



**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" Welded Bonnet**

- **Stainless Steel 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*
- **Hardfaced Seating Surface**  
*Stellite 6 for long life*
- **Valve Designed, Manufactured And Tested To ANSI B16.34/API 602 & 598  
ANSI/NACE MR0175-97**
- **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  
Sour Environments*



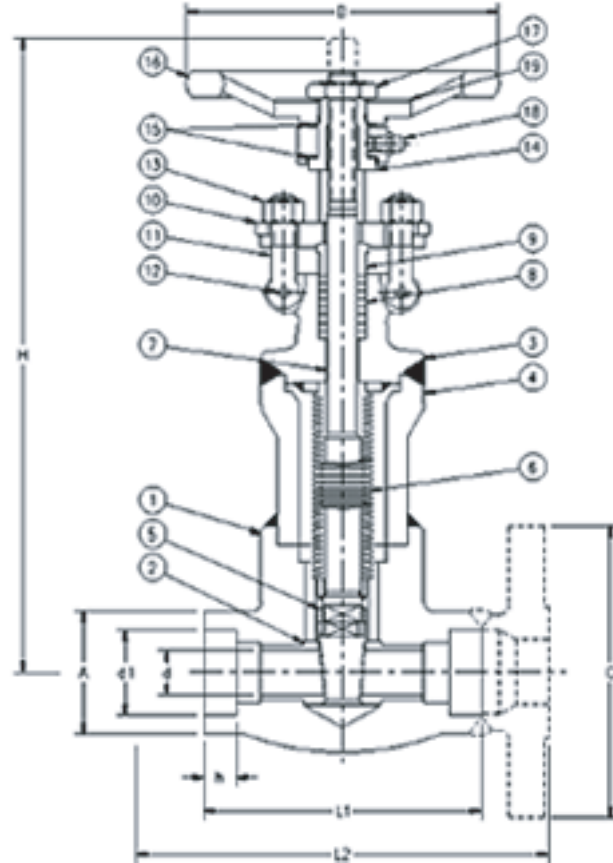
# NACE Gate Valves ANSI/API CLASS 150-800 H8 Series

## Materials

No.	Part	Carbon Steel (C22)
1	Body	A 105
2	Seat Ring	Type 316 SS*
3	Bonnet	A 105
4	Extension	A 105
5	Gate	Type 316 SS*
6	Bellows Assy.	Type 321 SS
7	Stem	Type 316 SS
8	Gland Packing	Graphite
9	Gland Bushing	Type 410 SS
10	Gland Plate	Carbon Steel
11	Gland Bolt	Type 410 SS
12	Pin	Type 410 SS
13	Hex Nut	Carbon Steel
14	Yoke Sleeve	Type 410 SS
15	Thrust Collar	Type 410 SS
16	Handwheel	Malleable Iron
17	Handle Nut	Carbon Steel
18	Grease Fitting	Copper Alloy
19	Name Plate	Aluminum

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

## Forged Steel Gate Valves 1/2" - 2" Welded 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	9.8	3.94	.51	6.4	7.1
3/4	.54	1.57	1.065	.51	3.62	10.9	3.94	.67	7.2	15
1	.71	1.93	1.330	.51	4.37	13.1	4.92	.87	11	25
1 1/2	1.14	2.56	1.915	.51	4.72	17.0	6.30	1.34	20	75
2	1.45	3.07	2.406	.63	5.51	20.3	7.09	1.69	30	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	9	5.50	3.75	11	6.50	3.75	12
3/4	4.62	3.88	11	6.00	4.62	15	7.50	4.62	16
1	5.00	4.25	15	6.50	4.88	19	8.50	4.88	21
1 1/2	6.50	5.00	26	7.50	6.12	34	9.50	6.12	36
2	7.00	6.00	40	8.50	6.50	48	11.50	6.50	51



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

**EAGLE AMERICA, INC.**

**Valves for the Future**

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

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