

Class 150 • Rising Stem • Threaded Ends

Figure 431

Solid Wedge Disc

Size Range:

1/4" through 3"

Working Pressures Non-Shock:

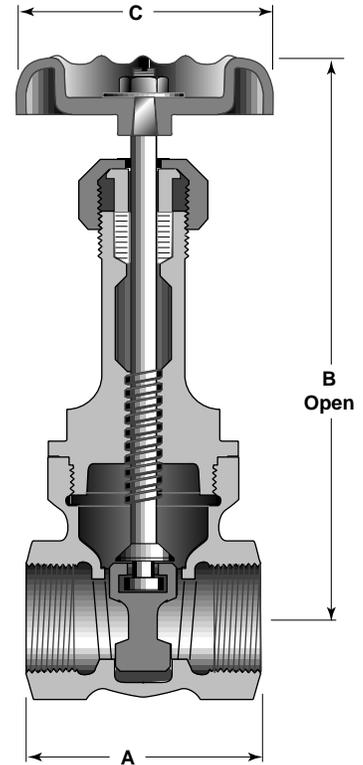
150 psi Steam, Basic Rating

300 psi Cold Working Pressure

Features

- Rising Stem
- Screwed Bonnet
- Threaded Ends
- Full Ports
- Back Seat
- Integral Bronze Seat
- MSS - SP-80, Type 2

For more detailed features, refer to page 18.



(Fig. 431)

Principal Parts & Materials

Part	Size	Material	ASTM
Body & bonnet	All	Bronze	B62 alloy C83600
Disc	All	Bronze	B62 alloy C83600
Stem	1/2"-2"	Bronze	B505 alloy C83600
Stem	1/4"-3/8", 2 1/2"-3"	Bronze	B371 alloy C69400

Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

	1/4 (6)	3/8 (10)	1/2 (15)	3/4 (20)	1 (25)	1 1/4 (32)	1 1/2 (40)	2 (50)	2 1/2 (65)	3 (80)
A	1.80 (46)	1.68 (43)	2.02 (51)	2.14 (54)	2.46 (62)	2.77 (70)	2.85 (72)	3.25 (83)	4.25 (108)	4.61 (117)
B	4.78 (121)	4.93 (125)	4.98 (127)	6.28 (160)	7.44 (189)	8.49 (216)	9.77 (248)	11.98 (304)	14.93 (379)	16.83 (427)
C	1.77 (45)	2.05 (52)	2.08 (53)	2.57 (65)	2.76 (70)	3.08 (78)	3.65 (93)	4.06 (103)	5.26 (134)	5.26 (134)
WTS.	0.80 (0.36)	0.80 (0.36)	0.90 (0.39)	1.40 (0.64)	2.00 (0.91)	3.30 (1.47)	4.20 (1.91)	6.70 (3.02)	12.80 (5.81)	18.50 (8.39)