

GLT Forged Steel Globe Valve Class 150/300/600

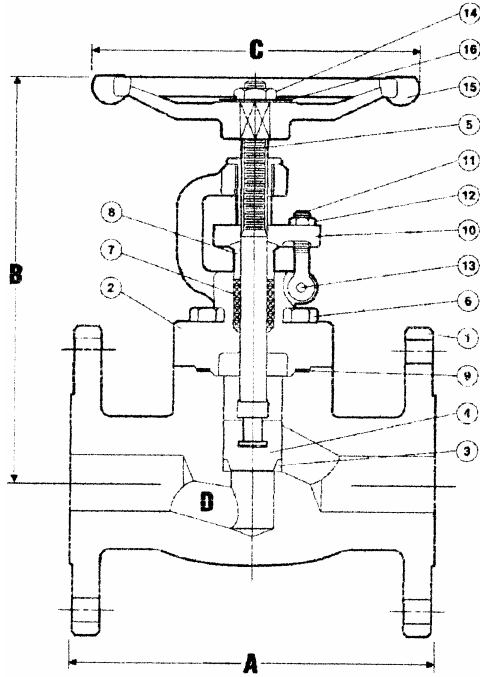
Figure Number:

2A2F1 – Class 150, Regular Port, Flanged Ends

2A2F3 – Class 300, Regular Port, Flanged Ends

2A2F6 – Class 600, Regular Port, Flanged Ends

- API Standard 602
- Forged Steel Globe Valve
- Outside Screw and Yoke
- Bolted Bonnet
- ANSI B16.5 Flange Ends



Standard Material of Parts

No.	Parts	ASTM Materials Specs.		
1	Body	A105	A182-F304	A182-F316
2	Bonnet	A105	A182-F304	A182-F316
3	Seat (Integral)	A276-410+STL	A276-304+STL	A276-316+STL
4	Disc	A276-420	A276-304+STL	A276-316+STL
5	Stem	A276-410	A276-304	A276-316
6	Bonnet Bolt	A193-B7	A193-B8	A193-B8M
7	Packing	Grafoil	PTFE	
8	Gland	A276-410	A276-304	A276-316
9	Gasket	304+Graphite	316+Graphite	
10	Gland Flange	A216-WCB	A351-CF8	
11	Eye Bolt	A276-410	A276-304	
12	Eye Bolt Nut	A194-2H		
13	Eye Bolt Pin	A276-410	A276-304	
14	Stem Nut	A108-1020		
15	Handwheel	A197		
16	Nameplate	Aluminum		

REGULAR PORT Dimensions

Size	In	1/2"	3/4"	1"	1¼"	1½"	2"
	mm	15	20	25	32	40	50
Face to Face (A) - 150#	mm	108	117	127	140	165	203
Face to Face (A) - 300#	mm	152	178	203	216	229	267
Face to Face (A) - 600#	mm	165	190	216	229	241	292
Valve Open Height (B)	mm	176	176	212	230	254	294
Handwheel Diameter (C)	mm	100	100	125	160	160	180
Seat Port Diameter (D)	mm	10	13	17	23	30	37
Weight - 150#	kg	2.7	4.0	6.3	8.9	10.3	14.7
Weight - 300#	kg	4.0	5.2	7.5	11.3	16.5	18.2
Weight - 600#	kg	5.6	6.9	9.8	12.5	18.4	20.0

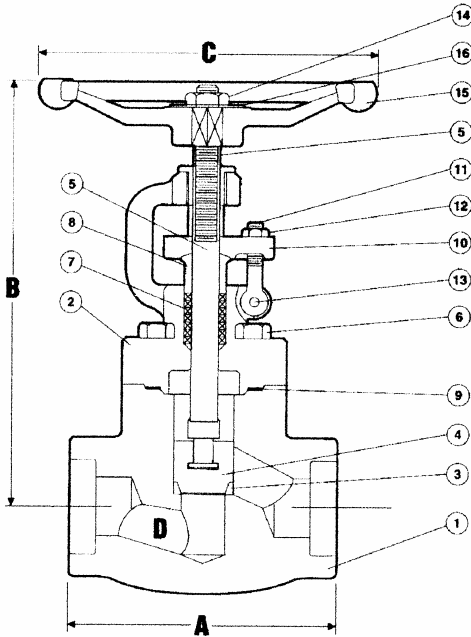
- Valves come in standard ASTM material specifications.
- Other body, bonnet, and trim materials available upon request.

GLT Forged Steel Globe Valve Class 800

Figure Number:

- 2A1F8 - T – Full Port, Screwed Ends
- 2A1F8 - W – Full Port, Socketweld Ends
- 2A2F8 - T – Regular Port, Screwed Ends
- 2A2F8 - W – Regular Port, Socketweld Ends

- API Standard 602
- Forged Steel Globe Valve
- Outside Screw and Yoke
- Bolted Bonnet



Standard Material of Parts

No.	Parts	ASTM Materials Specs.		
1	Body	A105	A182-F304	A182-F316
2	Bonnet	A105	A182-F304	A182-F316
3	Seat (Integral)	A276-410+STL	A276-304+STL	A276-316+STL
4	Disc	A276-420	A276-304+STL	A276-316+STL
5	Stem	A276-410	A276-304	A276-316
6	Bonnet Bolt	A193-B7	A193-B8	A193-B8M
7	Packing	Grafoil	PTFE	
8	Gland	A276-410	A276-304	A276-316
9	Gasket	304+Graphite	316+Graphite	
10	Gland Flange	A216-WCB	A351-CF8	
11	Eye Bolt	A276-410	A276-304	
12	Eye Bolt Nut	A194-2H		
13	Eye Bolt Pin	A276-410	A276-304	
14	Stem Nut	A108-1020		
15	Handwheel	A197		
16	Nameplate	Aluminum		

REGULAR PORT Dimensions

Size	In	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		mm	8	10	15	20	25	32	40
End to End (A)	mm	79	79	79	92	111	130	152	172
Valve Open Height (B)	mm	176	176	176	176	212	230	254	294
Handwheel Diameter (C)	mm	100	100	100	100	125	160	160	180
Seat Port Diameter (D)	mm	8	10	10	13	17	23	30	37
Weight	kg	2.2	2.1	1.9	2.1	3.9	5.8	7.2	10.8

FULL PORT Dimensions

Size	In	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
		mm	8	10	15	20	25	32	40
End to End (A)	mm	-	79	92	111	130	152	172	200
Valve Open Height (B)	mm	-	176	176	212	230	254	294	327
Handwheel Diameter (C)	mm	-	100	100	125	160	160	180	200
Seat Port Diameter (D)	mm	-	10	13	17	23	30	37	46
Weight	kg	-	1.9	2.1	3.9	5.8	7.2	10.8	16

- Valves come in standard ASTM material specifications.
- Other body, bonnet, and trim materials available upon request.