

Figure 37

# Bronze Swing Check Valve

**CRANE**

**Class 125 • Threaded Cap • Brass/Bronze Disc • Threaded Ends**

## Features

- Y-Pattern Body with Integral Seat
- Seat can be reground while the valve remains in the line
- Threaded Ends
- 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 47.

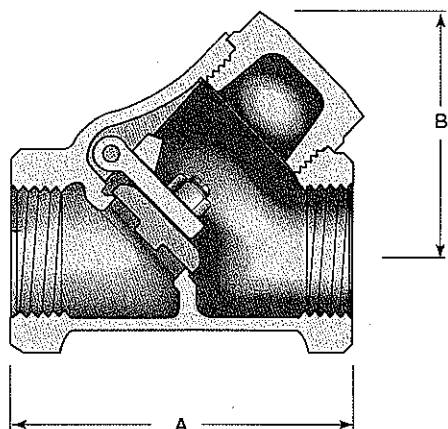


Figure 37

Size Range:

1/4" through 3"

**Working Pressures Non-Shock:**

125 psi Steam, Basic Rating

200 psi Cold Working Pressure

## SHOP DRAWING REVIEW

THIS DRAWING HAS BEEN REVIEWED FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT ONLY. SUCH REVIEW SHALL NOT RELIEVE THE CONTRACTOR OF HIS RESPONSIBILITY FOR ERRORS OR OMISSIONS OR OF WITHIN THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. THE CONTRACTOR'S RESPONSIBILITY IS ASSUMED FOR CORRECTNESS OF DETAILS.

<input checked="" type="checkbox"/>	NO COMMENT
<input type="checkbox"/>	SEE COMMENTS
<input type="checkbox"/>	AMEND & RESUBMIT
<input type="checkbox"/>	REJECTED

Submission No. 21  
Project No. 07-9102  
By CS  
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**DILLON CONSULTING LIMITED**

## Principal Parts & Materials

Part	Sizes	Material	ASTM
Body	All	Bronze	B62 alloy C83600
Cap	All	Bronze	B61 alloy C92200
Disc	1/4" - 3/4"	Brass	B16 H02
Disc	1" - 3"	Bronze	B61 alloy C92200
Hinge	All	Bronze	B584 alloy C87600
Hinge pin	All	Stainless Steel	18-8

## Dimensions and Weights

Inches (millimeters) - pounds (kilograms)

	1/4	3/8	1/2	3/4	1	1 1/4	1 1/2	2	2 1/2	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)