

B CRYOGENIC VALVES- GLOBE TYPE- BOLTED BONNET- FULL & REDUCED PORT

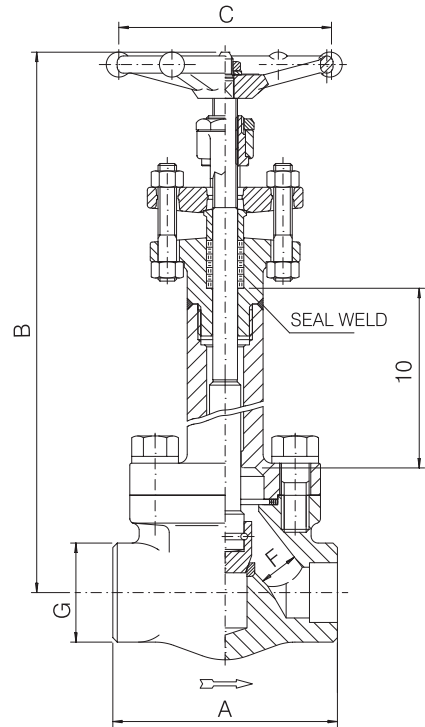
BONNEY FORGE

800 LB.

1500 LB.

Design construction:

- ASME B16.34- BS5352- BS6364
- Testing according to API 598
- Marking MSS SP25
- Outside Screw and Yoke (OS&Y)
- Self aligning two piece packing gland
- Spiral wound gasket
- Integral backseat
- Loose disc stem assembly
- Socket Weld Ends to ASME B16.11
- Screwed Ends (NPT) to ASME B1.20.1
- Butt Welding Ends to ASME B16.25
- Welded body - bonnet joint also available
- Ratings: stainless steel A182- F316
 - class 800 1920 psig @ 100°F
132 bar + 38°C
 - class 1500 3600 psig @ 100°F
248 bar + 38°C



800 LB.		FULL PORT – FIG. C 30								
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	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	16.34 415	16.34 415	16.53 420	18.11 460	19.49 495	19.88 505	21.26 540	24.21 615	
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	.88 22.5	1.16 29.5	1.38 35	1.77 45	
G	inch mm	1.26 32	1.26 32	1.5 38	1.89 48	2.20 56	2.52 64	3.07 78	3.35 85	
Weight	lb. kg	7.75 3.5	7.75 3.5	8 3.6	11.25 5.1	18.5 8.4	27.75 12.6	36.25 16.5	53 24	
PACKING		BH3	BH3	BH3	BH5	BY5	BY5	BY7	BH8	
GASKET		G2	G2	G2	G3	G4	G6	G7	G9	

800 LB.		REDUCED PORT – FIG. CL 30					
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50	
A	inch mm	3.15 80	3.54 90	4.33 110	5.90 150	7.09 180	
B open	inch mm	16.34 415	16.53 420	18.11 460	19.92 506	21.26 540	
C	inch mm	3.46 88	3.46 88	3.82 97	5.43 138	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	1.5 38	1.89 48	2.52 64	3.07 78	
Weight	lb. kg	7.25 3.3	8.25 3.8	11.5 5.2	21.5 9.8	32.5 14.8	
PACKING		BH3	BH3	BH5	BY5	BY7	
GASKET		G2	G2	G3	G6	G7	

1500 LB.		FULL PORT – FIG. 9C 30								
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	3.54 90	3.54 90	4.33 110	5 127	5.90 150	7.09 180	8.27 210	9.05 230	
B open	inch mm	16.14 410	16.14 410	17.91 455	19.49 495	19.68 500	21.26 540	24.21 615	25.39 645	
C	inch mm	3.46 88	3.46 88	3.82 97	5.43 138	5.43 138	6.77 172	6.77 172	9.21 234	
F	inch mm	.27 7	.35 9	.47 12	.59 15	.79 20	1.06 27	1.26 32	1.57 40	
G	inch mm	1.5 38	1.5 38	1.89 48	2.20 56	2.52 64	3.07 78	3.35 85	3.74 95	
Weight	lb. kg	8.75 4	8.75 4	12 5.5	17.5 8	24.25 11	34 15.5	55 25	90.25 41	
PACKING		BH3	BH3	BH5	2B4	2B4	2B5	BH8	9B8	
GASKET		G1	G1	G2	G3	G4	G5	G7	G8	

1500 LB.		REDUCED PORT – FIG. 9CL 30					
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50	
A	inch mm	3.54 90	4.33 110	5.90 150	7.09 180	8.27 210	
B open	inch mm	16.34 415	17.91 455	19.61 498	21.65 550	24.21 615	
C	inch mm	3.46 88	3.82 97	5.43 138	6.77 172	6.77 172	
F	inch mm	.35 9	.47 12	.59 15	1.06 27	1.26 32	
G	inch mm	1.5 38	1.89 48	2.20 56	3.07 78	3.35 85	
Weight	lb. kg	8 3.7	12 5.4	19.5 8.9	34.75 15.8	60.5 27.5	
PACKING		BH3	BH5	2B4	2B5	BH8	
GASKET		G1	G2	G3	G5	G7	