

# Stainless Steel Gate Valves

FIGURES  
2117 • 2117F

## Class 300 • OS&Y • Solid or Flexible Wedge Disc

### Figure 2117

Raised Face, Flanged Ends, Solid Wedge Disc

### Figure 2117F

Raised Face, Flanged Ends, Flexible Wedge Disc

#### Size Range:

½ through 24 inches

#### Design Features:

- Bolted Bonnet
- Retained Gasket
- Rising Stem
- Integral Seat
- MSS SP-42
- ASME B16.34

#### Industry Standards

End Flanges	ASME B16.5
Wall Section	ASME B16.34
Face-to-Face	ASME B16.10
Pressure-Temp. Ratings	ASME B16.34
Testing	API 598

#### Materials of Construction

1	Body	ASTM A351 CF8M
2	Bonnet	ASTM A351 CF8M
3	Disc	ASTM A351 CF8M
4	Stem	ASTM A276 T316
5	Handwheel	ASTM A536
6	Gasket	PTFE
7	Gland Flange	ASTM A351 CF8
8	Gland	ASTM A276 T304
9	Packing	PTFE
10	Stem Nut	ASTM A536
11	Handwheel Nut	ASTM A276 T304
12	Bonnet Bolt Nut	ASTM A194 GR 8
13	Bonnet Bolt	ASTM A193 GR B8
14	Eyebolt Pin	ASTM A276 T304
15	Eyebolt	ASTM A193 GR B8
16	Eyebolt Nut	ASTM A194 GR 8
17	ID Tag	Aluminum
18	Washer	ASTM A536
19	Grease Fitting	304 SS
20	Set Screw	Steel

#### Dimensions and Weights

Valve Size	Weight (lbs)	Dimensions (inches)		
		A	B (open)	C
½	--	5.50	8.1	3.9
¾	--	6.00	8.1	3.9
1	--	6.50	9.9	5.4
1 ½	--	7.50	12.0	7.9
2	--	8.50	13.4	7.9
2 ½	68.4	9.50	17.0	7.9
3	90.4	11.12	19.3	8.8
4	119.1	12.00	23.1	9.8
6	251.4	15.88	31.6	14.0
8	478.5	16.50	39.4	15.7
10	557.9	18.00	47.9	17.7
12	917.3	19.75	55.8	19.7
14	957.0	30.00	59.8	22.0
16	1206.1	33.00	66.7	24.8
18	1764.0	36.00	75.2	28.0
20	3281.0	39.00	83.4	31.5
24	4956.8	45.00	98.1	35.4

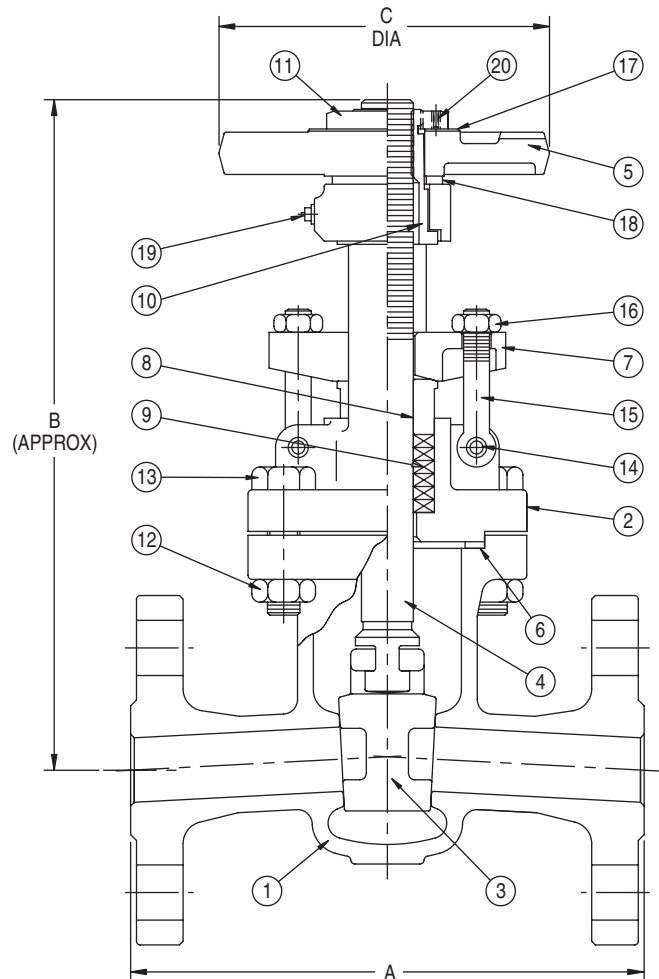


Fig. 2117

