



Cast Steel > Gate Valves

Cast Steel Bolted Bonnet Gate Valves (Rising Stem) 150lb - 2500lb

Features

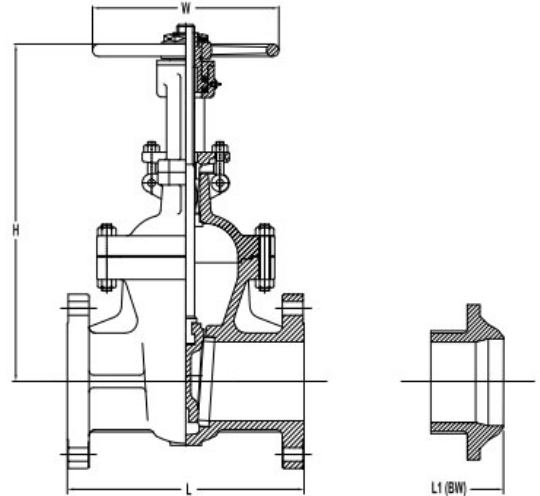
- Seal-welded seats
- Bosses for taps & bypass
- Graphite packing
- Ring Joint Bonnet gaskets Class 600-2500
- Fully guided, wedge
- Fugitive emission tested

Options

- Alternate Trims
- NACE MR-01-75
- Mounting Pads for Actuation
- Pressure Seal Bonnets Class 600-2500
- Aluminum Bronze and Bronze Trims for Marine Service

Standards

- API-600
- ANSI B16.34
- ANSI B16.10
- ANSI B16.5
- ANSI B16.25
- ANSI B16.47
- API-598



Download Drawings

Drawings are based on most recent revisions and are subject to change without notice.

Bolted Bonnet Flanged (API Trim 8)

Bolted Bonnet Flanged (API Trim 12)

Bolted Bonnet Butt Weld

150 LB

Dimensions: inches (millimeters)

Sizes	L	L1 (BW)	H (Open)	W
2"	7 (180)	8-1/2 (216)	14-1/2 (368)	8 (200)
2-1/2"	7-1/2 (190)	9-1/2 (241)	17 (432)	8 (200)
3"	8 (200)	11-1/8 (283)	18 (457)	8-7/8 (225)
4"	9 (230)	12 (305)	22 (559)	11 (279)
5"	10 (254)	15 (381)	26 (660)	12-3/4 (325)
6"	10-1/2 (266)	15-7/8 (403)	30 (762)	14 (356)
8"	11-1/2 (290)	16-1/2 (420)	38-1/2 (978)	14 (356)
10"	13 (330)	18 (457)	46 (1168)	18 (457)

300 LB

Dimensions: inches (millimeters)

SIZES	L/L1	H (OPEN)	W
2"	8-1/2 (216)	16 (407)	7-7/8 (200)
2-1/2"	9-1/2 (241)	17-3/8 (442)	7-7/8 (200)
3"	11-1/8 (283)	19-3/4 (501)	8-7/8 (225)
4"	12 (305)	23-3/8 (594)	9-7/8 (251)
5"	15 (381)	23-3/4 (603)	12-1/2 (318)
6"	15-7/8 (403)	32-1/8 (816)	14 (356)
8"	16-1/2 (420)	41 (1041)	15-3/4 (400)
10"	18 (457)	48-3/8 (1229)	17-3/4 (451)

12"	14 (356)	19 (502)	55-1/4 (1403)	20 (508)
14"	15 (381)	22 (559)	60 (1524)	21-1/2 (546)
16"	16 (407)	24 (610)	74-7/8 (1902)	24 (610)
18"	17 (432)	26 (660)	79 (2007)	27 (686)
20"	18 (457)	28 (711)	87-1/2 (2223)	28 (711)
24"	20 (508)	32 (813)	105 (2667)	31-1/2 (800)
30"	24 (610)	38 (965)	130 (3302)	43 (1092)
36"	28 (711)	44 (1118)	162 (4115)	51 (1295)
GEAR OPERATOR RECOMMENDED FOR SIZE 10" AND ABOVE				

12"	19-3/4 (501)	57 (1448)	20 (508)
14"	30 (762)	62-1/2 (1588)	22 (559)
16"	33 (838)	69 (1753)	25 (635)
18"	36 (914)	80-1/2 (2045)	28 (711)
20"	39 (991)	91 (2311)	35-1/2 (902)
24"	45 (1143)	120-1/2 (3061)	43 (1092)
GEAR OPERATOR RECOMMENDED FOR SIZE 8" AND ABOVE			

600 LB

Dimensions: inches (millimeters)

SIZES	L/L1	H (OPEN)	W
2"	11-1/2 (290)	16-1/2 (420)	7-7/8 (200)
2-1/2"	13 (330)	18 (457)	8-7/8 (225)
3"	14 (356)	20-1/8 (511)	9-7/8 (251)
4"	17 (432)	25 (635)	14 (356)
5"	20 (508)	30-1/2 (775)	15-3/4 (400)
6"	22 (559)	33-5/8 (854)	17-3/4 (451)
8"	26 (660)	42-3/8 (1076)	20 (508)
10"	31 (787)	49 (1245)	25 (635)
12"	33 (838)	68-1/2 (1740)	27 (686)
14"	35 (889)	69 (1753)	31-1/2 (800)
16"	39 (991)	74 (1880)	35-1/2 (902)
18"	43 (1092)	84-1/4 (2140)	43 (1092)
20"	47 (1194)	93-1/2 (2375)	51 (1295)
24"	55 (1397)	110 (2794)	51 (1295)
GEAR OPERATOR RECOMMENDED FOR SIZE 8" AND ABOVE			

900 LB

Dimensions: inches (millimeters)

SIZES	L/L1	H (OPEN)	W
2"	14-1/2 (368)	26 (660)	10-1/4 (260)
3"	15 (381)	26-3/8 (670)	11-1/2 (292)
4"	18 (457)	30 (762)	14 (356)
6"	24 (610)	40-3/4 (1035)	20 (508)
8"	29 (737)	51 (1295)	24 (610)
10"	33 (838)	61 (1549)	27 (686)
12"	38 (965)	69-1/2 (1765)	31-1/2 (800)
14"	40-1/2 (1029)	77 (1956)	35-1/2 (902)
16"	44-1/2 (1130)	82-3/4 (2102)	43 (1092)
GEAR OPERATOR RECOMMENDED FOR SIZE 6" AND ABOVE			

1500 LB

Dimensions: inches (millimeters)

SIZES	L/L1	H (OPEN)	W
2"	14-1/2 (368)	21-1/2 (546)	11-1/2 (290)
3"	18-1/2 (470)	27-1/8 (689)	14 (356)
4"	21-1/2 (546)	31-1/2 (800)	20 (508)
6"	27-3/4 (705)	45 (1143)	24 (610)
8"	32-3/4 (832)	53-1/2 (1359)	27 (686)
10"	39 (991)	65 (1651)	35-1/2 (902)
12"	44-1/2 (1130)	74 (1880)	43 (1092)
14"	49-1/2 (1257)	83-1/2 (2121)	51 (1295)
16"	54-1/2 (1384)	88 (2235)	63 (1600)
GEAR OPERATOR RECOMMENDED FOR SIZE 6" AND ABOVE			

2500 LB

Dimensions: inches (millimeters)

SIZES	L/L1	H (OPEN)	W
2"	17-3/4 (451)	24-7/8 (632)	12 (305)
3"	22-3/4 (578)	36 (914)	20 (508)
4"	26-1/2 (673)	41-1/2 (1054)	20 (508)
6"	36 (914)	57 (1448)	24 (610)
8"	40-1/4 (1022)	63-3/8 (1610)	24 (610)
GEAR OPERATOR RECOMMENDED FOR SIZE 6" AND ABOVE			