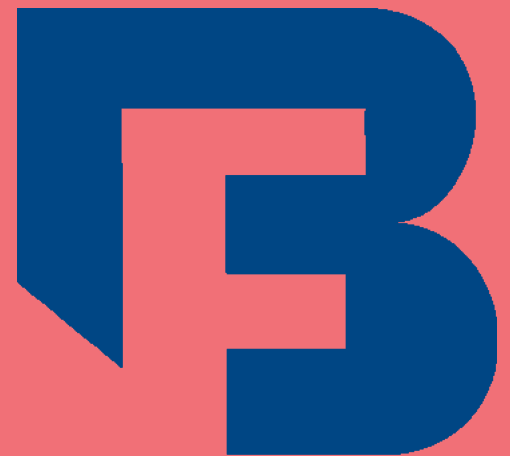


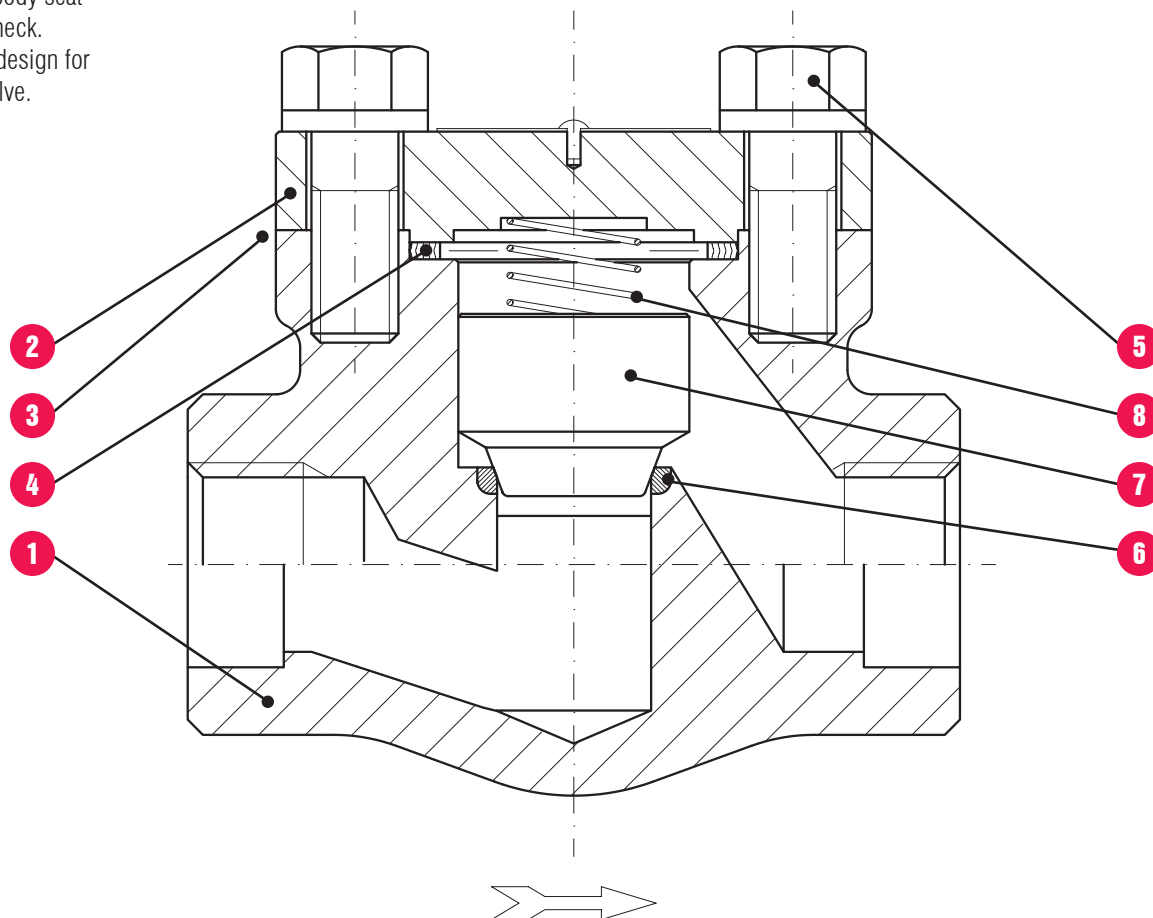
Overview	24
Bolted Bonnet- 800 lb. & 1500 lb. valves	25
Bolted Bonnet- 1500 lb. & 2500 lb. valves	26
Welded Bonnet- 800 lb. & 1500 lb. valves	27
Welded Bonnet- 2500 lb. & 4500 lb. valves	28
Welded Bonnet (Y type)- 800 lb. & 1690 lb. valves	29
Welded Bonnet (Y type)- 2680 lb. & 4500 lb. valves	30

CHECK VALVES



CHECK VALVES

Forged steel, piston, ball or swing check. Full or standard port. Bolted or welded cover joint. T-Pattern or Y-Pattern. Integral body seat for piston or ball check. Separate seat ring design for the swing check valve.



- 1. BODY.** The body is forged steel and designed to the basic dimensional requirements of the applicable specifications such as API 602 and ASME B16.34. The body is available in both the full or standard port design. It is also available in either T-Pattern or Y-Pattern configurations.
- 2. COVER.** The cover is forged steel and designed to the basic dimensional requirements of the applicable specifications such as API 602 and ASME B16.34.
- 3. BODY-COVER JOINT.** Two different cover joint designs are available. These are either the bolted cover or the threaded and seal welded type.
- 4. GASKET.** The bolted cover joint design valve uses a contained, controlled compression, spiral wound type gasket.

- 5. COVER BOLTING.** The cover bolting is manufactured of alloy steel in accordance with the requirements of the applicable specifications such as API 602 and ASME B16.34.
- 6. SEAT.** The body seat for the piston and ball check valves is an integral weld overlay and is part of the valve trim. The swing check valve is supplied with a separate seat ring which is pressed into the valve body and wedged into place, forming a seal with the body.
- 7. PISTON, BALL OR DISC.** The piston, ball or disc is forged steel and is part of the valve trim. The seating surface of the piston and ball check is of the tapered or plug type design. The seating surface of the swing check is of the flat seat design.
- 8. SPRING.** The spring is optional and supplied only upon request.

CHECK VALVES- BOLTED BONNET- FULL & STANDARD 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

Spiral-wound gasket

Socket Weld Ends to ASME B16.11

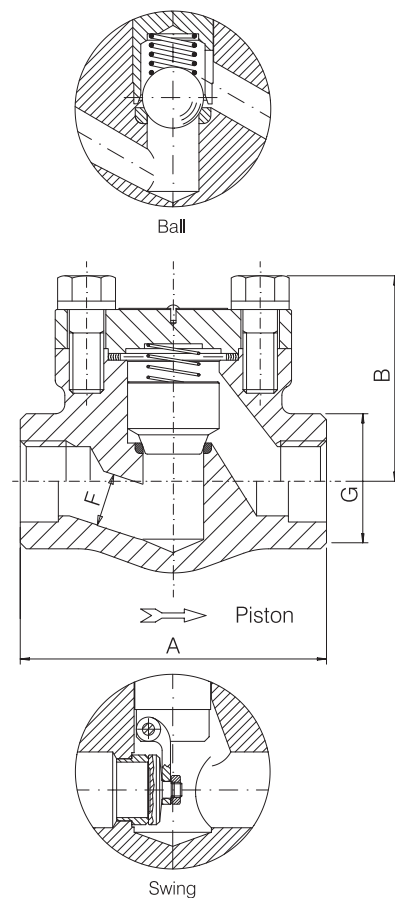
Screwed Ends (NPT) to ASME B1.20.1

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. H 40 - H 50 - H 60		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch mm	6	10	15	20	25	32	40	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	4.25 108	5.71 145
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	3 1.4	3 1.4	3.5 1.6	6.5 3	9.5 4.3	12.25 5.6	22 10	35.25 16
GASKET		G2	G2	G2	G3	G4	G6	G7	G9

*For swing type only A=90mm 3.54inch

STANDARD PORT — FIG. HL 40 - HL 50 - HL 60		1/2	3/4	1	1 1/2	2
SIZE	inch mm	15	20	25	40	50
A	inch mm	3.15 80	3.54 90	4.33 110	5.91 150	7.09 180
B	inch mm	2.17 55	2.36 60	3.07 78	3.62 92	4.25 108
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	1.5 38	1.89 48	2.52 64	3.07 78
Weight	lb. kg	2.75 1.3	3.5 1.6	6.25 2.8	12.25 5.6	19.75 9.0
GASKET		G2	G2	G3	G6	G7

FULL PORT — FIG. 9H 40 - 9H 50 - 9H 60		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch mm	6	10	15	20	25	32	40	50
A	inch mm	3.54 90	3.54 90	4.33 110	5 127	5.91 150	7.09 180	8.27 210	8.27 210
B	inch mm	2.36 60	2.36 60	3.07 78	3.46 88	3.62 92	4.25 108	5.71 145	5.91 150
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	- -	- -	.55 14	.71 18	.94 24	1.18 30	1.44 36.6	1.89 48
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	3.75 1.7	3.75 1.7	6.75 3.1	10 4.6	14.25 6.5	23.25 10.6	41.75 19	41.75 19
GASKET		G1	G1	G2	G3	G4	G5	G7	G7

STANDARD PORT — FIG. 9HL 40 - 9HL 50 - 9HL 60		1/2	3/4	1	1 1/2	2
SIZE	inch mm	15	20	25	40	50
A	inch mm	3.54 90	4.33 110	5 127	7.09 180	8.27 210
B	inch mm	2.36 60	3.07 78	3.46 88	4.25 108	5.71 145
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	3.75 1.7	6.5 3	9.75 4.4	22 10	39.5 18
GASKET		G1	G2	G3	G5	G7



BONNEY FORGE

CHECK VALVES- BOLTED BONNET- FULL PORT

1500 LB.

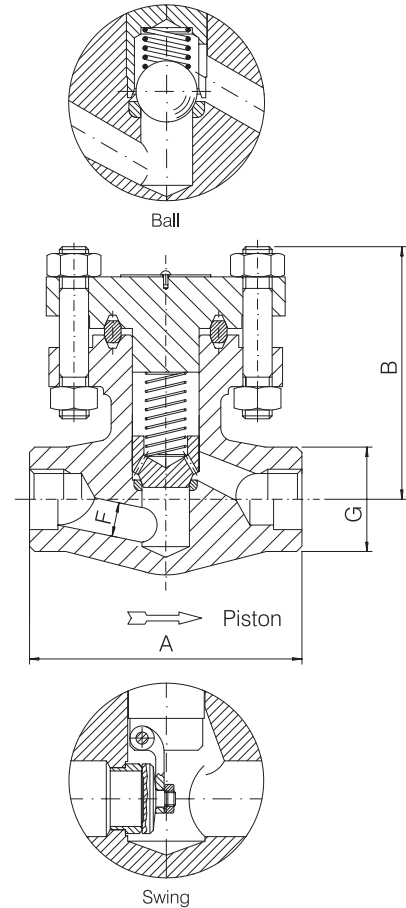
2500 LB.

Design construction:

ASME B16.34 - BS 5352
Testing according to API 598
Marking MSS SP25
Spring on request only
Oval ring joint gasket
Socket Weld Ends to ASME B16.11
Screwed Ends (NPT) to ASME B1.20.1
Butt Welding Ends to ASME B16.25

Ratings standard class:

- carbon steel class 1500 3705 psig @ 100°F
255 bar + 38°C
- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C



FULL PORT – FIG. 9HR 40 - 9HR 50 - 9HR 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	4.33 110	5.91 150	5.91 150	8.27 210	9.06 230
B	inch mm	3.78 96	5.04 128	5.04 128	6.10 155	7.68 195
F Piston/ F Ball	inch mm	.47 12	.59 15	.75 19	1.26 32	1.5 38
F Swing	inch mm	.55 14	.71 18	.94 24	1.44 36,6	1.89 48
G	inch mm	1.5 38	2.17 55	2.17 55	2.95 75	3.62 92
Weight	lb. kg	7 3,2	16 7,3	16 7,3	37,5 17	63,75 29
GASKET		R12	R17	R17	R20	R24

2500 LB.	FULL PORT – FIG. 25HR 40 - 25HR 50 - 25HR 60						
	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	5.91 150	5.91 150	8.27 210	9.06 230	9.06 230
	B	inch mm	5.04 128	5.04 128	5.98 152	7.48 190	7.48 190
	F Piston/ F Ball	inch mm	.43 11	.57 14,5	.75 19	1.10 28	1.38 35
	F Swing	inch mm	.45 11,5	.59 15	.77 19,5	1.10 28	1.38 35
	G	inch mm	2.17 55	2.17 55	2.95 75	3.74 95	3.74 95
	Weight	lb. kg	16.5 7,5	16.5 7,5	40.75 18,5	66 30	66 30
	GASKET		R16	R16	R17	R20	R20

CHECK VALVES- WELDED BONNET- FULL & STANDARD PORT

BONNEY FORGE

800 LB.

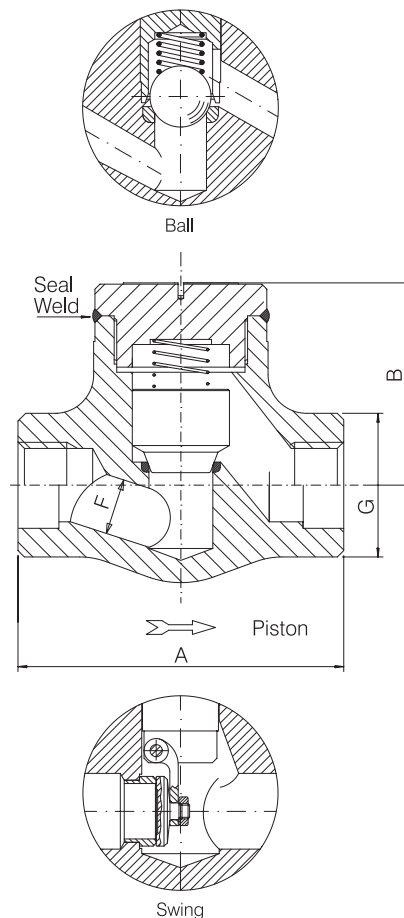
1500 LB.

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



800 LB.	FULL PORT — FIG. W 40 - W 50 - W 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	3.15 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	

1500 LB.

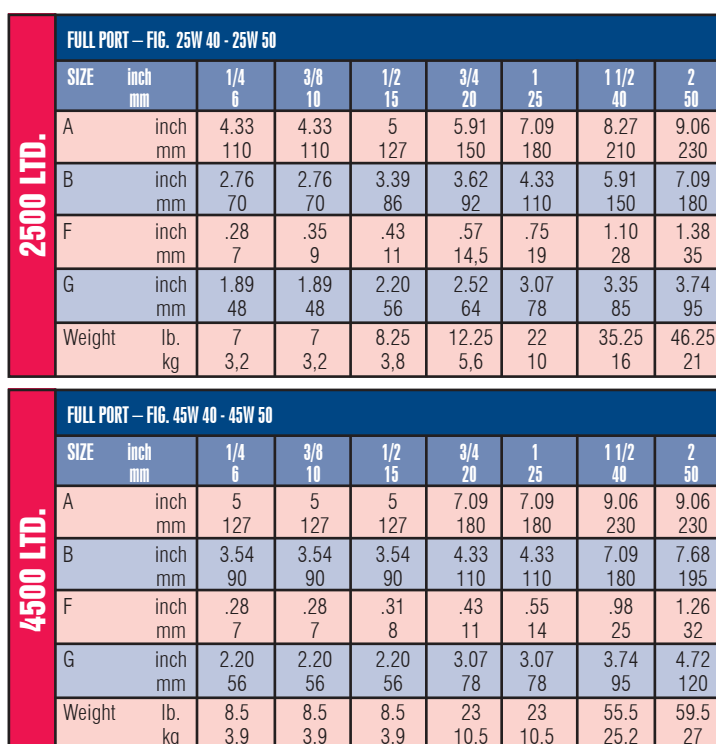
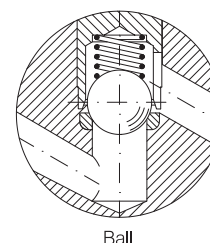
STANDARD PORT — FIG. 9WL 40 - 9WL 50 - 9WL 60						
SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
A	inch mm	3.54 90	4.33 110	5 127	7.09 180	8.27 210
B	inch mm	2.13 54	3 76	3.39 86	4.33 110	5.91 150
F Piston/ F Ball	inch mm	.35 9	.47 12	.59 15	1.06 27	1.26 32
F Swing	inch mm	.38 9.6	.55 14	.71 18	1.18 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



4500 LTD.

Ratings:

- carbon steel class 2500	6250 psig @ 100°F 431 bar + 38°C
- carbon steel class 4500	11250 psig @ 100°F 776 bar + 38°C



Materials and trim specifications Page 91

CHECK VALVES- WELDED BONNET- FULL PORT (Y TYPE)

BONNEY FORGE

800 LTD.

1690 LTD.

Design construction:

ASME B16.34 Limited Class - BS 5352

Testing according to API 598

Marking MSS SP25

Body bonnet weld to ASME IX

Spring on request only

Socket Weld Ends to ASME B16.11

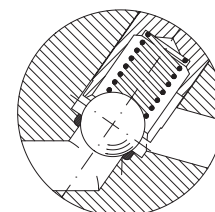
Screwed Ends (NPT) to ASME B1.20.1

Butt Welding Ends to ASME B16.25

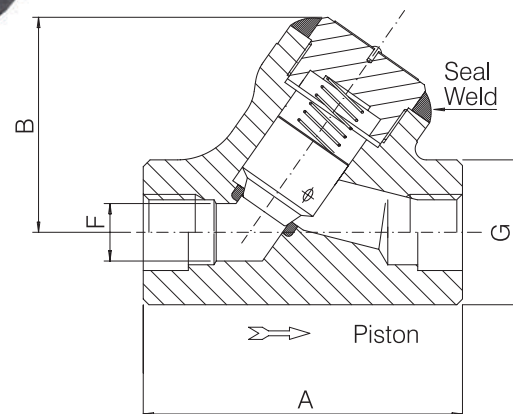
Ratings:

- carbon steel class 800 2000 psig @ 100°F
138 bar + 38°C

- carbon steel class 1690 4225 psig @ 100°F
291 bar + 38°C



Ball



800 LTD.	FULL PORT – FIG. Y 40 - Y 50									
	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	3.35 85	3.35 85	3.35 85	4.13 105	4.72 120	6.5 165	6.5 165	7.48 190
	B	inch mm	2.76 70	2.76 70	2.76 70	3.54 90	3.93 100	5.12 130	5.12 130	6.3 160
	F	inch mm	.28 7	.35 9	.51 13	.69 17,5	.89 22,5	1.16 29,5	1.38 35	1.77 45
	G	inch mm	1.50 38	1.50 38	1.50 38	1.89 48	2.20 56	3.07 78	3.07 78	3.35 85
	Weight	lb. kg	2.5 1,2	2.5 1,2	2.5 1,2	5 2,3	6.5 3	17.5 8	17.5 8	26.25 12

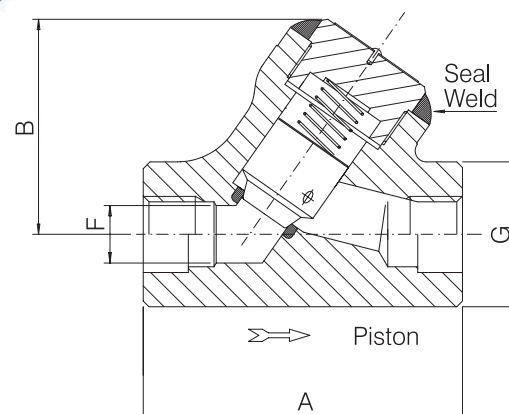
1690 LTD.	FULL PORT – FIG. 1690Y 40 - 1690Y 50									
	SIZE	inch mm	1/4 6	3/8 10	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40	2 50
	A	inch mm	3.35 85	3.35 85	4.13 105	4.72 120	6.5 165	6.5 165	7.48 190	8.66 220
	B	inch mm	2.76 70	2.76 70	3.54 90	3.93 100	5.12 130	5.12 130	6.3 160	7.68 195
	F	inch mm	.28 7	.35 9	.47 12	.59 15	.79 20	1.06 27	1.26 32	1.57 40
	G	inch mm	1.50 38	1.50 38	1.89 48	2.20 56	3.07 78	3.07 78	3.35 85	3.74 95
	Weight	lb. kg	2.5 1.2	2.5 1.2	5.25 2.4	7.75 3.6	20.5 9.3	28.5 13	29.75 13.5	39.5 18

Materials and trim specifications Page 91



4500 LTD.

11250 psig (@ 100°F)



Note: Thread End Valves are limited to ASME B16.34 2500 Pressure Class.

Available with Socket Weld or Butt-Weld Ends only.

30



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

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

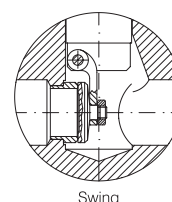
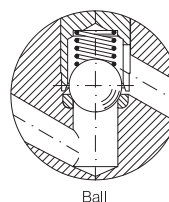
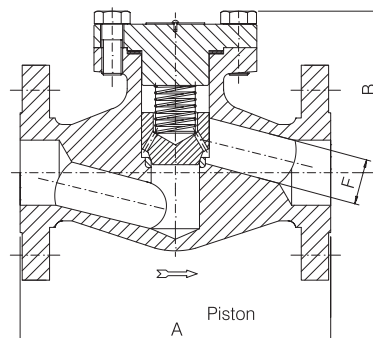
Ratings:

- carbon steel class 150 285 psig @ 100°F

20 bar + 38°C

- carbon steel class 300 740 psig @ 100°F

51 bar + 38°C



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

STANDARD 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

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

STANDARD 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



BONNEY FORGE

INTEGRAL FLANGED VALVES- CHECK TYPE- BOLTED BONNET- FULL & STANDARD PORT

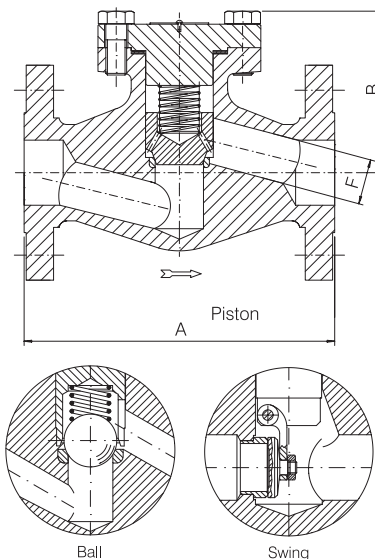
600 LB.

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 600 1480 psig @ 100°F
 102 bar + 38°C



600 LB.	FULL PORT – FIG. 6 40, 6 50, 6 60						
	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	6.50 165	7.51 191	8.50 216	9.50 241	11.50 292
	B	inch mm	2.95 75	3.54 90	3.94 100	4.72 120	5.91 150
	F Piston/	inch	.51	.68	.88	1.38	1.77
	F Ball	mm	13	17,5	22,5	35	45
	F Swing	inch	.55	.71	.94	1.46	1.89
		mm	14	18	24	36,6	48
	Weight	lb. kg	8.25 3,8	14.25 6,5	18.5 8,5	35.25 16	50.5 23
	GASKET		G2	G3	G4	G7	G9

600 LB.	STANDARD PORT – FIG. L6 40, L6 50, L6 60						
	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	6.50 165	7.51 191	8.50 216	9.50 241	11.50 292
	B	inch mm	2.83 72	3.15 80	3.35 85	4.53 115	5.12 130
	F Piston/	inch	.35	.51	.68	1.16	1.38
	F Ball	mm	9	13	17,5	29,5	35
	F Swing	inch	.39	.55	.68	1.16	1.46
		mm	9,6	14	17,5	29,5	36,6
	Weight	lb. kg	7.5 3,5	12.5 5,7	17.5 8	31.75 14,5	43 19,5
	GASKET		G2	G2	G3	G6	G7

INTEGRAL FLANGED VALVES- CHECK TYPE- BOLTED BONNET- FULL PORT

BONNEY FORGE

1500 LB.

Design construction:

ASME B16.34 - BS 5352

Full Port Type

Testing according to API 598

Marking MSS SP25

Spring available on request for Piston

and Ball Check Valves

Ring joint type gasket available on request

Spiral wound gasket

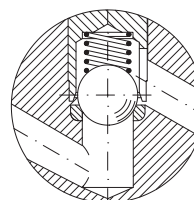
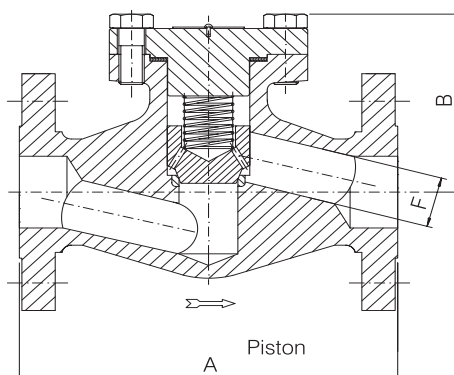
Integral body flanges

Face to face according to ASME B16.10

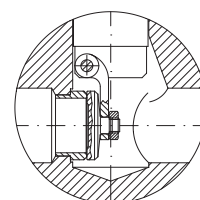
Flanges according to ASME B16.5

Ratings:

- carbon steel class 1500 3705 psig @ 100°F
 255 bar + 38°C



Ball



Swing

FULL PORT – FIG. 15F 40, 15F 50, 15F 60						
1500 LB.	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40
			2			
	A	inch mm	8.50 216	9.02 229	10 254	12.01 305
	B	inch mm	4.13 105	4.92 125	5.31 135	6.10 155
	F Piston/ F Ball	inch mm	.47 12	.57 14,5	.75 19	1.22 31
	F Swing	inch mm	.55 14	.71 18	.94 24	1.46 36,6
	Weight	lb. kg	16.5 7,5	24.5 11,2	31.75 14,5	58.25 26,5
						110 50
	GASKET		G2	G3	G4	G7
						G8

INTEGRAL FLANGED VALVES- CHECK TYPE- BOLTED BONNET- FULL PORT

BONNEY FORGE

2500 LB.

Design construction:

ASME B16.34 - BS 5352

Full Port Type

Testing according to API 598

Marking MSS SP25

Body Bonnet Gasket ring joint type

Spiral wound type gasket on request

Spring available on request for Piston

and Ball Check Valves

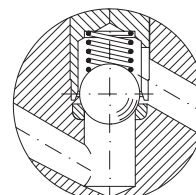
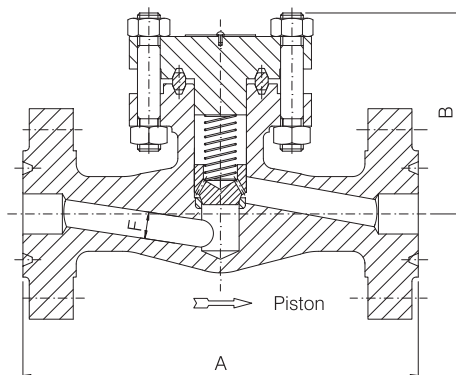
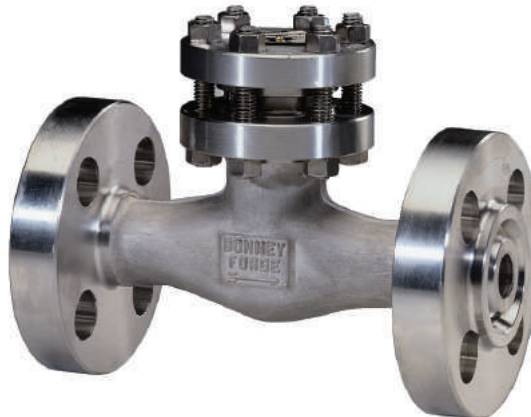
Integral body flanges

Face to face according to ASME B16.10

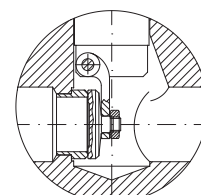
Flanges according to ASME B16.5

Ratings:

- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C



Ball



Swing

2500 LB.	FULL PORT – FIG. 25FR 40, 25FR 50, 25FR 60						
	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	10.39 264	10.75 273	12.13 308	15.25 387,5	17.87 454
	B	inch mm	5.04 128	5.12 130	5.98 152	7.40 188	7.48 190
	F Piston/ F Ball	inch mm	.43 11	.57 14,5	.75 19	1.10 28	1.38 35
	F Swing	inch mm	.45 11,5	.59 15	.76 19,5	1.10 28	1.38 35
	Weight	lb. kg	31.5 14,3	35.25 16	57.75 26,3	119 54	123.25 56
	GASKET		R16	R16	R16	R19	R20*