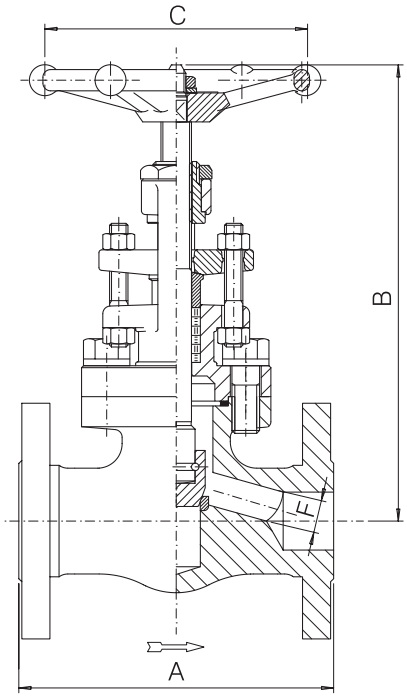
Integral Flanged Valves- Globe Type- Bolted Bonnet- Full & Reduced Port

BONNEY FORGE

150 Lb.
300 Lb.



Design construction:
ASME B16.34 - BS 5352
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Loose disc stem assembly
Self aligning two piece packing gland
Spiral wound gasket
Integral backseat
Integral body flanges
Face to face according to ASME B16.10
Flanges according to ASME B16.5
Ratings:
- carbon steel class 150 — 285 psig @ 100°F / 20 bar + 38°C
- carbon steel class 300 — 740 psig @ 100°F / 51 bar + 38°C

150 LB. — FULL PORT – FIG. 1 30

SIZE	inch / mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch	4.25	4.62	5	6.50	8
	mm	108	117,5	127	165	203
B open	inch	7.72	9.05	10.55	12.40	13.19
	mm	196	230	268	315	335
C	inch	3.46	3.82	5.43	6.77	6.77
	mm	88	97	138	172	172
F	inch	.51	.68	.88	1.38	1.77
	mm	13	17,5	22,5	35	45
Weight	lb.	8.25	14	19	36.25	55
	kg	3,8	6,4	8,7	16,5	25
PACKING		BH3	BH5	BY5	BY7	BY7
GASKET		G2	G3	G4	G7	G8

150 LB. — REDUCED PORT – FIG. L1 30

SIZE	inch / mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch	4.25	4.62	5	6.50	8
	mm	108	117,5	127	165	203
B open	inch	7.72	7.72	8.90	10.75	11.81
	mm	196	196	226	273	300
C	inch	3.46	3.46	3.82	5.43	6.77
	mm	88	88	97	138	172
F	inch	.35	.51	.68	1.16	1.38
	mm	9	13	17,5	29,5	35
Weight	lb.	6.5	8.25	12	22.5	34.75
	kg	3	3,8	5,5	10,3	15,8
PACKING		BH3	BH3	BH5	BY5	BY7
GASKET		G2	G2	G3	G5	G8

300 LB. — FULL PORT– FIG. 3 30

SIZE	inch / mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch	6	7	8	9.02	10.51
	mm	152,5	178	203	229	267
B open	inch	7.72	9.05	10.55	12.40	13.19
	mm	196	230	268	315	335
C	inch	3.46	3.82	5.43	6.77	6.77
	mm	88	97	138	172	172
F	inch	.51	.68	.88	1.38	1.77
	mm	13	17,5	22,5	35	45
Weight	lb.	9	15.25	21.25	40.75	61.5
	kg	4,1	7	9,7	18,5	28
PACKING		BH3	BH5	BY5	BY7	BH8
GASKET		G2	G3	G4	G7	G9

300 LB. — REDUCED PORT – FIG. L3 30

SIZE	inch / mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch	6	7	8	9.02	10.51
	mm	152,5	178	203	229	267
B open	inch	7.72	7.95	8.90	10.63	12.64
	mm	196	202	226	270	321
C	inch	3.46	3.46	3.82	5.43	6.77
	mm	88	88	97	138	172
F	inch	.35	.51	.68	1.16	1.38
	mm	9	13	17,5	29,5	35
Weight	lb.	9	13	18.25	36.25	47.25
	kg	4,1	6	8,3	15,5	21,5
PACKING		BH3	BH3	BH5	BY5	BY7
GASKET		G2	G2	G3	G6	G7

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