

INTEGRAL FLANGED VALVES- CHECKTYPE- BOLTED BONNET- FULL & REDUCED PORT

BONNEY FORGE

150 LB.

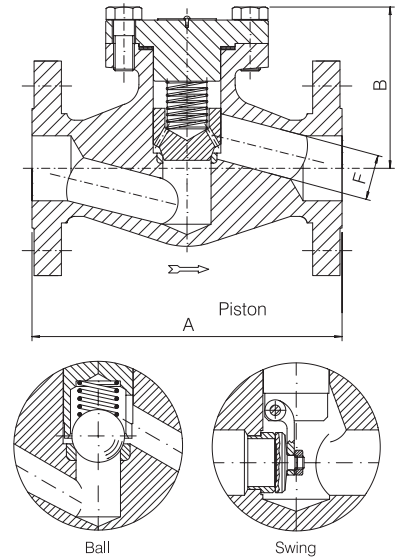
300 LB.

Design construction:

ASME B16.34 - BS 5352
 Testing according to API 598
 Marking MSS SP25
 Spring available on request for Piston
 and Ball Check Valves
 Spiral wound gasket
 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 40, 1 50, 1 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	4.25 108	4.62 117,5	5 127	6.50 165	8 203
B	inch mm	2.95 75	3.35 85	3.94 100	4.92 125	5.51 140
F Piston/ F Ball	inch mm	.51 13	.68 17,5	.88 22,5	1.38 35	1.77 45
F Swing	inch mm	.55 14	.71 18	.94 24	1.46 36,6	1.89 48
Weight	lb. kg	6 2,8	7.75 3,6	11.25 5,2	22 10	35.25 16
GASKET		G2	G3	G4	G7	G8

150 LB.						
REDUCED PORT — FIG. L1 40, L1 50, L1 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	4.25 108	4.62 117,5	5 127	6.50 165	8 203
B	inch mm	2.95 75	2.95 75	3.35 85	4.33 110	4.92 125
F Piston/ F Ball	inch mm	.35 9	.51 13	.68 17,5	1.16 29,5	1.38 35
F Swing	inch mm	.39 9,6	.55 14	.68 17,5	1.16 29,5	1.46 36,6
Weight Piston/ Weight Ball	lb. kg	5 2,3	6.75 3,1	9.75 4,5	18.5 8,4	30.75 14
Weight Swing	lb. kg	4.75 2,2	6.75 3,1	9.5 4,4	18.25 8,3	28.5 13
GASKET		G2	G2	G3	G5	G8

300 LB.						
FULL PORT — FIG. 3 40, 3 50, 3 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	6 152,5	7 178	8* 203*	9.02* 229*	10.51 267
B	inch mm	2.95 75	3.54 90	3.94 100	4.72 120	5.91 150
F Piston/ F Ball	inch mm	.51 13	.68 17,5	.88 22,5	1.38 35	1.77 45
F Swing	inch mm	.55 14	.71 18	.94 24	1.46 36,6	1.89 48
Weight	lb. kg	7.75 3,6	14 6,4	18 8,2	33 15	46.25 21
GASKET		G2	G3	G4	G7	G9

300 LB.						
REDUCED PORT — FIG. L3 40, L3 50, L3 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	6 152,5	7 178	8* 203*	9.02* 229*	10.51 267
B	inch mm	2.95 75	3.15 80	3.46 88	4.53 115	5.12 130
F Piston/ F Ball	inch mm	.35 9	.51 13	.68 17,5	1.16 29,5	1.38 35
F Swing	inch mm	.39 9,6	.55 14	.68 17,5	1.16 29,5	1.46 36,6
Weight Piston/ Weight Ball	lb. kg	7.5 3,4	11.5 5,3	16.5 7,5	30.75 14	41.75 19
Weight Swing	lb. kg	7.25 3,3	11.25 5,2	16.25 7,4	29.75 13,5	39.5 18
GASKET		G2	G2	G3	G6	G7