



GLOBE VALVES- BELLOWS SEALED- WELDED & BOLTED BONNET- FULL & REDUCED PORT

800 LB.

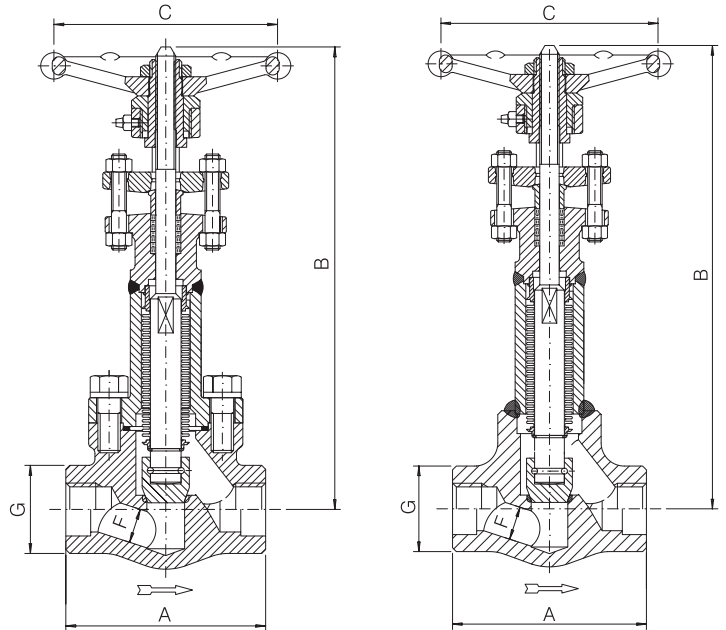
1500 LB.

Design construction:

- ASME B16.34, BS 5352, MSS-SP-117
- Testing according to API 598
- Marking MSS-SP-25
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Spiral wound gasket
- Body Bonnet Weld to ASME IX
- Integral Backseat
- Loose solid disc
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25

Ratings:

- carbon steel class 800 1975 psig @ 100°F
138 bar + 38°C
- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C



		FULL PORT – BOLTED BONNET FIG. S 30 - WELDED BONNET FIG. SHW 30									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2		
	mm	6	10	15	20	25	32	40	50		
A	inch mm	3.15 80	3.15 80	3.54 90	4.33 110	5 127	5.90 150	7.09 180	8.27 210		
B open	inch mm	8.07 205	8.07 205	8.27 210	9.64 245	11.22 285	12.40 315	13.58 345	17.52 445		
C	inch mm	3.46 88	3.46 88	3.46 88	3.82 97	5.43 138	5.43 138	6.77 172	6.77 172		
F	inch mm	.27 7	.35 9	.51 13	.69 17.5	.87 22.5	1.16 29.5	1.38 35	1.77 45		
G	inch mm	1.26 32	1.26 32	1.50 38	1.89 48	2.20 56	2.52 64	3.07 78	3.35 85		
Weight	lb.	5.5	5.5	7.75	11.5	19.25	22	40.75	67.25		
Bolted B.	kg	2.5	2.5	3.5	5.2	8.7	10	18.5	30.5		
Weight	lb.	5	5	7	11	17.5	19.75	37.5	61.75		
Welded B.	kg	2.3	2.3	3.2	5	8	9	17	28		
PACKING		BH2	BH2	BH2	BH4	BH5	BH6	BY5	BH8		
GASKET*		G2	G2	G2	G3	G4	G6	G7	G9		

		REDUCED PORT – BOLTED BONNET FIG. SL 30 - WELDED BONNET FIG. SHWL 30						
SIZE	inch	1/2	3/4	1	1 1/2	2		
	mm	15	20	25	40	50		
A	inch mm	3.15 80	3.54 90	4.33 110	5.90 150	7.09 180		
B open	inch mm	8.07 205	8.27 210	9.64 245	12.40 315	13.58 345		
C	inch mm	3.46 88	3.46 88	3.82 97	5.43 138	5.43 138	6.77 172	6.77 172
F	inch mm	.35 9	.51 13	.69 17.5	1.16 29.5	1.38 35		
G	inch mm	1.26 32	1.50 38	1.89 48	2.52 64	3.07 78		
Weight	lb.	5.5	6	9.5	19.5	29.75		
Bolted B.	kg	2.5	2.7	4.3	8.8	13.5		
Weight	lb.	4.75	5.25	7.75	17.75	26		
Welded B.	kg	2.2	2.4	3.5	8.1	11.8		
PACKING		BH2	BH2	BH4	BH6	BY5		
GASKET*		G2	G2	G3	G6	G7		

		FULL PORT – BOLTED BONNET FIG. 9S 30 - WELDED BONNET FIG. 9SHW 30						
SIZE	inch	1/2	3/4	1	1 1/2	2		
	mm	15	20	25	40	50		
A	inch mm	4.33 110	5 127	5.90 150	8.27 210	9.05 230		
B open	inch mm	11.02 280	12.60 320	14.17 360	17.52 445	20.08 510		
C	inch mm	5.43 138	6.77 172	9.21 234	12.60 320	12.60 320		
F	inch mm	.47 12	.59 15	.79 20	1.26 32	1.57 40		
G	inch mm	1.89 48	2.20 56	2.52 64	3.35 85	3.74 95		
Weight	lb.	10	15.5	19.75	50.75	83.75		
Bolted B.	kg	4.5	7	9	23	38		
Weight	lb.	8.75	14.25	18.25	48.5	80.5		
Welded B.	kg	4	6.5	8.3	22	36.5		
PACKING		BH5	2B4	2B4	BH8	9B8		
GASKET*		G2	G3	G4	G7	G8		

		REDUCED PORT – BOLTED BONNET FIG. 9SL 30 - WELDED BONNET FIG. 9SHWL 30						
SIZE	inch	1/2	3/4	1	1 1/2	2		
	mm	15	20	25	40	50		
A	inch mm	3.54 90	4.33 110	5 127	7.09 180	8.27 210		
B open	inch mm	9.45 240	11.02 280	12.60 320	14.17 360	17.52 445		
C	inch mm	5.43 138	5.43 138	6.77 172	9.21 234	12.60 320		
F	inch mm	.35 9	.47 12	.59 15	1.06 27	1.26 32		
G	inch mm	1.50 38	1.89 48	2.20 56	3.07 78	3.35 85		
Weight	lb.	7.75	10	15.5	19.75	50.75		
Bolted B.	kg	3.5	4.5	7	9	23		
Weight	lb.	6.5	10	14.25	19.5	47.25		
Welded B.	kg	3	4.6	6.5	8.9	21.5		
PACKING		BH3	BH5	2B4	2B5	BH8		
GASKET*		G1	G2	G3	G5	G7		



GATE VALVES- BELLOWS SEALED- WELDED BONNET- FULL PORT

BONNEY FORGE

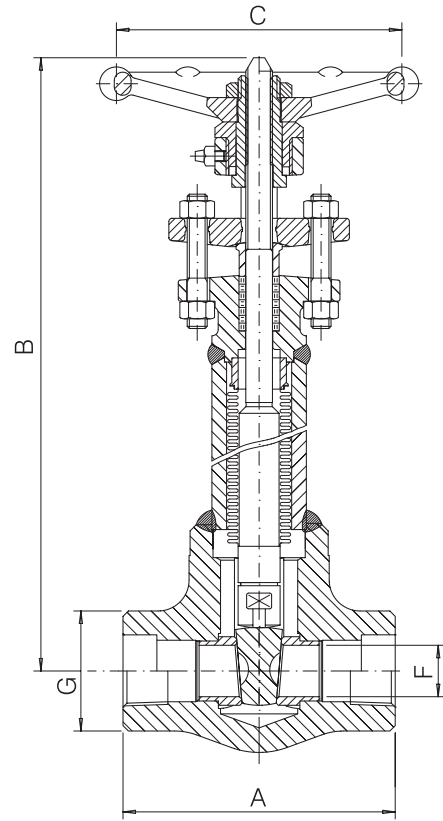
2500 LB.

Design construction:

- ASME B16.34, MSS-SP-117, BS 5352
- Testing according to API 598
- Marking MSS-SP-25
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Spiral wound gasket
- Body Bonnet Weld to ASME IX
- Integral Backseat
- Hydroformed bellows
- Grease nipple for stem
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25

Ratings:

-carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C



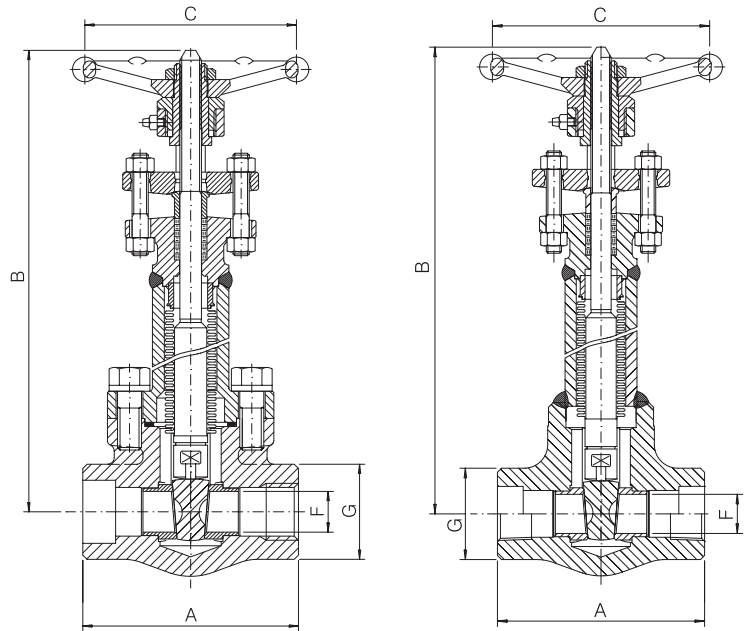
FULL PORT – FIG. 25SHW 10										
2500 LB.	SIZE	inch mm	1/4 6	3/8 10	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40	2 50
	A	inch mm	4.33 110	4.33 110	5 127	5 127	5 127	5 127	8.27 210	9.05 230
	B open	inch mm	14.96 380	14.96 380	16.93 430	17.72 450	20.08 510	24.41 620	24.80 630	27.95 710
	C	inch mm	5.43 138	5.43 138	5.43 138	6.77 172	9.21 234	9.21 234	12.60 320	15.75 400
	F	inch mm	.31 8	.31 8	.45 11.5	.59 15	.77 19.5	.98 25	1.10 28	1.38 35
	G	inch mm	1.89 48	1.89 48	2.20 56	2.52 64	3.07 78	3.07 78	3.35 85	3.74 95
	Weight	lb. kg	13.5 6.2	13.5 6.2	14.25 6.5	23 10.5	35.25 16	37.5 17	63.75 29	99.25 45
	PACKING		BH6	BH6	2B4	2B4	BH8	BH8	9B8	25B8

BONNEY FORGE® GATE VALVES- BELLOWS SEALED- WELDED & BOLTED BONNET- FULL & REDUCED PORT

800 LB.
1500 LB.

Design construction:

- API 602, ASME B16.34, MSS-SP-117, BS 5352
- Testing according to API 598
- Marking MSS-SP-25
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Spiral wound gasket
- Body Bonnet Weld to ASME IX
- Integral Backseat
- Hydroformed bellows
- Grease nipple for stem
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
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- Ratings:
- carbon steel class 800 1975 psig @ 100°F
138 bar + 38°C
- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C



		FULL PORT – BOLTED BONNET FIG. S 10 - WELDED BONNET FIG. SHW 10								
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	mm	6	10	15	20	25	32	40	50	
A	inch mm	3.15 80	3.15 80	3.54 90	4.33 110	5 127	5 127	5 127	8.27 210	
B open	inch mm	9.05 230	9.05 230	9.64 245	11.22 285	13.19 335	14.96 380	16.42 417	20.87 530	
C	inch mm	3.46 88	3.46 88	3.46 88	3.82 97	5.43 138	5.43 138	5.43 138	6.77 172	
F	inch mm	.31 8	.38 9.6	.55 14	.71 18	.94 24	1.18 30	1.44 36.6	1.89 48	
G	inch mm	1.26 32	1.26 32	1.50 38	1.89 48	2.20 56	2.52 64	3.07 78	3.35 85	
Weight Bolted B.	lb. kg	6 2.7	6 2.7	6.25 2.9	10 4.6	15.75 7.2	22 10	28.25 12.8	48.5 22	
Weight Welded B.	lb. kg	5 2.3	5 2.3	5.5 2.5	8.25 3.8	13.5 6.2	18.5 8.4	24.5 11.2	44 20	
PACKING		BH2	BH2	BH2	BH4	BH5	BH6	BY5	BH8	
GASKET*		G2	G2	G2	G3	G4	G6	G7	G9	

		REDUCED PORT – BOLTED BONNET FIG. SL 10 - WELDED BONNET FIG. SHWL 10					
SIZE	inch	1/2	3/4	1	1 1/2	2	
	mm	15	20	25	40	50	
A	inch mm	3.15 80	3.54 90	4.33 110	5 127	5 127	
B open	inch mm	9.05 230	9.64 245	11.22 285	14.96 380	16.42 417	
C	inch mm	3.46 88	3.46 88	3.82 97	5.43 138	5.43 138	
F	inch mm	.38 9.6	.55 14	.71 18	1.18 30	1.44 36.6	
G	inch mm	1.26 32	1.50 38	1.89 48	2.52 64	3.07 78	
Weight Bolted B.	lb. kg	6 2.7	6.5 3	9.75 4.4	20.75 9.4	27 12.3	
Weight Welded B.	lb. kg	4.5 2.1	5.25 2.4	8.5 3.9	19 8.6	24.25 11	
PACKING		BH2	BH2	BH4	BH6	BY5	
GASKET*		G2	G2	G3	G6	G7	

		FULL PORT – BOLTED BONNET FIG. 9S 10 - WELDED BONNET FIG. 9SHW 10				
SIZE	inch	1/2	3/4	1	1 1/2	2
	mm	15	20	25	40	50
A	inch mm	4.33 110	5 127	5 127	8.27 210	9.05 230
B open	inch mm	13.98 355	14.96 380	17.72 450	21.65 550	23.23 590
C	inch mm	5.43 138	5.43 138	6.77 172	9.21 234	12.6 320
F	inch mm	.55 14	.71 18	.94 24	1.44 36.6	1.89 48
G	inch mm	1.89 48	2.20 56	2.52 64	3.35 85	3.74 95
Weight Bolted B.	lb. kg	11 5	15.5 7	21 9.5	51.75 23.5	88 40
Weight Welded B.	lb. kg	10 4.5	14.25 6.5	18.25 8.3	48.5 22	81.5 37
PACKING		BH5	BH6	2B4	2B5	9B8
GASKET*		G2	G3	G4	G7	G8

		REDUCED PORT – BOLTED BONNET FIG. 9SL 10 - WELDED BONNET FIG. 9SHWL 10				
SIZE	inch	1/2	3/4	1	1 1/2	2
	mm	15	20	25	40	50
A	inch mm	3.54 90	4.33 110	5 127	5 127	8.27 210
B open	inch mm	12.60 320	13.98 355	14.96 380	17.72 450	21.65 550
C	inch mm	5.43 138	5.43 138	5.43 138	9.21 234	9.21 234
F	inch mm	.38 9.6	.55 14	.71 18	1.18 30	1.44 36.6
G	inch mm	1.50 38	1.89 48	2.20 56	3.07 78	3.35 85
Weight Bolted B.	lb. kg	6.5 3	11 5	15.5 7	22 10	53 24
Weight Welded B.	lb. kg	6 2.8	10 4.6	14.25 6.5	19.75 9	48.5 22
PACKING		BH3	BH5	BH6	2B5	BH8
GASKET*		G1	G2	G3	G5	G7