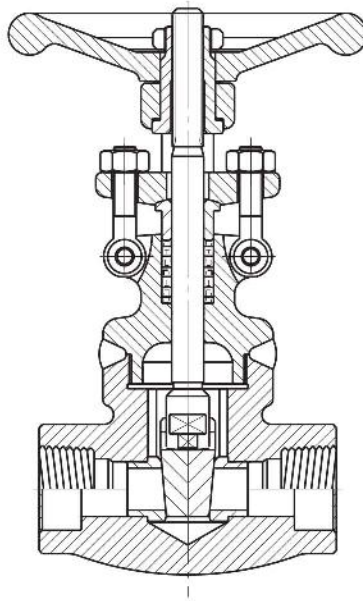
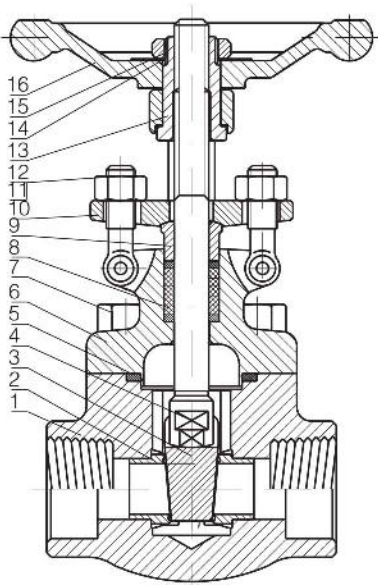


## Forged Steel Gate Valve

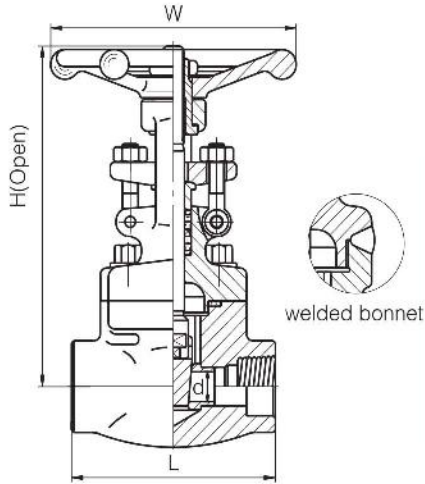


### Applicable Standards

1. Design and Manufacture  
API 602, BS5352, ASME B16.34
2. Connection end  
Socket Weld End(SW): ASME B16.11  
Threaded End(NPT): ASME B1.20.1  
Butt-Weld End(BW): ASME B16.25  
Flange End(RF/RTJ): ASME B16.5
3. Test & Inspection  
API 602, API 598
4. Design Description  
Bolted Bonnet(BB),  
Welded Bonnet(WB),  
Outside Screw and Yoke(OS&Y)
5. Main Materials:  
A105, LF2, F5, F11, F22,  
304(L), 316(L), F347, F321,  
F51, Alloy 20, Monel

No.	PART	ASTM Material					
		A105	LF2	F11	F304(L)	F316(L)	F51
1	BODY	A105	LF2	F11	F304(L)	F316(L)	F51
2	SEAT	410	410	410+STL	304(L)	316(L)	F51
3	GATE	F6a	F6a	F6a+STL	F304(L)	F316(L)	F51
4	STEM	410	410	410	304(L)	316(L)	F51
5	GASKET	304 + Graphite			304+Graphite	316(L)+Graphite	316(L)+Graphite
6	BONNET	A105	LF2	F11	F304(L)	F316(L)	F51
7	BOLT	B7	L7	B16	B8(M)	B8(M)	B8M
8	PACKING	Flexible Graphite					
9	GLAND	A182 F6	LF2	F11	F304	F304	F304
10	GLAND FLANGE	A105	LF2	F11	F304	F304	F304
11	NUT		A194 2H			8	
12	EYEBOLT		A193 B7			B8	
13	STEM NUT			A276 410			
14	NAMEPLATE			AL			
15	LOCK NUT			AISI 1035			
16	HANDWHEEL			ASTM A197			

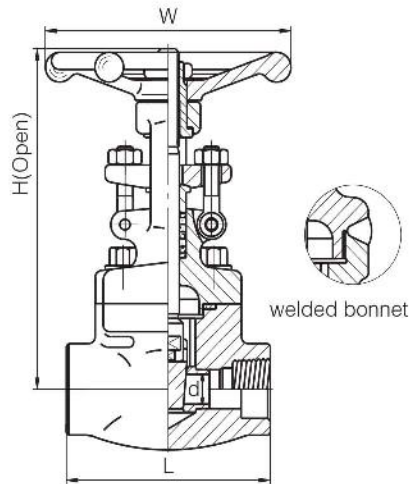
# Forged Steel Gate Valve



## CL800

Bolted Bonnet/Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: API 602

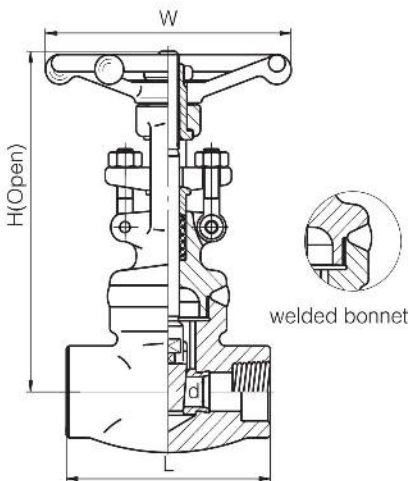
Size (NPS)	R.P	1/2	3/4	1	1.1/4	1.1/2	2	2. 1/2
	F.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	79	92	111	120	120	140	178
Handwheel Diameter	W	100	100	125	160	160	180	200
Height	H	161	163	196	223	251	290	333
Flow Port Diameter	d	10.3	13.5	18	23	29	36	45
Weight	B.B	2.22	2.39	4.24	5.7	7.05	10.9	16.8
	W.B	1.9	2.1	3.2	6.9	6.9	10.4	15.8



## CL900~1500

Bolted Bonnet/Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: API 602

Size (NPS)	R.P	1/2	3/4	1	1.1/4	1.1/2	2	2.1/2
	F.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	92	111	120	120	140	178	-
Handwheel Diameter	W	100	125	160	160	180	200	-
Height	H	191	191	219	243	296	316	-
Flow Port Diameter	d	10.5	13.5	18	23	29	36	-
Weight	B.B	2.3	4.4	6.8	7.6	11.6	15	-
	W.B	2.1	3.5	6.9	6.9	10.4	13.8	-



## CL2500

Welded Bonnet, Full Port/Reduced Port, Outside Screw and Yoke (OS&Y), Threaded, Butt Weld, Socket Weld. Design: ASME B16.34

Size (NPS)	R.P	3/8	1/2	3/4	1	1.1/4	1.1/2	2
Face To Face	L	111	120	120	120	140	-	-
Handwheel Diameter	W	125	125	125	125	250	-	-
Height	H	215	218	220	238	271	-	-
Flow Port Diameter	d	8	10.3	13.5	18	23	-	-
Weight	W.B	-	-	-	-	-	-	-