



# GLOBE VALVES- BOLTED BONNET- FULL & REDUCED PORT

BONNEY FORGE

**800 LB.**

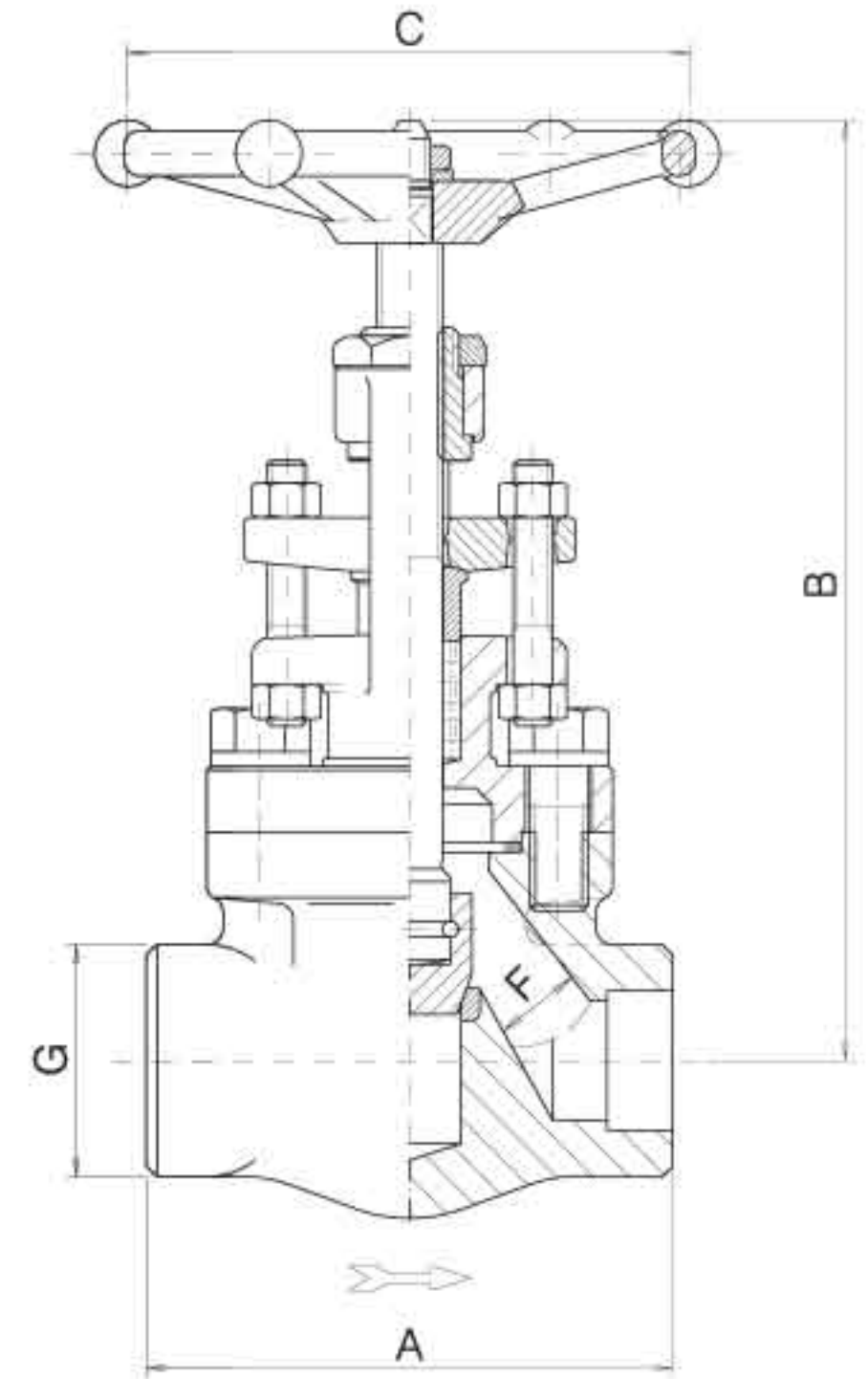
**1500 LB.**

**Design construction:**

- ASME B16.34 - BS 5352
- 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 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



800 LB.									
FULL PORT – FIG. H 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	6 150	7.09 180	8.27 210
B open	inch mm	6.54 166	6.54 166	6.73 171	8.39 213	9.72 247	10.16 258	11.81 300	14.76 375
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	.28 7	.35 9	.51 13	.69 17.5	.89 22.5	1.16 29.5	1.38 35	1.79 45.5
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	4.75 2.2	4.75 2.2	5.25 2.4	8.25 3.8	13.25 6.1	16.75 7.6	27.5 12.5	43.25 19.6
PACKING		BH3	BH3	BH3	BH5	BY5	BY5	BY7	BH8
GASKET		G2	G2	G2	G3	G4	G6	G7	G9

800 LB.						
REDUCED PORT – FIG. HL 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	6 150	7.09 180
B open	inch mm	6.54 166	6.73 171	8.39 213	10.16 258	11.81 300
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	4.5 2.1	5 2.3	8 3.7	16.25 7.4	26.25 11.9
PACKING		BH3	BH3	BH5	BY5	BY7
GASKET		G2	G2	G3	G6	G7

1500 LB.									
FULL PORT – FIG. 9H 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	6 150	7.09 180	8.27 210	9.06 230
B open	inch mm	6.54 166	6.54 166	8.27 210	9.72 247	10.08 256	11.81 300	14.76 375	16.85 428
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	.28 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	5.75 2.6	5.75 2.6	9.25 4.2	14.25 6.5	18.75 8.5	27.5 12.5	49 22.3	79.25 36
PACKING		BH3	BH3	BH5	2B4	2B4	2B5	BH8	9B8
GASKET		G1	G1	G2	G3	G4	G5	G7	G8

1500 LB.						
REDUCED PORT – FIG. 9HL 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	5 127	7.09 180	8.27 210
B open	inch mm	6.54 166	8.27 210	9.84 250	11.81 300	14.76 375
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	5.25 2.4	8.75 4	14.25 6.5	28.5 13	48.5 22
PACKING		BH3	BH5	2B4	2B5	BH8
GASKET		G1	G2	G3	G5	G7