

CARBON STEEL OR STAINLESS STEEL SLAB GATE VALVE BOLTED CAP DESIGN



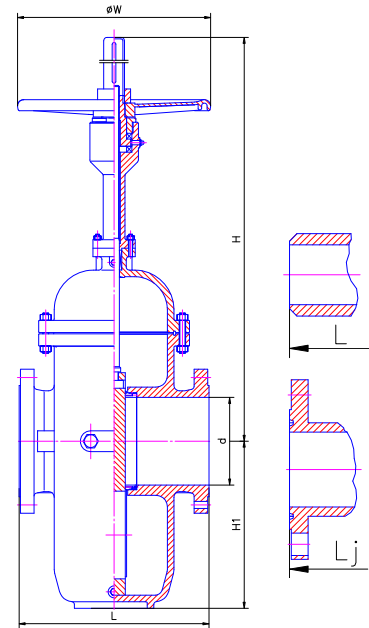
DESIGN DESCRIPTION:

- Manufacture: ANSI B16.34 Or BS1560
- Design: API6D Or ASME B16.34;
- Face To Face: B16.10;
- End To End: B16.10;
- Flange: ANSI B16.5 MSS SP44;
- End: ANST B16.25;
- Test: API598 Or API6D;
- Bolted Bonnet; Flat Plate Type; Double Sealing Seat;
- Floating Seat; Self-Seal Packing; Light Torque;
- Indication Rod Show Open-Close Condition; Fire Service;
- Equal Pressure Throughout The Valve When Open-Close;
- Cavity Pressure bled Off By Seat When Different Pressure;
- 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	PTFE/R-PTFE/GRAPHITE
DISC	ASTM A105+13CR/A351-CF8/CF8M/CF3/CF3M
SEAT	STL/SS304/SS316/SS304L/SS316L
SEAT RING	PTFE/R-PTFE/PEEK/PPL
STEM	ASTM A182-F6a/F304/F316/F304L/F316L
STEM PACKING	BRAIDED GRAPITE OR DIEFORMED GRAPHITE RING OR PTFE
BOLT & NUT	A194 2H+A193 B7/ A1938+B8/A193 8M+A193 B8M

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.



DIMENSIONS LIST(UNIT:MM):

DN	SIZE	L	L1	H(HW/Gear)	H1	W(HW/Gear)
CLASS600						
50	2"	292	292	468/505	158	250/310
65	2-1/2"	330	330	565/560	190	300/310
80	3"	356	356	625/610	225	300/310
100	4"	432	432	720/770	255	300/310
125	5"	508	508	762/815	285	350/310
150	6"	559	559	910/960	330	350/310
200	8"	660	660	1145/1200	410	350/310
250	10"	787	787	1411/1370	490	400/460
300	12"	838	838	1590/1560	570	450/460
350	14"	889	889	1740	650	460
400	16"	991	991	1970	735	460
450	18"	1092	1092	2260	810	460
500	20"	1194	1194	2420	905	460
CLASS900						
50	2"	368	368	473/525	158	300/310
65	2-1/2"	419	419	570/585	190	300/310
80	3"	381	381	630/635	225	350/310
100	4"	457	457	725/800	255	350/310
125	5"	559	585	777/855	285	350/310
150	6"	610	610	915/995	330	400/310
200	8"	737	737	1150/1250	410	500/460
250	10"	838	838	1416/1420	490	500/460
300	12"	965	965	1595/1600	570	600/460

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