	Part	Material
1	Body	A352 LC3 *
2	Bonnet	A352 LC3
3	Disc	Hastelloy C276 **
4	Bellows Assembly	Hastelloy C276
5	Stem	Hastelloy C276
6	Gasket	TFE/Hastelloy C276
7	Joint Bolt	A320 L7
8	Gland Packing	TFE
9	Gland Bushing	Hastelloy C276
10	Gland Plate	Alloy 20
11	Gland Bolt	Alloy 20
12	Pin	Alloy 20
13	Hex Nut	Alloy 20
14	Guide Plate (A)	Alloy 20
15	Guide Plate (B)	Alloy 20
16	Hex Bolt	Alloy 20
17	Lock Washer	Alloy 20
18	Sleeve	Alloy 20
19	Needle Thrust Bearing	Steel
20	Thrust Collar	Copper Alloy
21	Hand Wheel	Malleable Iron
22	Hand Wheel Nut	Alloy 20
23	Set Screw	Stainless Steel
24	Name Plate	Aluminum
25	Grease Fitting	Stainless Steel
26	Lockout Cable	Stainless Steel
27	Blind Cover Flange	A352 LC3
28	Flange Gasket	TFE
29	Flange Bolt	A320 L7
30	Flange Nut	A194 7M

*Stellite overlay on seating area



Operating Characteristics and Dimensions

ANSI 150

SIZE	d	C	L1	L2	H	D	LIFT	Cv	WT (lbs)
1/2	.55	3.5	4.25	4.25	10.1	6.3	.33	2.0	10
3/4	.55	3.88	4.62	4.62	10.1	6.3	.33	2.5	12
1	1.0	4.25	5.0	5.0	13.0	6.3	.43	8.5	15
1 1/2	1.5	5.0	6.5	6.5	15.7	7.09	.54	21	25
2	2.0	6.0	8.0	7.0	18.2	9.84	.62	41	35

ANSI 300

SIZE	d	C	L1	L2	H	D	LIFT	Cv	WT (lbs)
1/2	.55	3.75	6.0	5.5	10.1	6.3	.33	2.0	16
3/4	.55	4.62	7.0	6.0	10.1	6.3	.33	2.5	18
1	1.0	4.88	8.0	6.5	13.0	6.3	.43	8.5	19
1 1/2	1.5	6.12	9.0	7.5	15.7	7.09	.54	21	29
2	2.0	6.50	10.5	8.5	18.2	9.84	.62	41	39

L1: Globe Valve - Face To Face L2: Ball Valve - Face To Face



**Bellows
Warranty**

**5 Year Bellows
Fatigue Warranty**

EAGLE AMERICA, INC.

Valves For The Future

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Process Valve

