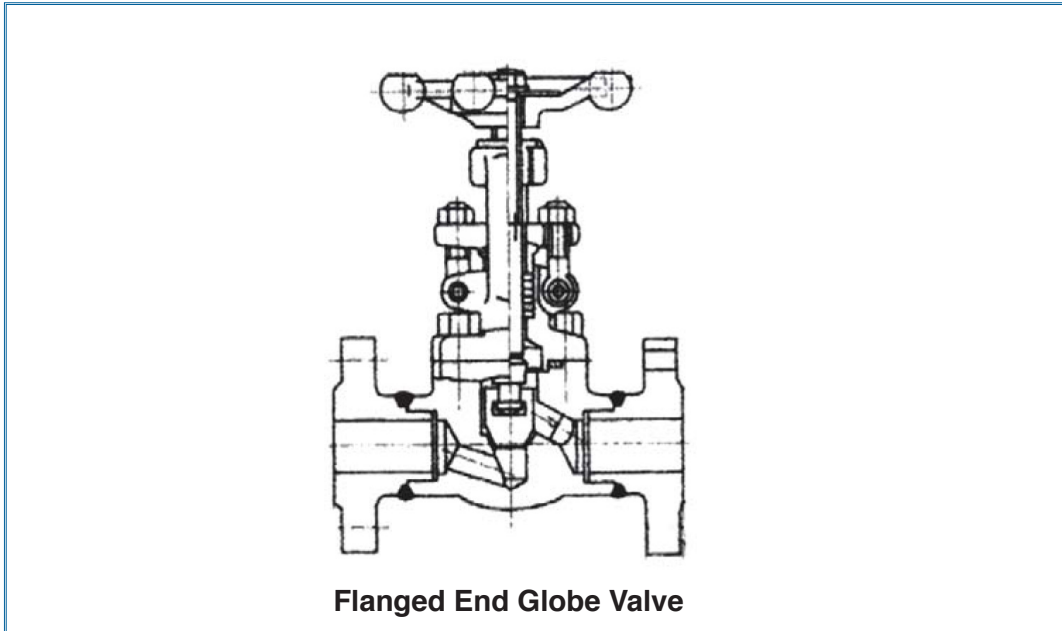




# LUNKENHEIMER®

LVC Forged Steel Globe Valves (Class 150, 300 & 600) are available with welded ANSI Class 150, 300, and 600, flanged ends



### Globe Valve Design and Specifications:

LVC Forged Steel Globe Valves conform to ANSI B16.5, ANSI B16.10, and ASME B16.34. Each valve is inspected and tested in accordance with API 598 and marked per MSS SP-25.

### Construction:

- LVC Forged Steel Globe Valves conform to ANSI B16.5 and ANSI B16.10 end to end dimensions
- Stem seal consists of flexible graphite packing with anti-extrusion rings
- Two piece self aligning packing gland
- Handwheel is rugged with knobs to provide positive grip
- Full range of actuators and accessories to meet automation requirements
- Impactor handwheel or chainwheels are available as an option
- Available in carbon steel, stainless, or other materials

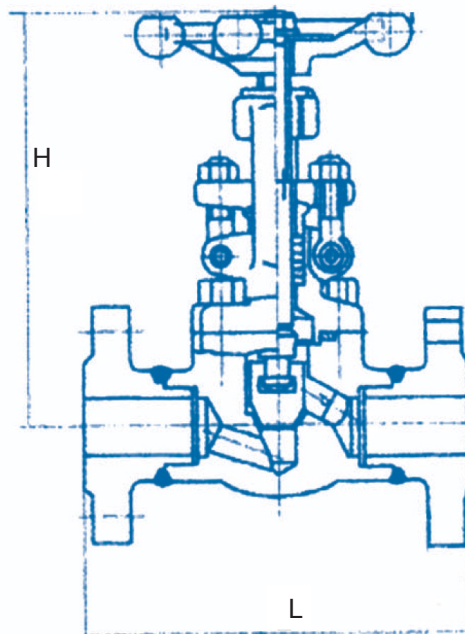
# LUNKENHEIMER

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# Engineering Data

## Forged Globe Valves - Class 150, 300, & 600

No.	Parts Name	ASTM Materials			
1	Body	A105	A182 F304	A182 F316	F11, F22
2	Seat	410 (stl)	304 (stl)	316 (stl)	410 (stl)
3	Wedge	13 Cr. (stl)	A182 F304	A182 F316	13 Cr (stl)
4	Stem	F6	A182 F304	A182 F316	F6
5	Gasket	Graphite + 304		Plus 316	Plus 304
6	Bonnet	ASTM A105	F304	F316	F11, F22
7	Bonnet Bolt	A193 B7	ASTM A193 B8		B7
8	Packing	Reinforced Graphite			
9	Gland	410	A182 F304		410
10	Gland Flange	A276-410			
11	Pin	F276-410			
12	Gland Bolt	A193-B7	A193 B8		A193 B7
13	Gland Nut	A194-2H	A194 B8		A194 2H
14	Stem Nut	A276-410			
15	Washer	A176-430			
16	Handwheel	ASTM A197			
17	Name Plate	A666-304			
18	H.W. Nut	A194 2H	A276 410		A194 2H



Class 150 Conventional Port (1/16" Raised Face)				
Size	L (150)	H (Open)	D Handwheel	Wt. (lbs)
1/2"	4.25	6.22	3.94	9.9
3/4"	4.62	6.41	4.92	15.2
1"	5.00	7.60	4.92	21.6
1-1/2"	6.50	9.80	6.30	43
2"	8.00	11.45	7.09	62
Class 300 Conventional Port (1/16" Raised Face)				
1/2"	6.00	6.22	3.94	10.6
3/4"	7.00	6.41	4.92	16.9
1"	8.00	7.60	4.92	24.3
1-1/2"	9.00	9.80	6.30	49
2"	10.50	11.45	7.09	82
Class 600 Conventional Port (1/4" Raised Face)				
1/2"	6.50	6.22	3.94	12.4
3/4"	7.50	6.41	4.92	17.2
1"	8.50	7.60	4.92	27.6
1-1/2"	9.50	9.80	6.30	52
2"	11.50	11.45	7.09	86