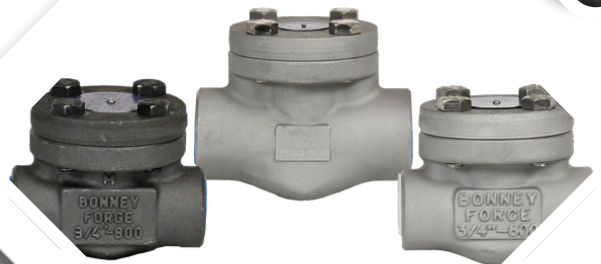


Bonney Forge

Brochure





Gate Valves



B[®] GATE VALVES- BOLTED BONNET- FULL PORT

BONNEY FORGE

1500 LB.

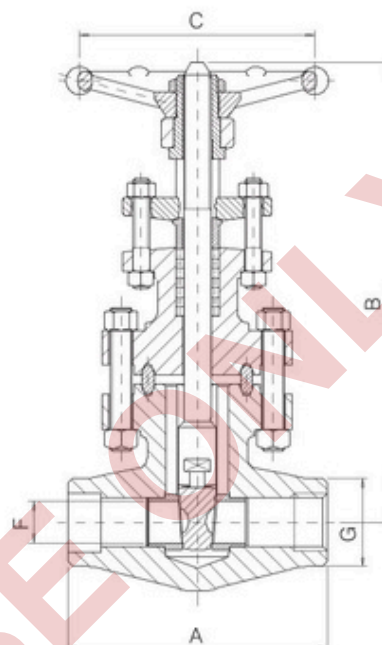
2500 LB.

Design construction:

ASME B16.34 - BS 5352
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
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 10							
1500 LB.	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/4 32	1 1/2 40
	A	inch mm	4.33 110	5.91 150	5.91 150	8.27 210	8.27 210
	B open	inch mm	9.17 233	11.38 289	11.54 293	14.06 357	14.41 366
	C	inch mm	5.43 138	5.43 138	5.43 138	6.77 172	6.77 172
	F	inch mm	.55 14	.71 18	.94 24	1.16 29.5	1.44 36.6
	G	inch mm	1.5 38	2.17 55	2.17 55	2.95 75	2.95 75
	Weight	lb. kg	11 5	20.25 9.2	20.25 9.2	44 20	44 20
	PACKING		BH5	2B4	2B4	2B5	BH8
	GASKET		R12	R17	R17	R20	R24

FULL PORT - FIG. 25HR 10							
2500 LB.	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 open	inch mm	11.10 282	11.3 287	13.70 348	15.98 406	17.20 437
	C	inch mm	5.43 138	5.43 138	6.77 172	9.21 234	9.21 234
	F	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	3.62 92	3.62 92
	Weight	lb. kg	22 10	22 10	48.5 22	81.5 37	79.25 36
	PACKING		2B4	2B4	BH8	9B8	25B8
	GASKET		R16	R16	R17	R20	R22

B GATE VALVES- BOLTED BONNET- FULL & STANDARD PORT

BONNEY FORGE

800 LB.

1500 LB.

Design construction:

API 602 - ASME B16.34 - BS 5352

Testing according to API 598

Marking MSS SP25

Outside Screw and Yoke (OS&Y)

Self aligning two piece packing gland

Spiral-wound gasket

Integral backseat

Socket Weld Ends to ASME B16.11

Screwed Ends (NPT) to ASME B1.20.1

Butt Welding Ends to ASME B16.25

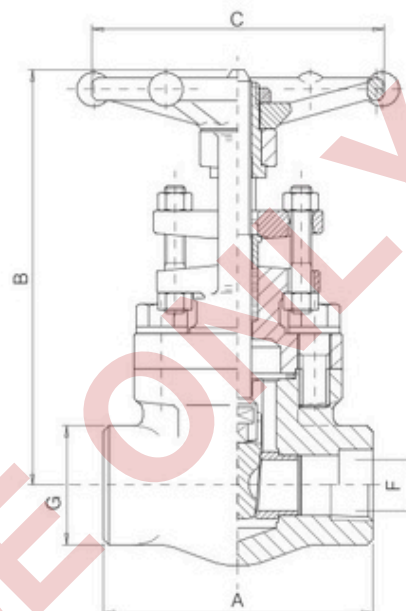
Ratings:

- 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 10									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	3.15	3.15	3.54	4.33	5	5	5.28	6
	mm	80	80	90	110	127	127	134	152
B open	inch	5.98	5.98	6.22	7.72	8.86	10.04	11.42	14.09
	mm	152	152	158	196	225	255	290	358
C	inch	3.46	3.46	3.46	3.82	5.43	5.43	5.43	6.77
	mm	88	88	88	97	138	138	138	172
F	inch	.31	.38	.55	.71	.94	1.18	1.48	1.83
	mm	8	9.6	14	18	24	30	36.5	46.5
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.	4.5	4.5	5	8.25	13	16.25	18.3	27.5
	kg	2.1	2.1	2.3	3.7	5.9	7.4	8.3	12.5
PACKING		BH2	BH2	BH2	BH4	BH5	BH6	BY5	BH8
GASKET		G2	G2	G2	G3	G4	G6	G11	G10

STANDARD PORT - FIG. H 10									
SIZE	inch	1/2	3/4	1	1 1/2	2	3		
	mm	15	20	25	40	50	80		
A	inch	3.15	3.54	4.33	5	5.28	8.86		
	mm	80	90	110	127	134	225		
B open	inch	5.98	6.22	7.72	10.04	11.42	12.35		
	mm	152	158	196	255	290	313		
C	inch	3.46	3.46	3.82	5.43	5.43	6.77		
	mm	88	88	97	138	138	172		
F	inch	.38	.55	.71	1.18	1.48	1.97		
	mm	9.6	14	18	30	37.5	50		
G	inch	1.26	1.5	1.89	2.52	3.07	4.65		
	mm	32	38	48	64	78	118		
Weight	lb.	4.25	5	7.75	16	16.75	38		
	kg	1.9	2.3	3.6	7.3	7.6	17.2		
PACKING		BH2	BH2	BH4	BH6	BY5	BH8		
GASKET		G2	G2	G3	G6	G11	G10		

FULL PORT - FIG. SH 10									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	3.54	3.54	4.33	5	5	5	5	8.27
	mm	90	90	110	127	127	127	127	210
B open	inch	6.02	6.02	7.48	8.66	9.84	11.10	11.42	13.58
	mm	153	153	190	220	250	282	290	345
C	inch	3.46	3.46	3.82	5.43	5.43	5.43	5.43	6.77
	mm	88	88	97	138	138	138	138	172
F	inch	.31	.38	.55	.71	.94	1.18	1.48	1.89
	mm	8	9.6	14	18	24	30	36.5	48
G	inch	1.50	1.50	1.89	2.20	2.52	3.07	3.07	3.35
	mm	38	38	48	56	64	78	78	85
Weight	lb.	5.25	5.25	9	13.75	17.5	23	24.25	44
	kg	2.4	2.4	4.1	6.2	8	10.5	11	20
PACKING		BH3	BH3	BH5	BH6	2B4	BY7	2B5	9B8
GASKET		G1	G1	G2	G3	G4	G5	G7	G8

STANDARD PORT - FIG. SH 10									
SIZE	inch	1/2	3/4	1	1 1/2	2			
	mm	15	20	25	40	50			
A	inch	3.54	4.33	5	5	8.27			
	mm	90	110	127	127	210			
B open	inch	5.98	7.48	8.66	11.10	13.58			
	mm	152	190	220	282	345			
C	inch	3.46	3.82	5.43	5.43	5.43			
	mm	88	97	138	138	138			
F	inch	.38	.55	.71	1.18	1.48			
	mm	9.6	14	18	30	36.5			
G	inch	1.5	1.89	2.20	3.07	3.35			
	mm	38	48	56	78	85			
Weight	lb.	5.25	8.5	13.25	23.75	45.25			
	kg	2.4	3.9	6.1	10.8	20.5			
PACKING		BH3	BH5	BH6	2B5	BH8			
GASKET		G1	G2	G3	G5	G7			



BONNEY FORGE

GATE VALVES- WELDED BONNET- FULL & STANDARD PORT

800 LB.

1500 LB.

Design construction:

API 602 - ASME B16.34 - BS 5352

Testing according to API 598

Marking MSS SP25

Outside Screw and Yoke (OS&Y)

Self aligning two piece packing gland

Integral backseat

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

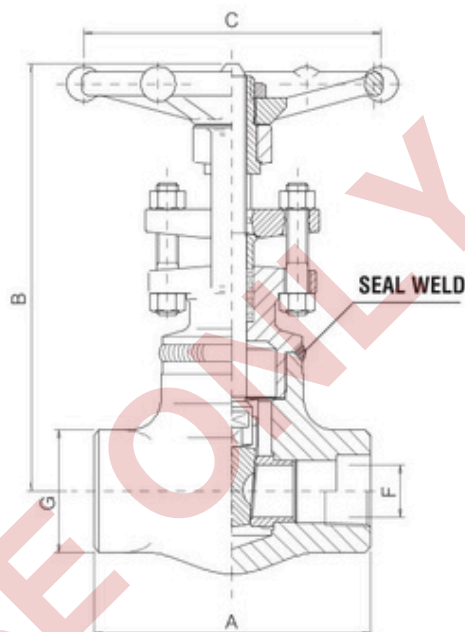
Ratings:

- 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 10									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	3.15	3.15	3.54	4.33	5	5	5	8.27
	mm	80	80	90	110	127	127	127	210
B open	inch	5.98	5.98	6.22	7.72	8.66	10.04	11.42	14.09
	mm	152	152	158	196	225	255	290	358
C	inch	3.46	3.46	3.46	3.82	5.43	5.43	5.43	6.77
	mm	88	88	88	97	138	138	138	172
F	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	1.5	1.89	2.20	2.52	3.07	3.35
	mm	32	32	38	48	56	64	78	85
Weight	lb.	3.25	3.25	4.25	7.75	11	14.25	20.75	35.25
	kg	1.5	1.5	2	3.5	5	6.5	9.5	16
PACKING		BH2	BH2	BH2	BH4	BH5	BH6	BY5	BH8

STANDARD PORT - FIG. WL 10									
SIZE	inch	1/2	3/4	1	1 1/2	2			
	mm	15	20	25	40	50			
A	inch	3.15	3.54	4.33	5	5			
	mm	80	90	110	127	127			
B open	inch	5.98	6.22	7.72	10.04	11.42			
	mm	152	158	196	255	290			
C	inch	3.46	3.46	3.82	5.43	5.43			
	mm	88	88	97	138	138			
F	inch	.38	.55	.71	1.18	1.48			
	mm	9.6	14	18	30	37.5			
G	inch	1.26	1.5	1.89	2.52	3.07			
	mm	32	38	48	64	78			
Weight	lb.	3.5	3.75	6.25	13.25	18			
	kg	1.6	1.8	2.9	6.1	8.2			
PACKING		BH2	BH2	BH4	BH6	BY5			

FULL PORT - FIG. 9W 10									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	50
A	inch	3.54	3.54	4.33	5	5	5	5	8.27
	mm	90	90	110	127	127	127	127	210
B open	inch	6.02	6.02	7.48	8.66	9.84	11.10	11.42	13.58
	mm	153	153	190	220	250	282	290	345
C	inch	3.46	3.46	3.82	5.43	5.43	5.43	5.43	6.77
	mm	88	88	97	138	138	138	138	172
F	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	1.5	1.5	1.89	2.20	2.52	3.07	3.07	3.35
	mm	38	38	48	56	64	78	78	85
Weight	lb.	4.25	4.25	7.5	11.25	15.25	22	23	41.75
	kg	2.0	2.0	3.4	5.1	7	10	10.5	19
PACKING		BH3	BH3	BH5	BH6	2B4	BY7	2B5	9B8

STANDARD PORT - FIG. 9WL 10									
SIZE	inch	1/2	3/4	1	1 1/2	2			
	mm	15	20	25	40	50			
A	inch	3.54	4.33	5	5	8.27			
	mm	90	110	127	127	210			
B open	inch	6.02	7.48	8.66	11.10	13.58			
	mm	153	190	220	282	345			
C	inch	3.46	3.82	5.43	5.43	5.43			
	mm	88	97	138	138	138			
F	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.	4.25	7.25	11.5	21.5	40.25			
	kg	2	3.3	5.3	9.8	18.3			
PACKING		BH3	BH5	BH6	2B5	BH8			

B[®] GATE VALVES- WELDED BONNET- FULL PORT

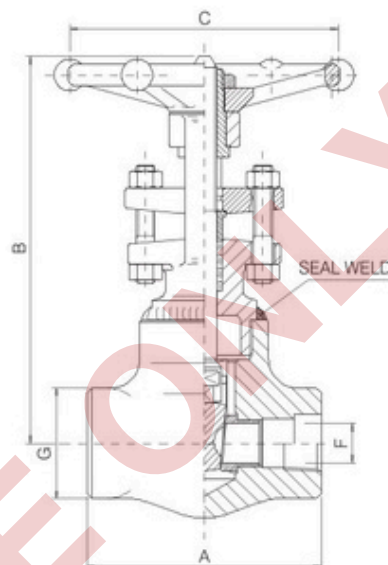
BONNEY FORGE

2500 LB.

4500 LB.

Design construction:

ASME B16.34
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
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 standard class:
- carbon steel class 2500 6170 psig @ 100°F
425 bar + 38°C
- carbon steel class 4500 11100 psig @ 100°F
765 bar + 38°C



2500 LB.

FULL PORT - FIG. 25W 10										
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	4.33 110	4.33 110	5 127	5 127	5 127	5 127	8.27 210	9.06 230	
B open	inch mm	7.20 183	7.20 183	8.43 214	9.61 244	10.87 276	10.87 276	13.27 337	15.91 404	
C	inch mm	3.82 97	3.82 97	5.43 138	5.43 138	5.43 138	5.43 138	6.77 172	9.21 234	
F	inch mm	.31 8	.31 8	.45 11.5	.59 15	.77 19.5	.98 25	1.10 28	1.42 36	
G	inch mm	1.89 48	1.89 48	2.20 56	2.52 64	3.07 78	3.07 78	3.35 85	3.74 95	
Weight	lb. kg	11.25 5.2	11.5 5.3	11.75 5.4	15.75 7.2	21.5 9.8	21.5 9.8	43 19.5	63.75 29	
PACKING		283	283	283	284	285	285	285	288	

FULL PORT - FIG. 45W 10							
4500 LB.	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40	2 50
	A	inch mm	5 127	5 127	9.06 230	9.06 230	17.76 451
	B open	inch mm	10.39 264	10.83 275	14.37 365	15.75 400	17.56 446
	C	inch mm	5.43 138	6.61 168	9.21 234	12.60 320	12.60 320
	F	inch mm	.30 7.5	.45 11.5	.59 15	1.02 26	1.02 26
	G	inch mm	3.07 78	3.07 78	3.74 95	3.74 95	4.72 120
	Weight	lb. kg	22 10	26.5 12	40.8 18.5	59.5 27	81.5 37
	PACKING		284	284	288	288	488

Available with Socket Weld or Butt-Weld Ends Only.



Globe Valves





BONNEY FORGE

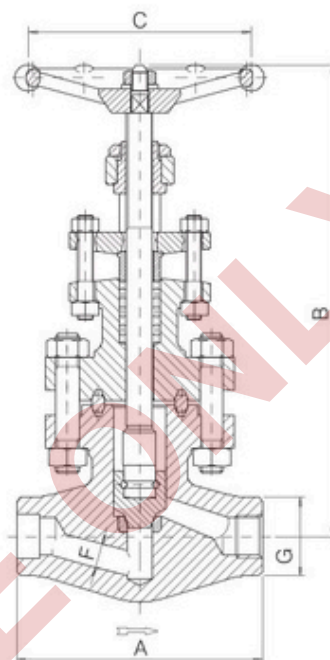
GLOBE VALVES- BOLTED BONNET- FULL PORT

1500 LB.

2500 LB.

Design construction:

ASME B16.34 - BS 5352
Testing according to API 598
Marking MSS SP55
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
Oval ring joint gasket
Loose solid disc
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 30		SIZE	inch	mm	1/2	3/4	1	1 1/2	2
					15	20	25	40	50
1500 LB.	A	inch	4.33	110	5.91	5.91	8.27	9.06	9.06
		mm	110	150	150	210	230	230	230
	B open	inch	9.53	242	12.20	12.20	14.57	18.31	18.31
		mm	242	310	310	370	465	465	465
	C	inch	5.43	138	5.43	5.43	6.77	9.21	9.21
		mm	138	138	138	172	234	234	234
	F	inch	.47	12	.59	.75	1.26	1.57	1.57
		mm	12	15	19	32	40	40	40
	G	inch	1.5	38	2.17	2.17	2.95	3.74	3.74
		mm	38	55	55	75	95	95	95
	Weight	lb.	11	22	22	46.25	79.25	79.25	79.25
		kg	5	10	10	21	36	36	36
	PACKING		2B3	2B4	2B4	2B5	2B8	2B8	2B8
	GASKET		R12	R17	R17	R20	R24	R24	R24

FULL PORT - FIG. 25HR 30		SIZE	inch	mm	1/2	3/4	1	1 1/2	2
					15	20	25	40	50
2500 LB.	A	inch	5.91	150	5.91	5.91	8.27	9.06	9.06
		mm	150	150	150	210	230	230	230
	B open	inch	11.97	304	11.97	11.97	14.25	17.17	17.17
		mm	304	304	304	362	436	436	436
	C	inch	5.43	138	5.43	5.43	6.77	9.21	9.21
		mm	138	138	138	172	234	234	234
	F	inch	.43	11	.57	.75	1.10	1.5	1.5
		mm	11	14.5	19	28	38	38	38
	G	inch	2.17	55	2.17	2.17	2.95	3.74	3.74
		mm	55	55	55	75	95	95	95
	Weight	lb.	22	22	48.5	83.75	83.75	83.75	83.75
		kg	10	10	22	38	38	38	38
	PACKING		2B4	2B4	2B4	2B8	2B8	4B8	4B8
	GASKET		R16	R16	R17	R20	R20	R20	R20



UNITED POWER
COMMERCIAL CORPORATION
ESTD. 1961

+63-939-913-0553
+63-917-8504-147
Fax#: 244-1234
Tel#: 244-7061-68

For Inquiries: sales10@upcc.com.ph
For Concerns: tiugregian@upcc1.com

7th floor, Banawe Lifestyle Center
Building, 86 Banawe St., Brgy., Sto.
Domingo, Quezon City, Philippines

B GLOBE VALVES- BOLTED BONNET- FULL & STANDARD PORT

BONNEY FORGE

800 LB.

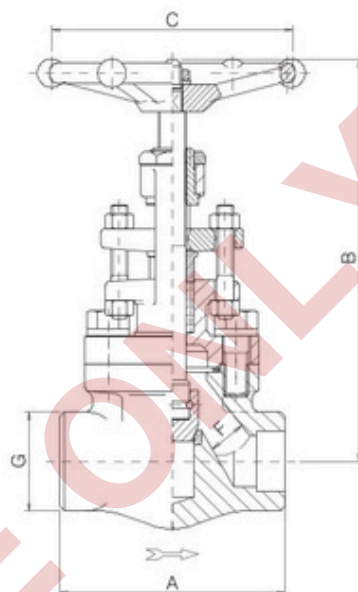
1500 LB.

Design construction:

ASME B16.34 - BS 5352
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Spiral-wound gasket
Integral backseat
Loose solid disc
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 30										
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	mm	6	10	15	20	25	32	40	50	
A	inch	3.15	3.15	3.54	4.33	5	6	7.09	8.27	
	mm	80	80	90	110	127	150	180	210	
B open	inch	6.54	6.54	6.73	8.39	9.72	10.16	11.81	14.76	
	mm	166	166	171	213	247	258	300	375	
C	inch	3.46	3.46	3.46	3.82	5.43	5.43	6.77	6.77	
	mm	88	88	88	97	138	138	172	172	
F	inch	.28	.35	.51	.69	.89	1.16	1.38	1.79	
	mm	7	9	13	17.5	22.5	29.5	35	45.5	
G	inch	1.26	1.26	1.5	1.89	2.20	2.52	3.07	3.35	
	mm	32	32	38	48	56	64	78	85	
Weight	lb.	4.75	4.75	5.25	8.25	13.25	16.75	27.5	43.25	
	kg	2.2	2.2	2.4	3.8	6.1	7.6	12.5	19.6	
PACKING		BH3	BH3	BH3	BH5	BY5	BY5	BY7	BH8	
GASKET		G2	G2	G2	G3	G4	G6	G7	G9	

STANDARD PORT - FIG. HL 30										
SIZE	inch	1/2	3/4	1	1 1/2	2				
	mm	15	20	25	40	50				
A	inch	3.15	3.54	4.33	6	7.09				
	mm	80	90	110	150	180				
B open	inch	6.54	6.73	8.39	10.16	11.81				
	mm	166	171	213	258	300				
C	inch	3.46	3.46	3.82	5.43	6.77				
	mm	88	88	97	138	172				
F	inch	.35	.51	.69	1.16	1.38				
	mm	9	13	17.5	29.5	35				
G	inch	1.26	1.5	1.89	2.52	3.07				
	mm	32	38	48	64	78				
Weight	lb.	4.5	5	8	16.25	26.25				
	kg	2.1	2.3	3.7	7.4	11.9				
PACKING		BH3	BH3	BH5	BY5	BY7				
GASKET		G2	G2	G3	G6	G7				

FULL PORT - FIG. SH 30										
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	
	mm	6	10	15	20	25	32	40	50	
A	inch	3.54	3.54	4.33	5	6	7.09	8.27	9.06	
	mm	90	90	110	127	150	180	210	230	
B open	inch	6.54	6.54	8.27	9.72	10.08	11.81	14.76	16.85	
	mm	166	166	210	247	256	300	375	428	
C	inch	3.46	3.46	3.82	5.43	5.43	6.77	6.77	9.21	
	mm	88	88	97	138	138	172	172	234	
F	inch	.28	.35	.47	.59	.79	1.06	1.26	1.57	
	mm	7	9	12	15	20	27	32	40	
G	inch	1.5	1.5	1.89	2.20	2.52	3.07	3.35	3.74	
	mm	38	38	48	56	64	78	85	95	
Weight	lb.	5.75	5.75	9.25	14.25	18.75	27.5	49	79.25	
	kg	2.6	2.6	4.2	6.5	8.5	12.5	22.3	36	
PACKING		BH3	BH3	BH5	2B4	2B4	2B5	BH8	9B8	
GASKET		G1	G1	G2	G3	G4	G5	G7	G8	

STANDARD PORT - FIG. SHL 30										
SIZE	inch	1/2	3/4	1	1 1/2	2				
	mm	15	20	25	40	50				
A	inch	3.54	4.33	5	7.09	8.27				
	mm	90	110	127	180	210				
B open	inch	6.54	8.27	9.84	11.81	14.76				
	mm	166	210	250	300	375				
C	inch	3.46	3.82	5.43	6.77	6.77				
	mm	88	97	138	172	172				
F	inch	.35	.47	.59	1.06	1.26				
	mm	9	12	15	27	32				
G	inch	1.5	1.89	2.20	3.07	3.35				
	mm	38	48	56	78	85				
Weight	lb.	5.25	8.75	14.25	28.5	48.5				
	kg	2.4	4	6.5	13	22				
PACKING		BH3	BH5	2B4	2B5	BH8				
GASKET		G1	G2	G3	G5	G7				



BONNEY FORGE

GLOBE 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

Outside Screw and Yoke (OS&Y)

Self aligning two piece packing gland

Integral backseat

Body bonnet weld to ASME IX

Loose solid disc

Socket Weld Ends to ASME B16.11

Screwed Ends (NPT) to ASME B1.20.1

Butt Welding Ends to ASME B16.25

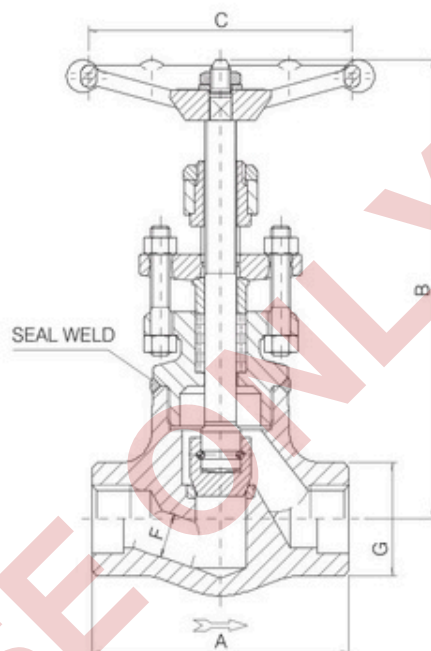
Ratings:

- 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 30									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	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 open	inch	6.54	6.54	6.73	8.39	9.72	10.12	11.81	14.76
	mm	166	166	171	213	247	258	300	375
C	inch	3.46	3.46	3.46	3.82	5.43	5.43	6.77	6.77
	mm	88	88	88	97	138	138	172	172
F	inch	.28	.35	.51	.69	.89	1.16	1.38	1.77
	mm	7	9	13	17.5	22.5	29.5	35	45
G	inch	1.26	1.26	1.5	1.89	2.20	2.52	3.07	3.35
	mm	32	32	38	48	56	64	78	85
Weight	lb.	3.75	3.75	4.25	6.5	11	14.75	24.25	36.25
	kg	1.7	1.8	2	3	5	6.8	11	16.5
PACKING		BH3	BH3	BH3	BH5	BY5	BY5	BY7	BH8

STANDARD PORT - FIG. WL 30									
SIZE	inch	1/2	3/4	1	1 1/4	1 1/2	2		
	mm	15	20	25	32	40	50		
A	inch	3.15	3.54	4.33	5.91	7.09	8.27		
	mm	80	90	110	150	180	210		
B open	inch	6.54	6.73	8.39	10.12	11.81	14.76		
	mm	166	171	213	258	300	375		
C	inch	3.46	3.46	3.82	5.43	6.77	6.77		
	mm	88	88	97	138	172	172		
F	inch	.35	.51	.69	1.16	1.38	1.77		
	mm	9	13	17.5	29.5	35	45		
G	inch	1.26	1.5	1.89	2.52	3.07	3.35		
	mm	32	38	48	64	78	85		
Weight	lb.	3.75	4.25	6.5	14.5	22.75	36.25		
	kg	1.7	2	3	6.6	10.4	16.5		
PACKING		BH3	BH3	BH5	BY5	BY7			

FULL PORT - FIG. 91V 30									
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
	mm	6	10	15	20	25	32	40	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 open	inch	6.54	6.54	8.27	9.72	10.08	11.81	14.76	16.85
	mm	166	166	210	247	256	300	375	428
C	inch	3.46	3.46	3.82	5.43	5.43	6.77	6.77	9.21
	mm	88	88	97	138	138	172	172	234
F	inch	.28	.35	.47	.59	.79	1.06	1.26	1.57
	mm	7	9	12	15	20	27	32	40
G	inch	1.5	1.5	1.89	2.20	2.52	3.07	3.35	3.74
	mm	38	38	48	56	64	78	85	95
Weight	lb.	4.75	4.75	7.75	12	16.75	22	44	66
	kg	2.2	2.2	3.5	5.5	7.6	10	20	30
PACKING		BH3	BH3	BH5	2B4	2B4	2B5	BH8	25B8

STANDARD PORT - FIG. 91V 30									
SIZE	inch	1/2	3/4	1	1 1/4	1 1/2	2		
	mm	15	20	25	32	40	50		
A	inch	3.54	4.33	5	7.09	8.27	9.06		
	mm	90	110	127	180	210	230		
B open	inch	6.54	8.27	9.72	11.81	14.76	16.85		
	mm	166	210	247	300	375	428		
C	inch	3.46	3.82	5.43	6.77	6.77	9.21		
	mm	88	97	138	172	172	234		
F	inch	.35	.47	.59	1.06	1.26	1.57		
	mm	9	12	15	27	32	40		
G	inch	1.5	1.89	2.20	3.07	3.35	3.74		
	mm	38	48	56	78	85	95		
Weight	lb.	4.25	7.75	12	26.25	41.75	66		
	kg	2	3.5	5.5	12	19	30		
PACKING		BH3	BH5	2B4	2B5	BH8			



UNITED POWER
COMMERCIAL CORPORATION
ESTD. 1981

+63-939-913-0553
+63-917-8504-147
Fax#: 244-1234
Tel#: 244-7061-68

For Inquiries: sales10@upcc.com.ph
For Concerns: tiugregian@upcc1.com

7th floor, Banawe Lifestyle Center
Building, 86 Banawe St., Brgy., Sto.
Domingo, Quezon City, Philippines

B GLOBE VALVES- WELDED BONNET- FULL PORT

BONNEY FORGE

2500 LTD.

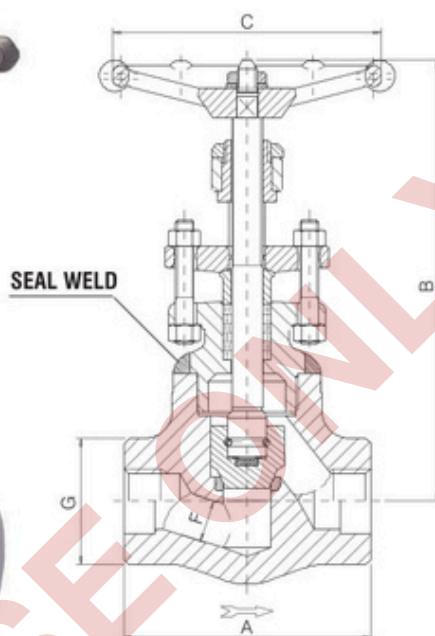
4500 LTD.

Design construction:

ASME B16.34 Limited Class
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
Body bonnet weld to ASME IX
Loose solid disc
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 2500 6250 psig @ 100°F
431 bar + 38°C
- carbon steel class 4500 11250 psig @ 100°F
776 bar + 38°C



FULL PORT - FIG. 25W 30		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch	6	10	15	20	25	32	40	50
	mm								
2500 LTD.	A	4.33	4.33	5	5.91	7.09	7.09	8.27	9.06
		110	110	127	150	180	180	210	230
	B open	7.48	7.48	8.9	9.72	11.34	11.34	14.17	16.54
		190	190	226	247	288	288	360	420
	C	3.46	3.46	5.43	5.43	5.43	5.43	6.77	9.21
		88	88	138	138	138	138	172	234
	F	.28	.35	.43	.57	.75	.87	1.10	1.38
		7	9	11	14.5	19	22	28	35
	G	1.89	1.89	2.20	2.52	3.07	3.07	3.35	3.74
		48	48	56	64	78	78	85	95
	Weight	9.75	10.25	12	17.5	28.5	28.5	43.5	66
		4.5	4.7	5.5	8	13	13	19.8	30
	PACKING	BH4	BH4	2B4	2B4	2B5	2B5	9B8	4B8
FULL PORT - FIG. 45W 30		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch	6	10	15	20	25	32	40	50
	mm								
4500 LTD.	A	5	5	5	7.09	7.09	9.06	9.06	9.06
		127	127	127	180	180	230	230	230
	B open	9.06	9.06	9.25	11.81	11.81	14.57	15.75	15.75
		230	230	235	300	300	370	400	400
	C	5.43	5.43	5.43	6.77	6.77	9.21	15.75	15.75
		138	138	138	172	172	234	400	400
	F	.28	.28	.31	.43	.55	.98	1.26	1.26
		7	7	8	11	14	25	32	32
	G	2.20	2.20	2.20	3.07	3.07	3.74	4.72	4.72
		56	56	56	78	78	95	120	120
	Weight	14.25	14.25	14.25	33	33	55	66	66
		6.5	6.5	6.5	15	15	25	30	30
	PACKING	2B3	2B3	2B3	2B4	2B4	2B8	4B8	4B8

Available with Socket Weld or Butt-Weld Ends only.

B GLOBE VALVES- WELDED BONNET- FULL PORT (Y TYPE)

BONNEY FORGE

800 LTD.

1690 LTD.

Design construction:

ASME B16.34 Limited Class
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
Body bonnet weld to ASME IX
Loose solid disc
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



FULL PORT - FIG. Y 30		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch	6	10	15	20	25	32	40	50
A	inch	3.35	3.35	3.35	4.13	4.72	6.5	6.5	7.48
	mm	85	85	85	105	120	165	165	190
B open	inch	6.85	6.85	6.85	8.46	10.04	10.04	12.52	14.76
	mm	174	174	174	215	255	255	318	375
C	inch	3.46	3.46	3.46	3.82	5.43	6.77	6.77	6.77
	mm	88	88	88	97	138	172	172	172
F	inch	.28	.35	.51	.69	.89	1.38	1.38	1.77
	mm	7	9	13	17.5	22.5	35	35	45
G	inch	1.5	1.5	1.5	1.89	2.20	3.07	3.07	3.35
	mm	38	38	38	48	56	78	78	85
Weight	lb.	4.25	4.25	4.25	7.25	11	24.25	24.25	33
	kg	2	2	2	3.3	5	11	11	15
PACKING		BH3	BH3	BH3	BH5	BY5	BY7	BY7	BH8

FULL PORT - FIG. 1690Y 30		1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2
SIZE	inch	6	10	15	20	25	32	40	50
A	inch	3.35	3.35	4.13	4.72	6.5	6.5	7.48	8.66
	mm	85	85	105	120	165	165	190	220
B open	inch	6.89	6.89	8.46	10.04	11.02	12.40	14.96	17.72
	mm	175	175	215	255	280	315	380	450
C	inch	3.46	3.46	3.82	5.43	5.43	6.77	6.77	9.21
	mm	88	88	97	138	138	172	172	234
F	inch	.28	.35	.47	.59	.79	1.06	1.26	1.57
	mm	7	9	12	15	20	27	32	40
G	inch	1.5	1.5	1.89	2.20	3.07	3.07	3.35	3.74
	mm	38	38	48	56	78	78	85	95
Weight	lb.	4.25	4.25	7.75	11.5	24.25	24.25	36.25	57.25
	kg	2	2	3.5	5.3	11	11	16.5	26
PACKING		BH3	BH3	BH5	2B4	2B4	BY7	BH8	2B8

B GLOBE VALVES- WELDED BONNET- FULL PORT (Y TYPE)

BONNEY FORGE

2680 LTD.

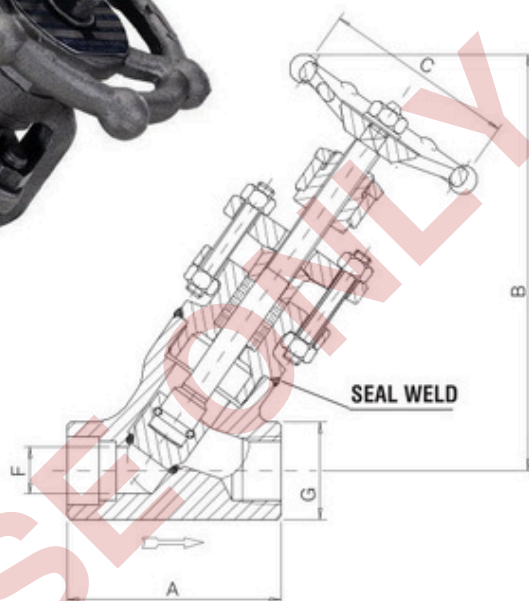
4500 LTD.

Design construction:

ASME B16.34 Limited Class
Testing according to API 598
Marking MSS SP25
Outside Screw and Yoke (OS&Y)
Self aligning two piece packing gland
Integral backseat
Body bonnet weld to ASME IX
Loose solid disc
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 2680 6700 psig @ 100°F
462 bar + 38°C
- carbon steel class 4500 11250 psig @ 100°F
776 bar + 38°C



FULL PORT - FIG. 2680Y 30								
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2	2
	mm	6	10	15	20	25	40	50
A	inch	4.13	4.13	4.72	6.5	6.5	7.48	8.66
	mm	105	105	120	165	165	190	220
B open	inch	8.13	8.63	9.45	10.83	12.20	14.17	17.44
	mm	206	219	240	275	310	360	443
C	inch	3.46	3.46	5.43	5.43	5.43	6.77	9.21
	mm	88	88	138	138	138	172	234
F	inch	.28	.35	.43	.57	.75	1.10	1.38
	mm	7	9	11	14.5	19	28	35
G	inch	1.89	1.89	2.20	3.07	3.07	3.35	3.74
	mm	48	48	56	78	78	85	95
Weight	lb.	7.75	7.75	11	25.25	27.5	37.25	67
	kg	3.5	3.5	5	11.5	12.5	17	30
PACKING		BH4	BH4	2B4	2B4	2B5	9B8	4B8

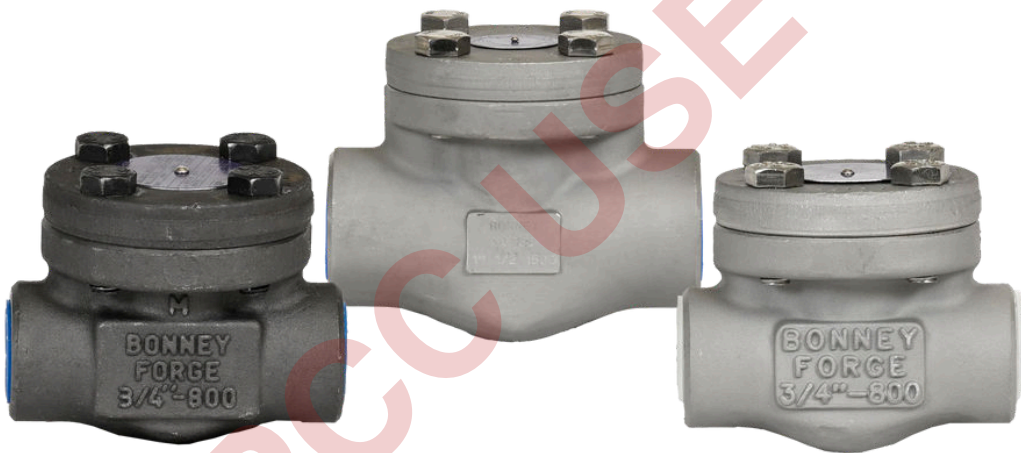
Note: Thread End Valves are limited to ASME B16.34, 2500 Pressure Class.

FULL PORT - FIG. 45Y 30								
SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2	2
	mm	6	10	15	20	25	40	50
A	inch	4.72	4.72	4.72	6.5	6.5	8.66	9.06
	mm	120	120	120	165	165	220	230
B open	inch	9.45	9.45	9.65	12.69	12.69	16.54	17.72
	mm	240	240	245	322	322	420	450
C	inch	5.43	5.43	5.43	6.77	6.77	9.21	15.75
	mm	138	138	138	172	172	234	400
F	inch	.28	.28	.31	.43	.55	.98	1.26
	mm	7	7	8	11	14	25	32
G	inch	2.20	2.20	2.20	3.07	3.07	3.74	4.72
	mm	56	56	56	78	78	95	120
Weight	lb.	12	12	12.25	30.75	30.75	61.75	70.5
	kg	5.5	5.5	5.6	14	14	28	32
PACKING		2B3	2B3	2B3	2B4A	4B5	2B8	4B8

Available with Socket Weld or Butti-Weld Ends only.



Check Valves



B[®] CHECK VALVES- BOLTED BONNET- FULL & STANDARD PORT

BONNEY FORGE

800 LB.

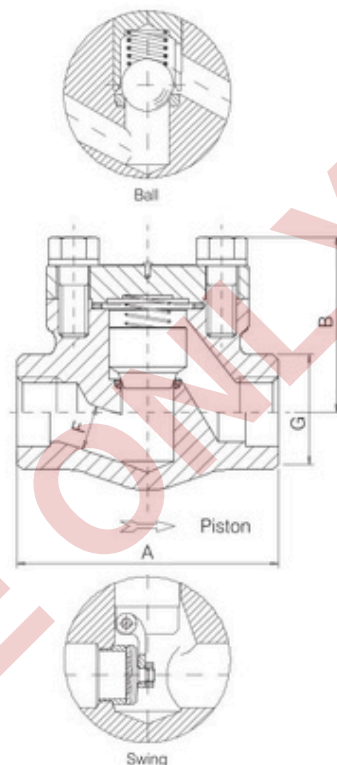
1500 LB.

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									
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	4.25 108	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

800 LB.

STANDARD PORT – FIG. HL 40 - HL 50 - HL 60						
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	2.17 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									
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	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

1500 LB.

STANDARD PORT - FIG. 9HL 40 - 9HL 50 - 9HL 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	2.36 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

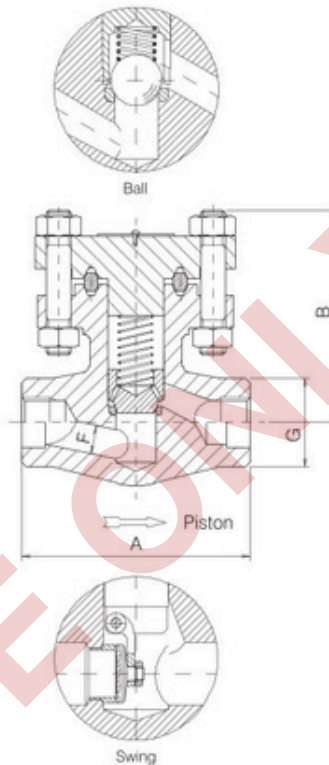
Screwed Ends (NPT) to ASME B1.20.1

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						
1500 LB.	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40
	A	inch mm	4.33 110	5.91 150	5.91 150	8.27 210
	B	inch mm	3.78 96	5.04 128	5.04 128	6.10 155
	F Piston/ F Ball	inch mm	.47 12	.59 15	.75 19	1.26 32
	F Swing	inch mm	.55 14	.71 18	.94 24	1.44 36.6
	G	inch mm	1.5 38	2.17 55	2.17 55	2.95 75
	Weight	lb. kg	7 3.2	16 7.3	16 7.3	37.5 17
	GASKET		R12	R17	R17	R20
						R24

FULL PORT - FIG. 25HR 40 - 25HR 50 - 25HR 60						
2500 LB.	SIZE	inch mm	1/2 15	3/4 20	1 25	1 1/2 40
	A	inch mm	5.91 150	5.91 150	8.27 210	9.06 230
	B	inch mm	5.04 128	5.04 128	5.98 152	7.48 190
	F Piston/ F Ball	inch mm	.43 11	.57 14.5	.75 19	1.10 28
	F Swing	inch mm	.45 11.5	.59 15	.77 19.5	1.10 28
	G	inch mm	2.17 55	2.17 55	2.95 75	3.74 95
	Weight	lb. kg	16.5 7.5	16.5 7.5	40.75 18.5	66 30
	GASKET		R16	R16	R17	R20
						R20

B[®] CHECK VALVES- WELDED BONNET- FULL & STANDARD PORT

BONNEY FORGE

800 LB.

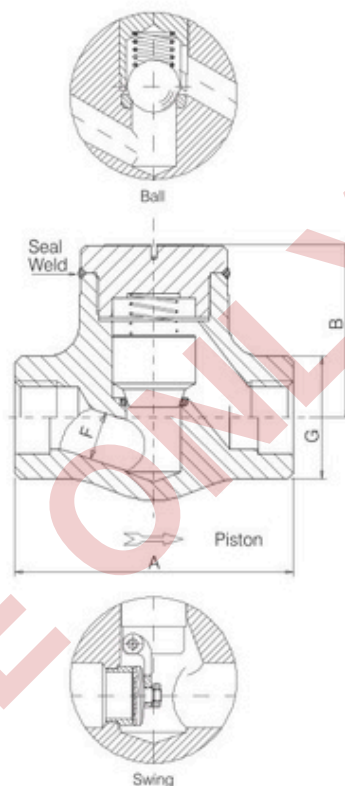
1500 LB.

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		

800 LB.		STANDARD PORT - FIG. WL 40 - WL 50 - WL 60									
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					

B[®] CHECK VALVES- WELDED BONNET- FULL PORT

BONNEY FORGE

2500 LTD.

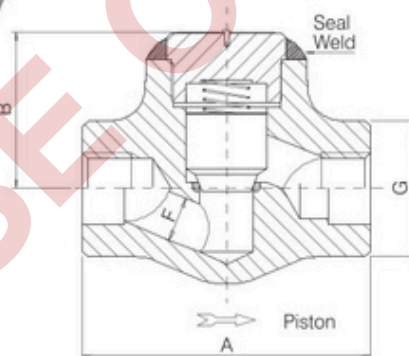
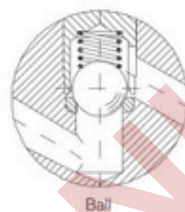
4500 LTD.

Design construction:

ASME B16.34 Limited Class
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 2500 6250 psig @ 100°F
431 bar + 38°C
- carbon steel class 4500 11250 psig @ 100°F
776 bar + 38°C



		FULL PORT - FIG. 25W 48 - 25W 50							
		SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2
2500 LTD.	A	inch	4.33	4.33	5	5.91	7.09	8.27	9.06
		mm	110	110	127	150	180	210	230
	B	inch	2.76	2.76	3.39	3.62	4.33	5.91	7.09
		mm	70	70	86	92	110	150	180
	F	inch	.28	.35	.43	.57	.75	1.10	1.38
		mm	7	9	11	14.5	19	28	35
	G	inch	1.89	1.89	2.20	2.52	3.07	3.35	3.74
		mm	48	48	56	64	78	85	95
	Weight	lb.	7	7	8.25	12.25	22	35.25	46.25
		kg	3.2	3.2	3.8	5.6	10	16	21
		FULL PORT - FIG. 45W 48 - 45W 50							
		SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2
4500 LTD.	A	inch	5	5	5	7.09	7.09	9.06	9.06
		mm	127	127	127	180	180	230	230
	B	inch	3.54	3.54	3.54	4.33	4.33	7.09	7.68
		mm	90	90	90	110	110	180	195
	F	inch	.28	.28	.31	.43	.55	.98	1.26
		mm	7	7	8	11	14	25	32
	G	inch	2.20	2.20	2.20	3.07	3.07	3.74	4.72
		mm	56	56	56	78	78	95	120
	Weight	lb.	8.5	8.5	8.5	23	23	55.5	59.5
		kg	3.9	3.9	3.9	10.5	10.5	25.2	27

Available with Socket Weld or Butt-Weld Ends only.

B[®] 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:

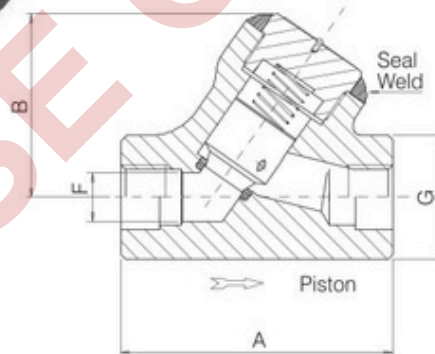
- carbon steel class 800 2000 psig @ 100°F

138 bar + 38°C

- carbon steel class 1690

4225 psig @ 100°F

291 bar + 38°C



FULL PORT - FIG. Y 40 - Y 50									
800 LTD.	SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2
		mm	6	10	15	20	25	32	40
	A	inch	3.35	3.35	3.35	4.13	4.72	6.5	6.5
		mm	85	85	85	105	120	165	165
	B	inch	2.76	2.76	2.76	3.54	3.93	5.12	5.12
		mm	70	70	70	90	100	130	130
	F	inch	.28	.35	.51	.69	.89	1.16	1.38
		mm	7	9	13	17.5	22.5	29.5	35
	G	inch	1.50	1.50	1.50	1.89	2.20	3.07	3.07
		mm	38	38	38	48	56	78	78
	Weight	lb.	2.5	2.5	2.5	5	6.5	17.5	17.5
		kg	1.2	1.2	1.2	2.3	3	8	8

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

B[®] CHECK VALVES- WELDED BONNET- FULL PORT (Y TYPE)

BONNEY FORGE

2680 LTD.

4500 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

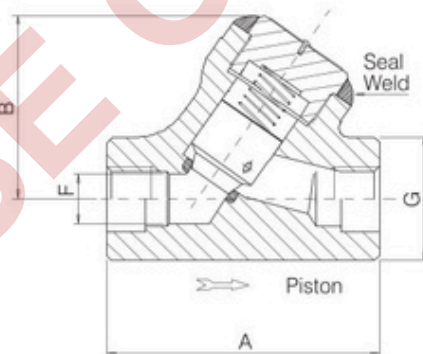
Ratings:

- carbon steel class 2680 6700 psig @ 100°F

462 bar + 38°C

- carbon steel class 4500 11250 psig @ 100°F

776 bar + 38°C



FULL PORT - FIG. 2680Y 40 - 2500Y 50								
2680 LTD.	SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2
		mm	6	10	15	20	25	40
	A	inch	4.13	4.13	4.72	6.5	6.5	7.48
		mm	105	105	120	165	165	190
	B	inch	3.35	3.35	3.74	4.53	4.72	5.71
		mm	85	85	95	115	120	145
	F	inch	.28	.35	.43	.57	.75	1.10
		mm	7	9	11	14.5	19	28
	G	inch	1.89	1.89	2.20	3.07	3.07	3.35
		mm	48	48	56	78	78	85
	Weight	lb.	7	7	8	19.75	19.75	29.75
		kg	3.2	3.2	3.7	9	9	13.5

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

STANDARD PORT - FIG. 45Y 40 - 45Y 50								
4500 LTD.	SIZE	inch	1/4	3/8	1/2	3/4	1	1 1/2
		mm	6	10	15	20	25	40
	A	inch	4.72	4.72	4.72	6.5	6.5	8.66
		mm	120	120	120	165	165	220
	B	inch	3.74	3.74	3.74	4.53	4.72	7.28
		mm	95	95	95	115	120	185
	F	inch	.28	.28	.31	.43	.55	.98
		mm	7	7	8	11	14	25
	G	inch	2.20	2.20	2.20	3.07	3.07	3.74
		mm	56	56	56	78	78	95
	Weight	lb.	8	8	8	19.75	19.75	44
		kg	3.7	3.7	3.7	9	9	20

Available with Socket Weld or Butt-Weld Ends only.

VALVES WE OFFER



GATE



CHECK



BALL



Y-STRAINER



GLOBE

STANDARDS:

ASTM A105 , API, ASME, AND ANSI B16.5

- size: 1/4" - 48"
- Thickness: Class 150 -2,500
- All Items will have an accompanying Mill Test Certificate upon request

APPLICATIONS:

- Industrial
- Residential
- Petrochemical Plants
- Oil & Gas
- Refineries
- Sugar Mills
- Energy

- Construction & Infrastructure
- Chemicals
- Machineries
- Boilers
- Food & Beverage
- Shipping
- Desalination Plant
- Power Plants

- Automotive & Transport
- High-Pressure Vessel

WHY CHOOSE US?

1 RELIABLE

Since 1961, We have been a trusted vendor for some of the Philippines' biggest companies across sectors in Oil Refinery, Petroleum, Geothermal, LNG, LPG, Power/Energy, Chemical, Sugar Mill, Food/Beverage, Distillery & International Sub-Contractors.

2 COMPETITIVE PRICING

As a Direct Importer, Wholesaler, Retailer, Stockist, and Exclusive Agent, we can offer our clients the most competitive of prices in an ever changing market.

3 QUALITY PRODUCTS

We carry a wide range of materials that conforms to various International Standards such as ASME, ANSI, WRAS, BSI, and ULFM.



