

FORGED STEEL OR STAINLESS STEEL GATE VALVE BOLTED COVER DESIGN

DESIGN DESCRIPTION:

- Design: API602, BS5352, ANSI B16.34;
- Manufacture: API602, BS5352, ANSI B16.34;
- End To End: Customer STD;
- Pipe: ASME B36.10M, DIN2448/2458;
- Butt-Welding: ANSI B16.25;
- Socket Welding: ANSI B16.11;
- Thread: ANSI B1.20.1;
- Test: API598;
- Bolted Bonnet& Welding Bonnet, Outside Screw And Yoke
- Class 800 Body, Rising Stem Type;
- Full Bore Or Standard Port;
- Material and Working Temp.:
 - ◆ A105: -29 °C-420 °C(-20 °F-822 °F)
 - ◆ LF2: -46 °C-345 °C(-50 °F-653 °F)
 - ◆ F304: -196 °C-649 °C(-320 °F-1200 °F)
 - ◆ F316: -196 °C-816 °C(-320 °F-1500 °F)
 - ◆ F11/F22: -29 °C-595 °C(-20 °F-1100 °F)
 - ◆ F5: -29 °C-649 °C(-20 °F-1200 °F)

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		d	L1	L	H(OPEN)	W
STD	FULL					
3/8"		8	10.75	147	158	100
1/2"	3/8"	10	10.75	147	158	100
3/4"	1/2"	13	10.75	153.5	169	100
1"	3/4"	18	120	175.5	197	125
1 1/4"	1"	24	127	187	236	160
1 1/2"	1 1/4"	29	127	187	246	160
2"	1 1/2"	36.5	152	222	283	180

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.

