

Class 150 • Threaded Cap • Brass/Bronze Disc • Threaded Ends

Figure 137

Size Range:

¼" through 3"

Working Pressures Non-Shock:

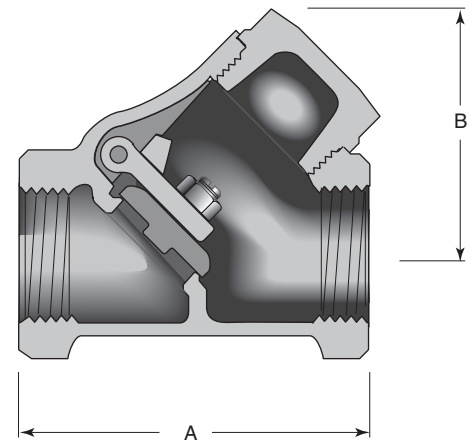
150 psi Steam, Basic Rating

300 psi Cold Working Pressure

Features

- Y-Pattern Body
- Threaded Ends
- Free to rotate disc design allows the disc to close in a different position on the integral seat each time it operates.
- Regrindable Seat
- Always install with pressure under the disc in vertical or horizontal position. An arrow cast on the body indicates the correct direction of flow.
- Screwed Cap
- MSS Specification SP-80

For more detailed features, refer to page 48.



Principal Parts & Materials

Part	Sizes	Material	ASTM
Body	All	Bronze	B62 alloy C83600
Cap	All	Bronze	B61 alloy C92200
Hinge	All	Bronze	B584 alloy C87600
Disc	¼" - ¾"	Brass	B16 H02
Disc	1" - 3"	Bronze	B61 alloy C92200
Hinge Pin	All	Stainless Steel	18-8

Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

	¼	⅜	½	¾	1	1 ¼	1 ½	2	2 ½	3
	(6)	(10)	(15)	(20)	(25)	(32)	(40)	(50)	(65)	(80)
A	2.18 (55)	2.18 (55)	2.19 (56)	2.75 (70)	3.24 (82)	3.84 (98)	4.40 (112)	5.18 (132)	6.13 (156)	7.40 (188)
B	1.50 (38)	1.50 (38)	1.63 (41)	1.91 (49)	2.50 (64)	2.90 (74)	3.42 (87)	4.19 (106)	5.09 (129)	5.95 (151)
WTS.	0.60 (0.27)	0.60 (0.27)	0.70 (0.32)	1.10 (0.50)	1.80 (0.82)	2.60 (1.18)	3.90 (1.77)	6.10 (2.77)	10.30 (4.67)	15.10 (6.85)