

CHECK VALVES- WELDED BONNET- FULL & REDUCED PORT

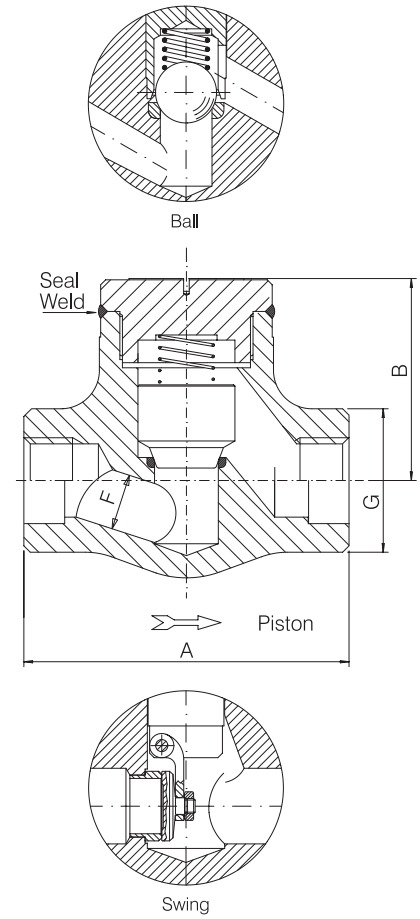
BONNEY FORGE

800 LB.

1500 LB.

Design construction:

- ASME B16.34 - BS 5352
- Testing according to API 598
- Marking MSS SP25
- 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



SIZE		FULL PORT — FIG. W 40 - W 50 - W 60								
		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	3.15	3.15	3.54	4.33	5	5.91	7.09	8.27	
	mm	80	80	90	110	127	150	180	210	
B	inch	2.17	2.17	2.36	3.07	3.46	3.62	4.33	5.91	
	mm	55	55	60	78	88	92	110	150	
F Piston/ F Ball	inch	.28	.35	.51	.69	.89	1.16	1.38	1.77	
	mm	7	9	13	17.5	22.5	29.5	35	45	
F Swing	inch	.31	.38	.55	.71	.94	1.18	1.44	1.89	
	mm	8	9.6	14	18	24	30	36.6	48	
G	inch	1.26	1.26	1.50	1.89	2.20	2.52	3.07	3.35	
	mm	32	32	38	48	56	64	78	85	
Weight	lb.	2	2	2.5	5	7.25	11.5	19	30.75	
	kg	1	1	1.2	2.3	3.3	5.2	8.7	14	

SIZE		REDUCED PORT — FIG. WL 40 - WL 50 - WL 60					
		1/2 15	3/4 20	1 25	1 1/2 40	2 50	
A	inch	3.15	3.54	4.33	5.91	7.09	
	mm	80	90	110	150	180	
B	inch	2.13	2.36	3	3.62	4.33	
	mm	54	60	76	92	110	
F Piston/ F Ball	inch	.35	.51	.69	1.16	1.38	
	mm	9	13	17.5	29.5	35	
F Swing	inch	.38	.55	.71	1.18	1.44	
	mm	9.6	14	18	30	36.6	
G	inch	1.26	1.50	1.89	2.52	3.07	
	mm	32	38	48	64	78	
Weight	lb.	1.75	2.25	5	11	18.25	
	kg	0.9	1.1	2.3	5	8.3	

SIZE		FULL PORT — FIG. 9W 40 - 9W 50 - 9W 60								
		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	3.54	3.54	4.33	5	5.91	7.09	8.27	9.06	
	mm	90	90	110	127	150	180	210	230	
B	inch	2.17	2.17	3	3.31	3.54	4.33	5.91	9.06	
	mm	55	55	76	84	90	110	150	230	
F Piston/ F Ball	inch	.28	.35	.47	.59	.79	1.06	1.26	1.57	
	mm	7	9	12	15	20	27	32	40	
F Swing	inch	.31	.38	.55	.71	.94	1.18	1.44	1.89	
	mm	8	9.6	14	18	24	30	36.6	48	
G	inch	1.50	1.50	1.89	2.20	2.52	3.07	3.35	3.74	
	mm	38	38	48	56	64	78	85	95	
Weight	lb.	3	3	5.5	8	13.25	22	34.25	48.5	
	kg	1.4	1.4	2.5	3.7	6	10	15.5	22	

SIZE		REDUCED PORT — FIG. 9WL 40 - 9WL 50 - 9WL 60					
		1/2 15	3/4 20	1 25	1 1/2 40	2 50	
A	inch	3.54	4.33	5	7.09	8.27	
	mm	90	110	127	180	210	
B	inch	2.13	3	3.39	4.33	5.91	
	mm	54	76	86	110	150	
F Piston/ F Ball	inch	.35	.47	.59	1.06	1.26	
	mm	9	12	15	27	32	
F Swing	inch	.38	.55	.71	1.18	1.44	
	mm	9.6	14	18	30	36.6	
G	inch	1.5	1.89	2.20	3.07	3.35	
	mm	38	48	56	78	85	
Weight	lb.	3	4.75	6.5	21	35.25	
	kg	1.4	2.2	3	9.6	16	