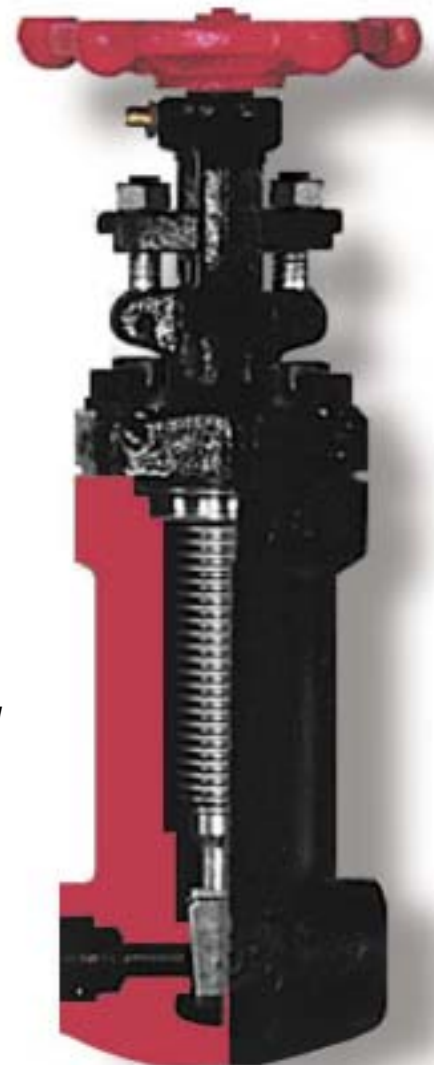


The EPA states: that bellows seals are "the best available technology" to control fugitive emissions.

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

Forged Steel Gate Valves 1/2" - 2" Bolted Bonnet

- **Inconel Bellows**
For longer life and maximum corrosion resistance
- **Very Compact**
Lower Piping Costs
- **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*
- **Hardfaced Seating Surface**
Stellite 6 for long life
- **Valve Designed, Manufactured And Tested To ANSI B16.34/API 602 & 598**
- **Additional Alloy And Trims Available**
- **For Applications Where Leakage Into Or Out Of The Valve Is Unacceptable**
*Heat Transfer Oil
Toxic Fluids
Steam
Regulated Media*



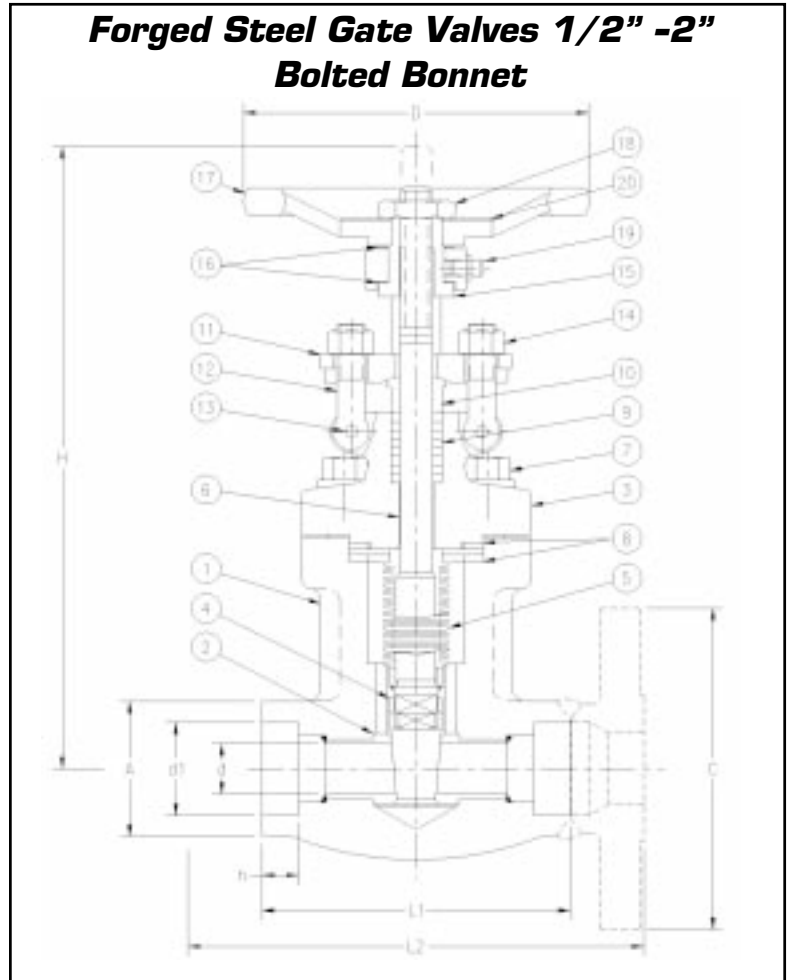
Materials

No.	Part	Carbon Steel (C22)	Stainless Steel (S44)
1	Body	A105	A182 F316L
2	Seat Ring	Type 410 SS*	Type 316 SS*
3	Bonnet	A105	A182 F316L
4	Gate	Type 420 SS	Type 316 SS*
5	Bellows Assy.	Inconel 625**	Inconel 625**
6	Stem	Type 410 SS	Type 316 SS
7	Joint Bolt	A193 B7	A193 B8
8	Gasket	Graphite/316 SS	Graphite/316 SS
9	Gland Packing	Graphite	Graphite
10	Gland Bushing	Type 410 SS	Type 304 SS
11	Gland Plate	Carbon Steel	Type 316 SS
12	Gland Bolt	Type 410 SS	Type 304 SS
13	Pin	Type 410 SS	Type 304 SS
14	Hex Nut	Carbon Steel	Type 304 SS
15	Yoke Sleeve	Type 410 SS	Copper Alloy
16	Thrust Collar	Type 410 SS	Type 410 SS
17	Handwheel	Malleable Iron	Malleable Iron
18	Handle Nut	Carbon Steel	Type 304 SS
19	Grease Fitting	Copper Alloy	Copper Alloy
20	Name Plate	Aluminum	Aluminum

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

** INCONEL is a trademark of Huntington Alloys, Inc.

**Forged Steel Gate Valves 1/2" -2"
Bolted Bonnet**



Operating Characteristics and Dimensions

Socket Weld/Threaded Gate Valves

SIZE	d	A	d1	h	L1	H	D	LIFT	WT _(lbs.)	Cv.
1/2	.39	1.34	.855	.39	3.11	9.3	3.94	.51	7	7.1
3/4	.54	1.57	1.065	.51	3.62	10.1	3.94	.67	8	15
1	.71	1.93	1.330	.51	4.37	12.2	4.92	.87	14	25
1 1/2	1.14	2.56	1.915	.51	4.72	16.0	6.30	1.34	25	75
2	1.45	3.07	2.406	.63	5.51	18.6	7.09	1.69	40	120

Flanged Gate Valves

SIZE	150			300			600		
	L2	C	WT _(lbs.)	L2	C	WT _(lbs.)	L2	C	WT _(lbs.)
1/2	4.25	3.50	10	5.50	3.75	12	6.50	3.75	13
3/4	4.62	3.88	12	6.00	4.62	16	7.50	4.62	17
1	5.00	4.25	18	6.50	4.88	22	8.50	4.88	24
1 1/2	6.50	5.00	31	7.50	6.12	39	9.50	6.12	41
2	7.00	6.00	50	8.50	6.50	58	11.50	6.50	61



**5 Year/3,000 Cycle
Bellows Fatigue Warranty**

EAGLE AMERICA, INC.
Valves For The Future

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Warwick, RI 02886

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Fax: (401) 732-2201

Toll Free: (800) 314-9246

<http://www.eagle-america.net>