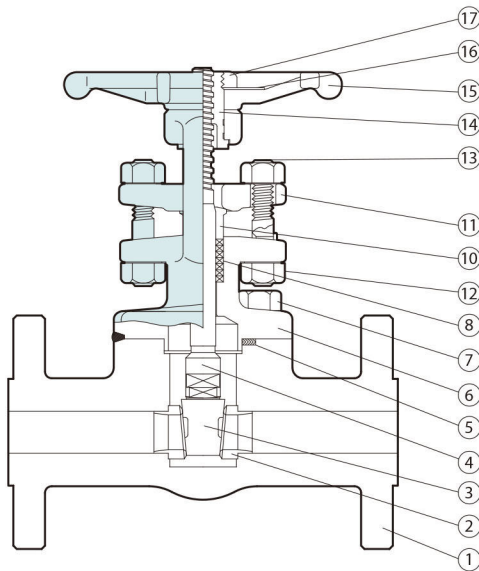


Forged Steel Gate Valves

GATE VALVES – BOLTED / WELDED BONNET – FULL PORT



No.	Parts	Material	A.S.T.M.
1	Body	Forged Steel	A105N
2	Seat Ring	Stellite 6 faced A276-410	
3	Wedge	13Cr Stainless Steel	A182-F6a
4	Stem	13Cr Stainless Steel	A276-410
5	Gasket	304 Spiral Wound Graphite	
6	Bonnet	Forged Steel	A105N
7	Bonnet Bolt	Alloy Steel	A193-B7
8	Gland Packing	Graphoil	
10	Gland	Stainless Steel	A276-316
11	Gland Flange	Forged Steel	A105
12	Gland Nut	Carbon Steel	A194-2H
13	Gland Bolt	Stainless Steel	A193-B6
14	Yoke Sleeve	13Cr Stainless Steel	A582-416
15	Handwheel	Malleable Iron	A47
16	Name Plate	Aluminum	
17	Handwheel Nut	Carbon Steel	A563A

CLASS 150 / 300 / 600 - API 602 / ASME B16.34

Unit: mm (inch)

Port	Valve Size	Handwheel Diameter	Face to Face			Center to Top (Open)			Dia. of Port Openings	Weight Kg (Lb)		
			Class 150	Class 300	Class 600	Class 150	Class 300	Class 600		Class 150	Class 300	Class 600
Full	1/2	86 (3.39)	108 (6.57)	140 (5.95)	165 (6.50)	167 (6.57)	151 (5.95)	151 (5.95)	13.0 (0.51)	3.1 (6.8)	4.0 (8.8)	4.6 (10.1)
	3/4	99 (3.90)	117 (7.48)	152 (7.48)	190 (7.50)	190 (7.48)	190 (7.48)	190 (7.48)	18.0 (0.71)	4.7 (10.4)	6.0 (13.2)	6.6 (14.6)
	1	124 (4.88)	127 (9.49)	165 (9.09)	216 (8.50)	241 (9.49)	231 (9.09)	241 (9.49)	31.0 (1.22)	8.7 (19.2)	11 (24.3)	12.2 (26.9)
	1 1/2	138 (5.43)	165 (10.7)	190 (10.7)	241 (9.50)	271 (10.7)	271 (10.7)	271 (10.7)	37.0 (1.46)	12.2 (26.9)	14 (30.9)	15.8 (34.8)
	2	157 (6.18)	178 (13.2)	216 (12.6)	292 (11.50)	335 (13.2)	319 (12.6)	335 (13.2)	50.8 (2.00)	17.8 (39.2)	19 (41.9)	22.5 (49.6)