

# FIGURE 317

# Stainless Steel Globe Valves

## Class 150 • OS&Y • Plug Type Disc

### Figure 317

Raised Face, Flanged Ends

#### Size Range:

½ through 12 inches

#### Design Features:

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

### Dimensions and Weights

Valve Size	Weight (lbs)	Dimensions (inches)		
		A	B (open)	C
½	7.6	4.25	7.1	3.9
¾	8.9	4.63	7.3	3.9
1	11.6	5.00	7.9	3.9
1 ½	16.4	6.50	9.2	5.5
2	25.2	8.00	10.2	6.3
2 ½	46.3	8.50	11.1	7.9
3	61.7	9.50	13.5	8.8
4	97.0	11.50	14.8	11.0
6	198.5	16.00	16.9	14.0
8	383.7	19.50	22.0	14.0
10	546.8	24.50	29.7	15.7
12	848.9	27.50	32.5	15.7

### 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	Disc Nut	ASTM A276 T316
6	Handwheel	ASTM A536
7	Gasket	PTFE
8	Gland Flange	ASTM A351 CF8
9	Gland	ASTM A276 T304
10	Packing	PTFE
11	Stem Nut	ASTM A536
12	Handwheel Nut	ASTM A194 GR 8
13	Bonnet Bolt Nut	ASTM A194 GR 8
14	Bonnet Bolt	ASTM A193 GR B8
15	Eyebolt Pin	ASTM A276 T304
16	Eyebolt	ASTM A193 GR 8
17	Eyebolt Nut	ASTM A194 GR 8
18	ID Tag	Aluminum
19	Washer	ASTM A276 T304

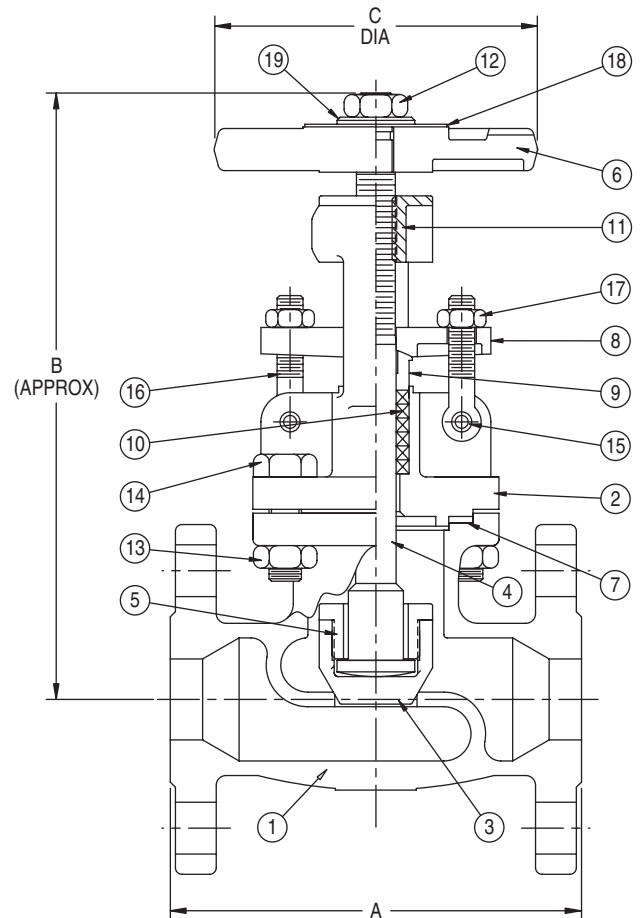


Fig. 317