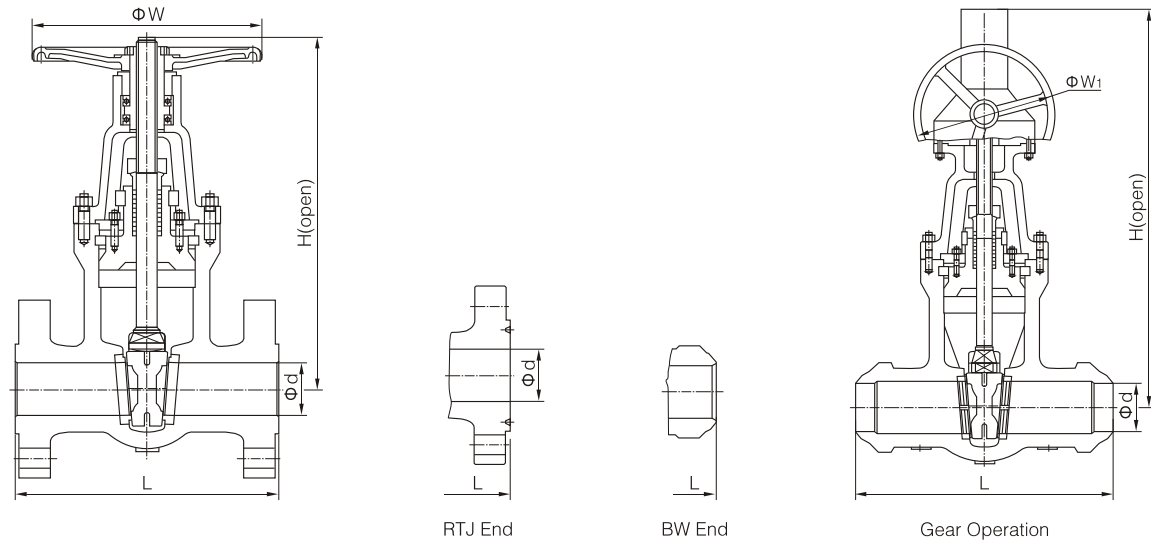
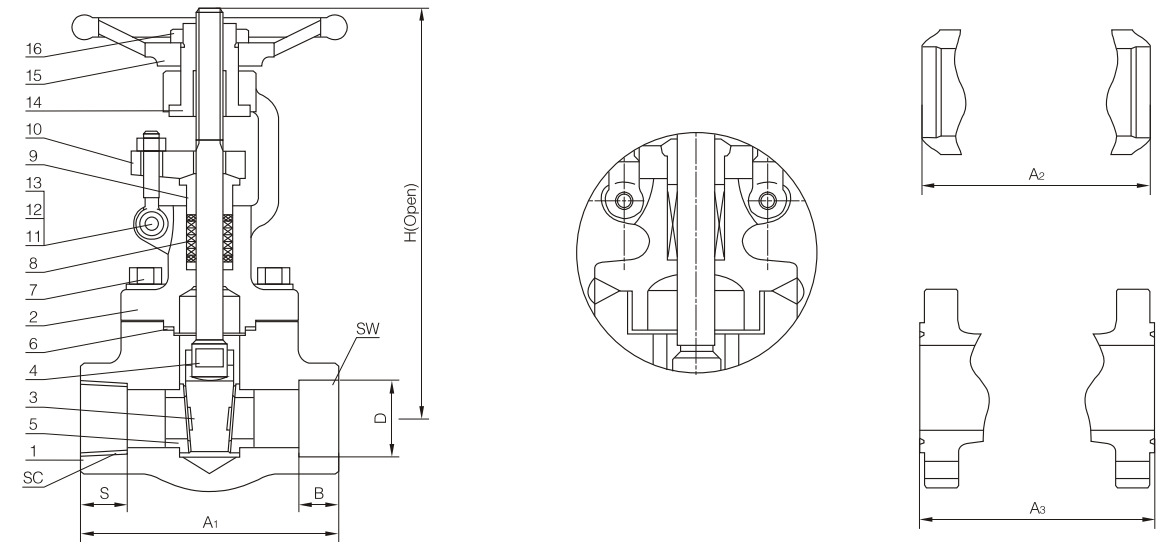


Cast Steel Gate Valve



Cast Steel Gate Valve



Class	Size		Dimensions(mm)								Weight(kg)	
	NPS	DN	L			d	H	H ₁	W	W ₁	H.W	G.O
			RF	RTJ	BW							
Class 1500	2	50	368	371	368	51	510	-	280	-	70	-
	2 1/2	65	419	422	419	64	560	-	300	-	110	-
	3	80	470	473	470	76	620	670	350	310	175	202
	4	100	546	549	546	102	728	770	400	310	270	300
	5	125	673	676	673	127	870	920	450	310	378	405
	6	150	705	711	705	144	1000	1070	500	460	520	575
	8	200	832	841	832	192	1130	1180	750	460	820	915
	10	250	991	1000	991	239	1360	1410	900	600	1560	1750
	12	300	1130	1146	1130	287	-	1620	-	600	-	2120
14	350	1257	1276	1257	315	-	2020	-	600	-	2600	
16	400	1384	1407	1384	360	-	2180	-	600	-	3450	

Technical Specification

- ★ Steel Gate Valves, API 602
- ★ Steel Valves, ASME B16.34
- ★ Face to Face, Manufacturer Standard
- ★ Face to Face, Flanged, ASME B16.10
- ★ End Flanges, ASME B16.5
- ★ Buttwelding Ends, ASME B16.25
- ★ Socket-welding Ends, ASME B16.11
- ★ Screwed Ends, ASME B1.20.1
- ★ Inspection and Test, API 598

Design Description

- ▲ Outside Screw and Yoke (OS&Y)
- ▲ Bolted Bonnet
- ▲ Choice of WB, Welding Bonnet
- ▲ Single Wedge, Fully Guided
- ▲ Renewable Seat Rings
- ▲ Yoke Integral with Bonnet
- ▲ Rising Stem and Non-rising Handwheel
- ▲ SW, Socket-welding Ends
- ▲ SC, Screwed Ends
- ▲ BW, Buttwelding Ends
- ▲ Flanged Ends

Form of Major Part Material

No.	Part Name	ASTM Material								
		Carbon Steel	1.25Cr-0.5Mo	2.25Cr-1Mo	304 Type	316 Type	304L Type	316L Type	20 Alloy	
1	Body	A105	A182 F11	A182 F22	A182 F304	A182 F316	A182 F304L	A182 F316L	20-Alloy	
2	Bonnet	A105	A182 F11	A182 F22	A182 F304	A182 F316	A182 F304L	A182 F316L	20-Alloy	
3	Wedge	A105+13Cr *1	A182 F11+HF	A182 F22+HF	A182 F304	A182 F316	A182 F304L	A182 F316L	20-Alloy	
4	Stem	A182 F6a	A182 F11	A182 F22	A182 F304	A182 F316	A182 F304L	A182 F316L	20-Alloy	
5	Seat Ring	A105+13Cr *1	A182 F11+HF	A182 F22+HF	NA	NA	NA	NA	Na	
6	Bonnet Gasket	304+Graphit	304+Graphit	304+Graphit	304+Graphit	316+Graphit	304L+Graphit	316L+Graphit	316+Graphit	
7	Bonnet Bolt	A193 B7	A193 B7	A193 B16	A193 B8	A193 B8M	A193 B8M	A193 B8M	A193 B8M	
8	Packing	Graphite	Graphite	Graphite	Graphite *2	Graphite *2	Graphite *2	Graphite *2	Graphite *2	
9	Gland	A276 410	A276 410	A276 410	A276 304	A276 316	A276 304L	A276 316L	20-Alloy	
10	Gland Flange	A105	A105	A105	A182 F304	A182 F316	A182 F304L	A182 F316L	20-Alloy	
11	Eyebolt	Carbon Steel	A193 B7	A193 B7	A193 B8	A193 B8	A193 B8	A193 B8	A193 B8	
12	Eyebolt Nut	Carbon Steel	A194 2H	A194 2H	A194 8	A194 8	A194 8	A194 8	A194 8	
13	Eyebolt Pin	A276 410	A276 410	A276 412	A276 304	A276 304	A276 304	A276 304	A276 304	
14	Stem Nut	Bronze	Bronze *3	Bronze *3	Bronze	Bronze	Bronze	Bronze	Bronze	
15	Hand wheel	Malleable iron	Malleable iron	Malleable iron	Malleable iron	Malleable iron	Malleable iron	Malleable iron	Malleable iron	
16	Wheel Nut	Carbon Steel	Carbon Steel	Carbon Steel	Carbon Steel+Zn	Carbon Steel+Zn	Carbon Steel+Zn	Carbon Steel+Zn	Carbon Steel+Zn	
*1	PN ≥ 600 Class seal face will be HF									
*2	PTFE Optional									
*3	Ductile Ni-Resist iron Optional									