

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

Figure 2117

Gate Valve, Raised Face, Flanged Ends,

Solid Wedge Disc (½ - 2")

Flexible Wedge Disc (2½ - 24")

Size Range:

½ through 24 inches

Design Features:

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

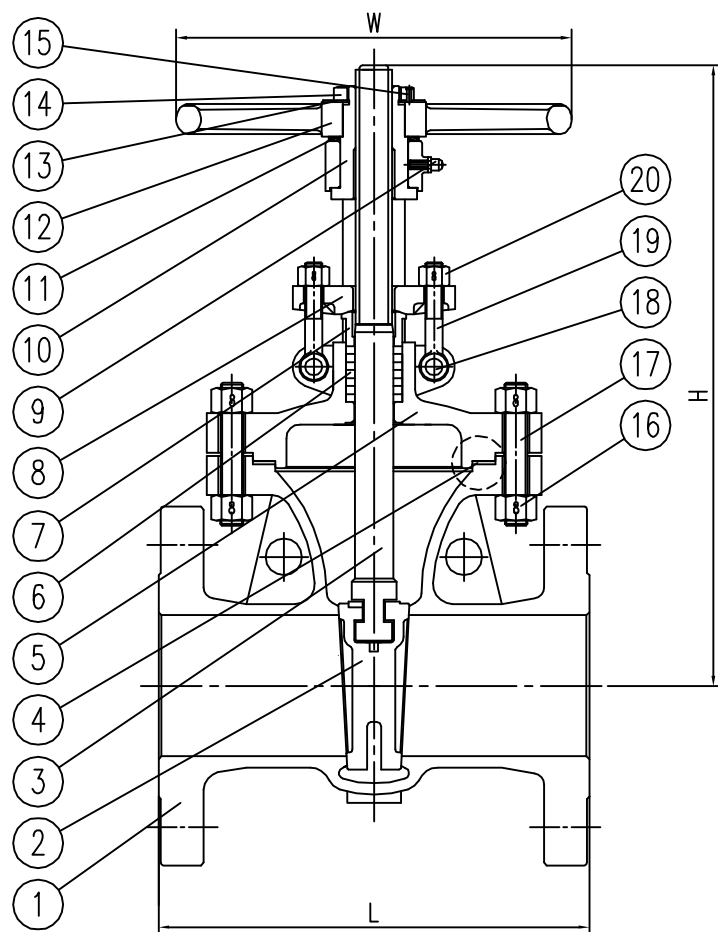


Fig. 2117

Dimensions and Weights

Valve Size	Weight (lbs)	Dimensions (inches)		
		L	H (open)	W
½	9	5.51	8.19	3.94
¾	11	5.98	8.19	3.94
1	16	6.50	10.08	5.43
1 ½	28	7.48	12.01	7.87
2	34	8.50	13.36	7.87
2 ½	68	9.50	17.00	8.80
3	90	11.12	19.30	8.80
4	119	12.00	23.10	9.80
6	224.8	15.9	29.8	14
8	439	16.50	38.70	15.75
10	622	18.00	48.35	17.72
12	950	19.76	56.34	19.68
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

Please refer to page 28 for Pressure-Temperature Ratings.

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	Disc	ASTM A351 CF8M
3	Stem	ASTM A276 316
4	Gasket	PTFE
5	Bonnet	ASTM A351 CF8M
6	Packing	PTFE
7	Gland	ASTM A276 T316
8	Gland Flange	ASTM A351 CF8M
9	Grease Fitting	Nickel-Plated Copper
10	Yoke Nut	ASTM A439, D2
11	Washer	PTFE
12	Handwheel	ASTM A439, D2
13	Name Plate	304 SS
14	Handwheel Nut	ASTM A276 304
15	Set Screw	ASTM A276 304
16	Nut	ASTM A194 8
17	Bonnet Bolt	ASTM A193 GR B8
18	Hinge Pin	ASTM A276 304
19	Eyebolt	ASTM A193 GR B8
20	Nut	ASTM A194 8