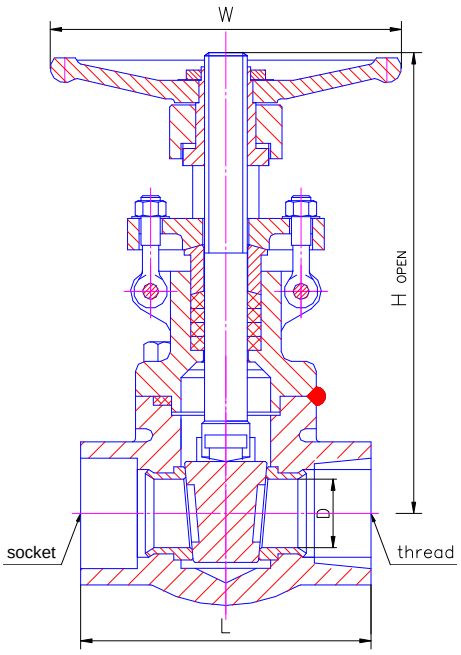
FORGED STEEL OR STAINLESS STEEL GATE VALVE BOLTED COVER DESIGN

DESIGN DESCRIPTION:

- Design: API602, BS5352, ANSI B16.34;
- Manufacture: API602, BS5352, ANSI B16.34;
- Socket Welding: ANSI B16.11;
- Thread: ANSI B1.20.1;
- Test: API598;
- Bolted Bonnet& Welding Bonnet, Outside Screw And Yoke
- Class 800/1500 Body, Rising Stem Type;
- Full Bore Or Standard Port;
- Material and Working Temp.:
  - A105: -29 ℃-420 ℃(-20 ℉-822 ℉)
  - LF2: -46 ℃-345 ℃(-50 ℉-653 ℉)
  - F304: -196 ℃-649 ℃(-320 ℉-1200 ℉)
  - F316: -196 ℃-816 ℃(-320 ℉-1500 ℉)
  - F11/F22: -29 ℃-595 ℃(-20 ℉-1100 ℉)
  - F5: -29 ℃-649 ℃(-20 ℉-1200 ℉)



PARTS AND MATERIAL:

PARTS NAME	MATERIALS
BONNET	ASTM A105/F304/F316/F304L/F316L
GASKET	GRAPHITE+304/GRAPHITE+316
BODY	ASTM A105/F304/F316/F304L/F316L
SEAT	SS410/SS304/SS316/SS304L/SS613L
DISC	ASTM A182 F6/F304/F316/F304L/F316L
STEM	SS410/SS304/SS316/SS304L/SS613L
BOLT	ASTM A194 2H/A194 8/A194 8M
GLAND	SS410/SS304/SS316/SS304L/SS613L
GLAND FLANGE	ASTM A105/F304/F316/F304L/F316L
PACKING	GRAPHITE

OTHER MATERIALS ARE AVAILABLE UPON REQUEST.

DIMENSIONS LIST(UNIT:MM):

DN		SIZE		D	H (OPEN)		L	W	
STD	FULL	STD	FULL		B.B	W.B			
CLASS 600/800									
10	8	-	1/4"	8	158	164	79	100	
15	10	1/2”	3/8”	10	158	164	79	100	
20	15	3/4”	1/2”	13	164	170	92	100	
25	20	1”	3/4”	18	194	199	111	125	
32	25	1-1/4”	1”	24	221	230	120	160	
40	32	1-1/2”	1-1/4”	29	244	244	120	160	
50	40	2”	1-1/2”	36.5	282	282	140	180	
65	50	2-1/2"	2”	45	330	330	178	200	
80	65	3"	2-1/2"	51	370	370	180	220	
CLASS 900/1500									
10	8	-	1/4"	8	191	171	92	100	100
15	10	1/2”	3/8”	10	191	207	111	125	100
20	15	3/4”	1/2”	13	197	207	111	160	100
25	20	1”	3/4”	18	218	240	120	160	125
32	25	1-1/4”	1”	24	243	258	120	160	160
40	32	1-1/2”	1-1/4”	29	296	330	140	180	160
50	40	2”	1-1/2”	36.5	316	355	178	200	200
65	50	2-1/2"	2”	45	370	370	180	220	220

Remark: Our design can be suitable for all standard (BS, DIN, ANSI, JIS standard etc.)

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