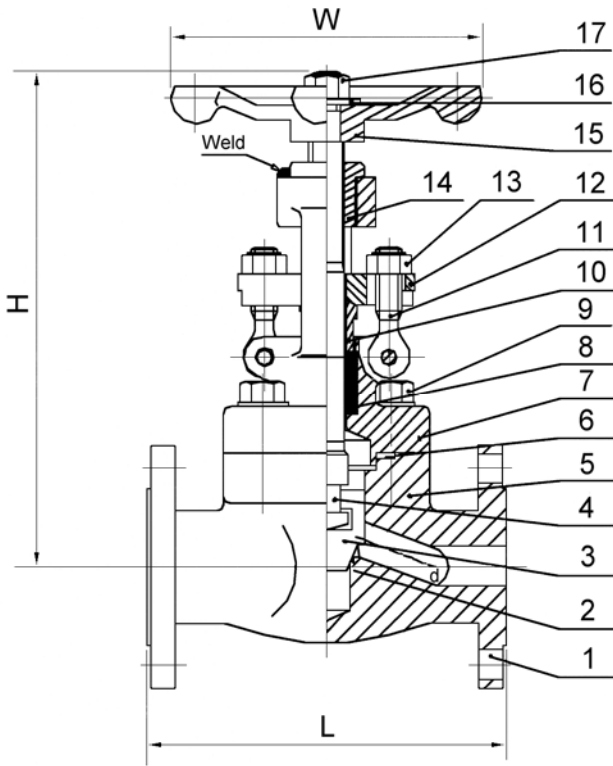


CLASS 150/300 FLANGED FORGED STEEL BOLTED BONNET GLOBE VALVE

FIG. FGL-820F-150
FIG. FGL-820F-300



Design: API 602 – ASME B16.34
 Testing: API 598
 Markings: MSS SP25
 Flanges: B16.5
 Face to Face: ASME B16.10



Materials:

No.	Part Name	Specification
1	Flange	A105N
2	Seat	Integral Hard Faced
3	Disc	A276 – 410
4	Stem	A276 – 420
5	Body	A105N
6	Gasket	Spiral Wound 304 + Graphite
7	Bonnet	A105N
8	Gland Packing	Flexible Graphite
9	Bonnet Bolt	A194 – B7
10	Gland	A276 – 410
11	Gland Bolt	A197 – B7
12	Gland Flange	Stainless Steel
13	Gland Nut	A194 – 2H
14	Yoke Sleeve	13Cr
15	Handwheel	Malleable Iron
16	Sleeve Washer	A36
17	Handwheel Nut	AISI 1025

Ratings:

Carbon Steel class 150 – 285 psig @ 100°F
 Carbon Steel class 300 – 740 psig @ 100°F

Note:

- Integral body flanges
- Other trims and body materials are available upon request.
- Rolled in seat ring.
- Regular port.

Dimensions:

Size		d		L				H (Open)		W		Weight			
				820F-150		820F-300						820F-150		820F-300	
in	mm	in	mm	in	mm	in	mm	in	mm	in	mm	lb	kg	lb	kg
½	15	.38	9.6	4.25	108	6	152.4	6.22	158	3.94	100	7.48	3.4	8.36	3.8
¾	20	.55	14	4.62	117.5	7	177.8	6.42	163	3.94	100	7.92	3.6	10.78	4.9
1	25	.71	18	5	127	8	203.2	7.6	193	4.92	125	10.12	4.6	15.62	7.1
1½	40	1.18	30	6.50	165	9	228.6	9.84	250	6.3	160	21.56	9.8	27.72	12.6
2	50	1.44	36.6	8	203.2	10.5	266.7	11.46	291	7	178	33.22	15.1	38.94	17.7