

CARBON STEEL OR STAINLESS STEEL CLASS600-2500 GATE VALVE BOLTED CAP DESIGN

DESIGN DESCRIPTION:

- Manufacture: ANSI B16.34 Or BS1414
- Design: API6D Or BS1873 Or API600;
- Face To Face: ASME/ANSI B16.10 Or BS 2080;
- End To End: ASME/ANSI B16.10 Or BS 2080;
- Gasket Flanged: ASME/ANSI B16.5 Or BS 1560
- Flange: ASME/ANSI B16.5 Or BS 1414;
- End: ASME/ANSI B16.25;
- Test: API598 Or BS 6755 Part 1;
- Outside Screw And Yoke, Flexible Wedge;
- Bolted Bonnet; Integral Seat; Fully Guider;
- Material and Working Temp.:
 - ◆ ASTM A216-WCB: -29 °C-420 °C(60 °F-822 °F)
 - ◆ STAINLESS STEEL: -40 °C-550 °C(15 °F-1047 °F)

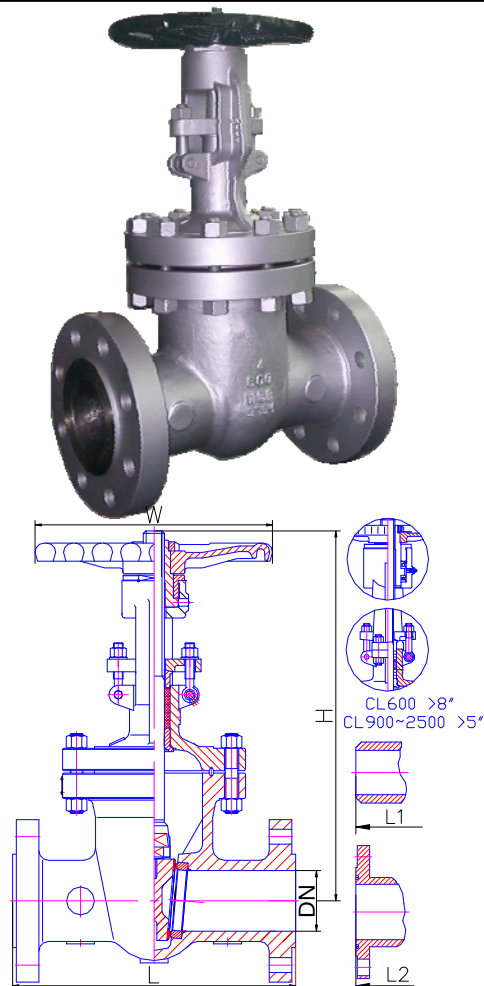
PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BODY	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
BONNET	ASTM A216-WCB/A351-CF8/CF8M/CF3/CF3M
GASKET	SOFT IRON/ASTM A182-F6a/F304/F316/F304L/F316L
DISC	ASTM A105+13CR/A351-CF8/CF8M/CF3/CF3M
SEAT	STL/SS304/SS316/SS304L/SS316L
STEM	ASTM A182-F6a/F304/F316/F304L/F316L
BOLT & NUT	A194 2H+A193 B7/ A1938+B8/A193 8M+A193 B8M

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSIONS LIST(UNIT:MM):

NPS	DN	L	L1	L2	H	W
CLASS600						
1-1/2"	40	241	241	241	375	200
2"	50	292	292	295	380	200
2-1/2"	65	330	330	333	420	250
3"	80	356	356	359	500	280
4"	100	432	432	435	575/695	300/310
5"	125	508	508	511	700/790	350/310
6"	150	559	559	562	750/900	450/460
8"	200	660	660	664	850/1000	500/460
10"	250	787	787	791	1005/1300	650/460
12"	300	838	838	841	1130/1650	700/460
14"	350	889	889	892	1270/1750	900/530
16"	400	991	991	994	1365/1900	900/530
18"	450	1092	1092	1095	2020	610
20"	500	1194	1194	1200	2172	610
24"	600	1397	1397	1407	2650	610
26"	650	1448	1448	1461	3150	810
28"	700	1549	1549	1562	3362	1000
30"	750	1651	1651	1664	3549	1000
32"	800	1778	1778	1794	3811	1000
36"	900	2082	2082	2098	4260	1000
40"	1000	2286	2286	-	4670	1200
42"	1050	2438	2438	-	4921	1200
48"	1200	2540	2540	-	5876	1200



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CLASS900						
NPS	DN	L	L1	L2	H	W
1-1/2"	40	305	305	305	475	250
2"	50	368	368	371	500	280
2-1/2"	65	419	419	422	450	280
3"	80	381	381	384	505	300
4"	100	457	457	460	575/625	350/310
5"	125	559	559	562	630/740	400/310
6"	150	610	610	613	795/900	500/460
8"	200	737	737	740	855/1000	650/460
10"	250	838	838	841	1035/1130	700/530
12"	300	965	965	968	1180/1520	900/530
14"	350	1029	1029	1038	1350/1600	900/530
16"	400	1130	1130	1140	1890/2100	900/610
18"	450	1219	1219	1232	2232	810
20"	500	1321	1321	1334	2435	1000
24"	600	1549	1549	1568	2750	1000
26"	650	1664	1664		2833	1000
28"	700	1778	1778		2916	1000
30"	750	1892	1892		3000	1200
32"	800	2004	2004		3083	1200
36"	900	2232	2232		3250	1200
CLASS1500						
NPS	DN	L	L1	L2	H	W
1-1/2"	40	305	305	305	475	250
2"	50	368	368	371	487	280
2-1/2"	65	419	419	422	572	300
3"	80	470	470	473	603	350
4"	100	546	546	549	700/790	500/460
6"	150	705	705	711	984/1050	600/460
8"	200	832	832	842	1146	460
10"	250	991	991	1000	1371	460
12"	300	1130	1130	1146	1633	610
14"	350	1257	1257	1276	1798	610
16"	400	1384	1384	1407	1963	610
18"	450	1537	1537	1559	2812	1000
20"	500	1664	1664	1686	3078	1000
24"	600	1943	1943	1972	3570	1000
26"	650	2083	2083		3836	1200
28"	700	2223	2223		4012	1200
30"	750	2362	2362		4368	1200
CLASS2500						
NPS	DN	L	L1	L2	H	W
2"	50	451	451	454	563	350
2-1/2"	65	508	508	514	563	450
3"	80	578	578	584	582	450
4"	100	673	673	683	870/1030	500/460
6"	150	914	914	927	1450/1500	600/460
8"	200	1022	1022	1038	1610	610
10"	250	1270	1270	1292	2076	610
12"	300	1422	1422	1445	2281	610
14"	350	1575	1575		1945	810
16"	400	1727	1727		2250	810
18"	450	1879	1879		2555	1000
20"	500	2031	2031		2860	1000
24"	600	2335	2335		3470	1000

NOTE:

CL600: ≤3" Handwheel O.P.; 4"~16" Available Gear O.P.; ≥18" Gear O.P.; **CL900:** ≤3" Handwheel O.P.; 4"~16" Available Gear O.P.; ≥18" Gear O.P.; **CL1500/CL2500:** ≤3" Handwheel O.P.; 4"~6" Available Gear O.P.; ≥8" Gear O.P.

✧ We hereby reserve the rights of any alternative dimension that would help to improve our valve's quality and working efficiency.