

Forged Steel Globe Valves Class 800

F/V Forged Steel Globe Valves are available in bolted or welded bonnet designs with bolted bonnets having spiral wound gaskets made of Stainless Steel/Graphite.



Globe Valve Design and Specifications:

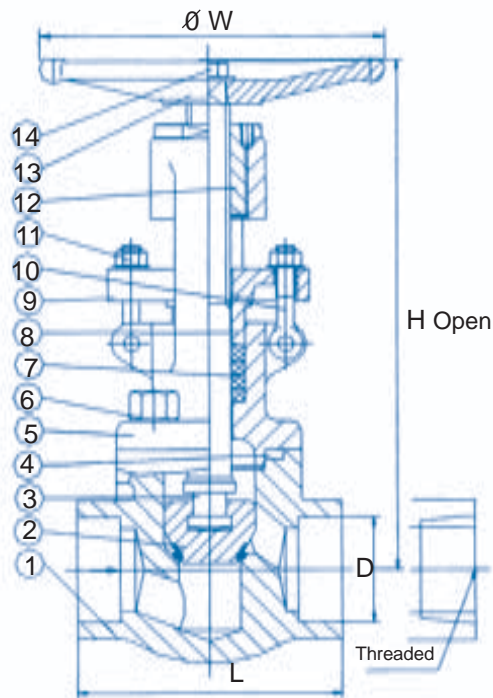
F/V Forged Steel Globe Valves conform to ASME B16.34 and BS 5352. Each valve is tested in accordance with API 598, and marked per MSS SP 25.

Construction:

- Disc and Stem connection designed for regulated flow
- Two piece self aligning packing gland
- Bolted or welded bonnet design
- Impactor handwheels and chain wheel operated valves area available as an option
- Stem seal consists of flexible graphite packing with anti-extrusion rings for optimum stem sealing
- Conventional Port or Full Port
- Socket weld ends to ASME B 16.11
- Threaded ends to ANSI/ASME B 1.20.1
- Rugged and knobbed handwheel provides positive grip
- Available in carbon steel, stainless steel and other materials
- Full range of actuators and accessories to meet automation needs

Engineering Data

Forged Steel Globe Valves - Class 800



No.	Parts Name	Materials		
1	Body	ASTM A105	A182 F304	A182 F316
2	Disc	F6 (Stellite optional)	A182 F304	A182 F316
3	Stem	F6	A182 F304	A182 F316
4	Gasket	Graphite +304		Graphite +316
5	Bonnet	ASTM A105	A182 F304	A182 F316
6	Bonnet Bolt	ASTM A193 B7		
7	Stem Packing	Reinforced Graphite		
8	Gland	ASTM A276 410	A182 F304	A182 F316
9	Gland Flange	ASTM A105	A182 F304	A182 F316
10	Gland Eyebolt	ASTM A193 B7	ASTM A193 B8	
11	Gland Nut	ASTM A194 2H	ASTM A194 B8	
12	Stem Nut	ASTM A1108 1020	ASTM A276 410	
13	Handwheel	ASTM A197		
14	H.W. Lock Nut	ASTM A194 2H	ASTM A194 B8	
Other materials are available upon request				

Size		D (Socket)		L	W	H (Open)	Wt. (lbs)
Regular	Full	Regular	Full				
1/4"	—	0.55	—	3.11	3.94	6.02	4.2
3/8"	1/4"	0.69	0.55	3.11	3.94	6.02	4.6
1/2"	3/8"	0.86	0.69	3.11	3.94	6.22	4.6
3/4"	1/2"	1.07	0.86	3.62	3.94	7.55	5.1
1"	3/4"	1.33	1.07	4.37	4.92	9.92	9.3
1-1/4"	1"	1.68	1.33	4.72	6.30	9.92	13.7
1-1/2"	1-1/4"	1.92	1.68	5.98	6.30	11.38	17.2
2"	1-1/2"	2.41	1.92	6.77	7.08	12.99	27.1
—	2"	—	2.41	7.87	7.87	14.57	37.5

We reserve the right to make revisions to literature without notice.