



BONNEY FORGE

CHECK VALVES- WELDED BONNET- FULL & STANDARD PORT

800 LB.

1500 LB.

Design construction:

ASME B16.34 - BS 5352

Testing according to API 598

Marking MSS SP25

Spring on request only

Body bonnet weld to ASME IX

Socket Weld Ends to ASME B16.11

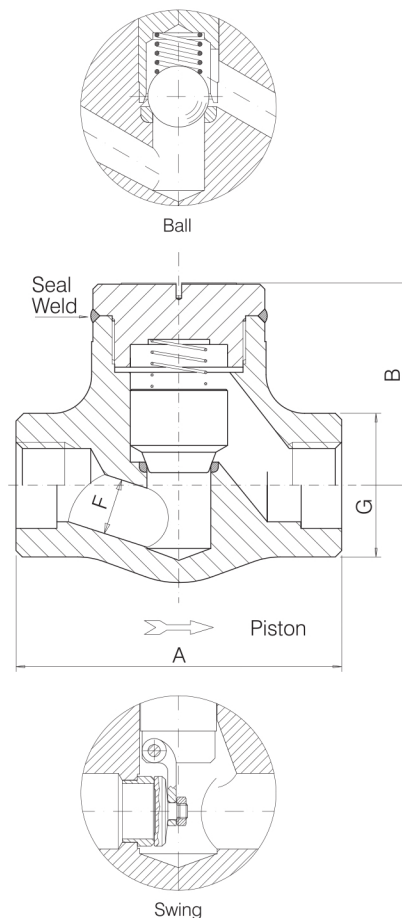
Screwed Ends (NPT) to ASME B1.20.1

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 — FIG. W 40 - W 50 - W 60										
800 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	3.15 80	3.15 80	3.54 90	4.33 110	5 127	5.91 150	7.09 180	8.27 210
	B	inch mm	2.17 55	2.17 55	2.36 60	3.07 78	3.46 88	3.62 92	4.33 110	5.91 150
	F Piston/ F Ball	inch mm	.28 7	.35 9	.51 13	.69 17.5	.89 22.5	1.16 29.5	1.38 35	1.77 45
	F Swing	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	lb. kg	2 1	2 1	2.5 1.2	5 2.3	7.25 3.3	11.5 5.2	19 8.7	30.75 14

STANDARD PORT — FIG. WL 40 - WL 50 - WL 60							
800 LB.	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	5.91 150	7.09 180
	B	inch mm	2.13 54	2.36 60	3 76	3.62 92	4.33 110
	F Piston/ F Ball	inch mm	.35 9	.51 13	.69 17.5	1.16 29.5	1.38 35
	F Swing	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	lb. kg	1.75 0.9	2.25 1.1	5 2.3	11 5	18.25 8.3

1500 LB.	FULL PORT — FIG. 9W 40 - 9W 50 - 9W 60									
	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	5.91 150	7.09 180	8.27 210	9.06 230
	B	inch mm	2.17 55	2.17 55	3 76	3.31 84	3.54 90	4.33 110	5.91 150	9.06 230
	F Piston/ F Ball	inch mm	.28 7	.35 9	.47 12	.59 15	.79 20	1.06 27	1.26 32	1.57 40
	F Swing	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	1.50 38	1.50 38	1.89 48	2.20 56	2.52 64	3.07 78	3.35 85	3.74 95
	Weight	lb. kg	3 1.4	3 1.4	5.5 2.5	8 3.7	13.25 6	22 10	34.25 15.5	48.5 22

STANDARD PORT — FIG. 9WL 40 - 9WL 50 - 9WL 60							
1500 LB.	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	inch mm	2.13 54	3 76	3.39 86	4.33 110	5.91 150
	F Piston/ F Ball	inch mm	.35 9	.47 12	.59 15	1.06 27	1.26 32
	F Swing	inch mm	.38 9.6	.55 14	.71 18	1.18 30	1.44 36.6
	G	inch mm	1.5 38	1.89 48	2.20 56	3.07 78	3.35 85
	Weight	lb. kg	3 1.4	4.75 2.2	6.5 3	21 9.6	35.25 16



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