



DN 15 - DN 50
Class 800

WAGI Gate Valve

Forged Steel Body
Socket Weld End

Gate Class 800

ASTM A105
Bolted or Welded Bonnet
OS&Y
Threaded Ends
Rising Stem
Rolled-in Seat Ring

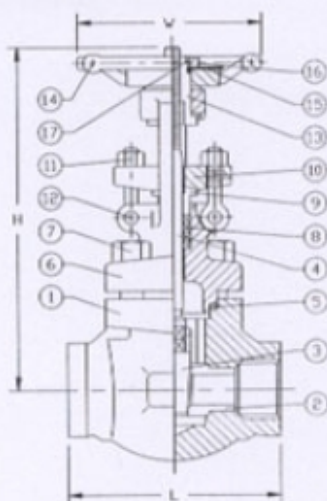


Figure No.

5B08SE—Bolted Bonnet (Reg. Port)
5FB08SE—Bolted Bonnet (Full Port)

Dimensions & Weights

Inches & Lbs.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	3.11	3.11	3.11	3.62	4.37	4.72	4.72	5.51
H (OPEN)	5.94	5.94	5.94	6.22	7.28	9.41	9.57	10.98
W	3.94	3.94	3.94	3.94	4.92	6.30	6.30	7.09
WT. (APPROX)	4	4	4	5	7	15	15	23

Regular Port

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	3.11	3.11	3.62	4.37	4.72	4.72	5.51	7.01
H (OPEN)	5.94	5.94	6.22	7.28	9.41	9.57	10.98	12.91
W	3.94	3.94	3.94	4.92	6.30	6.30	7.09	7.87
WT. (APPROX)	4	4	5	7	15	15	23	35

Full Port

Standards:

End Threads: ANSI B1.20.1
Socket-Weld: ANSI B16.11
Basic Design: API 602
Test: API 598

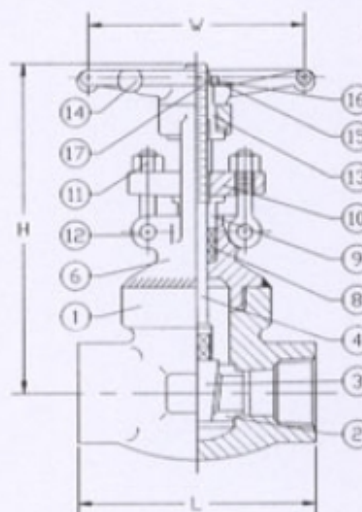


Figure No.

5W08SE—Welded Bonnet (Reg. Port)
5FW08SE—Welded Bonnet (Full Port)

Material List

No.	Part Name	Qty.	Material
1	Body	1	A105
2	Seat Ring	2	410 + HF
3	Wedge	1	420
4	Stem	1	410
5	Gasket	1	316ss/Grafoil Spiral Wound
6	Bonnet	1	A105
7	Bonnet Bolt	4	B7
8	Packing	6	Grafoil
9	Gland	1	416
10	Gland Flange	1	A105
11	Eye Bolt/Nut	2/2	410 Cad. Plated
12	Pin	2	Stainless Steel
13	Stem Nut	1	403
14	Handwheel	1	A105
15	Nameplate	1	Stainless Steel
16	Lock Nut	1	Carbon Steel Cad. Plated
17	Set Screw	1	Carbon Steel

NOTE: 1. Body material LF2, F11, F5, 304, 304L, 316 and 316L also available.
2. Socket-weld ends on request.

Gate Class 1500

ASTM A105
Bolted or Welded Bonnet
OS&Y
Threaded Ends
Rising Stem
Rolled-in Seat Ring

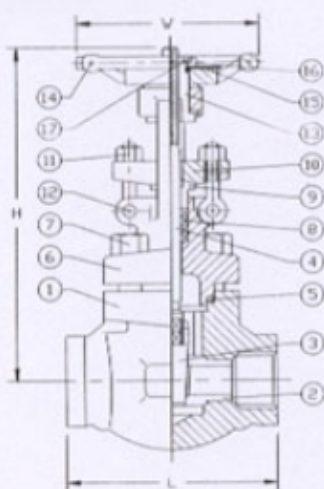


Figure No.

5B15SE—Bolted Bonnet (Reg. Port)
5FB15SE—Bolted Bonnet (Full Port)

Standards:

End Threads: ANSI B1.20.1
Socket-Weld: ANSI B16.11
Basic Design: API 602
Test: API 598

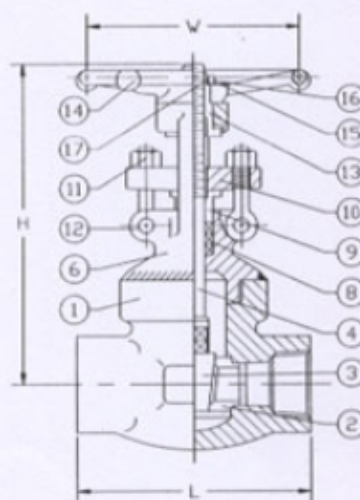


Figure No.

5W15SE—Welded Bonnet (Reg. Port)
5FW15SE—Welded Bonnet (Full Port)

Dimensions & Weights

Inches & Lbs.

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	3.11	3.11	3.11	3.62	4.37	5.00	5.98	6.73
H (OPEN)	8.43	8.43	8.43	8.58	9.41	10.83	11.42	12.32
W	3.94	3.94	3.94	3.94	4.92	6.30	6.30	7.09
WT. (APPROX)	9	9	9	9.5	14.5	21	24	32

Regular Port

SIZE	1/4"	3/8"	1/2"	3/4"	1"	1 1/4"	1 1/2"	2"
L	3.11	3.11	3.62	4.37	5.00	5.98	6.73	8.27
H (OPEN)	8.43	8.43	8.58	9.41	10.83	11.42	12.32	14.37
W	3.94	3.94	3.94	4.92	6.30	6.30	7.09	9.84
WT. (APPROX)	9	9	9.5	14.5	21	24	32	40

Full Port

Material List

No.	Part Name	Qty.	Material
1	Body	1	A105
2	Seat Ring	2	410 + HF
3	Wedge	1	420
4	Stem	1	410
5	Gasket	1	316ss/Grafoil Spiral Wound
6	Bonnet	1	A105
7	Bonnet Bolt	4	B7
8	Packing	6	Grafoil
9	Gland	1	416
10	Gland Flange	1	A105
11	Eye Bolt/Nut	2/2	410 Cad. Plated
12	Pin	2	Stainless Steel
13	Stem Nut	1	403
14	Handwheel	1	A105
15	Nameplate	1	Stainless Steel
16	Lock Nut	1	Carbon Steel Cad. Plated
17	Set Screw	1	Carbon Steel

NOTE: 1. Body material 1F2, F11, F5, 304, 304L, 316 and 316L also available.
2. Socket-weld ends on request.

FIGURE NUMBER ABBREVIATIONS

FORGED STEEL GATE, GLOBE, CHECK VALVES

VALVE TYPE	PORT	BONNET TYPE	RATING CLASS	END CONNECTION	BODY MATERIAL	TRIM
5 – GATE	BLANK – REGULAR	B – BOLTED BONNET	01 – 150	F – RF FLGD	A – A105	A – MONEL
4 – GLOBE	F – FULL	W – WELDED BONNET	03 – 300	FJ – FLGD RTJ	LF – LF2	AA – CR13
3 – SWING CHECK			06 – 600	WE – BUTTWELD	F11 – 1¼CR	½HF – HF SEAT
34 – PISTON CHECK			08 – 800	S – THREADED X SOCKET-WELD	F22 – 2¼CR	HF – HF SEAT & DISC
4SC – STOP CHECK			15 – 1500	SE – THREADED	F5 – 4-6CR	304 – A182 F304
			25 – 2500	SW – SOCKET-WELD	F9 – 9CR	316 – A182 F316
					S4 – A182 F304	
					S6 – A182 F316	

Temp. °F	F22					
	150	300	600	800	1500	2500
-20 + 100	290	750	1500	2000	3750	6250
200	260	715	1430	1910	3580	5965
300	230	675	1355	1805	3385	5640
400	200	650	1295	1730	3240	5400
500	170	640	1280	1705	3200	5330
600	140	605	1201	1615	3025	5040
650	125	590	1175	1570	2940	4905
700	110	570	1135	1515	2840	4730
750	95	530	1065	1420	2660	4430
800	80	510	1015	1355	2540	4230
850	65	485	975	1300	2435	4060
900	50	450	900	1200	2245	3745
950	35	380	755	1005	1885	3145
1000	20	270	535	715	1340	2230
1050	—	200	400	530	955	1660
1100	—	115	225	300	565	945
1150	—	105	205	275	515	860
1200	—	55	110	145	275	460