

# Class 150 Bronze Check Valves

Bolted Bonnet • Horizontal Swing • Regrinding Type • Renewable Seat and Disc

**150 PSI/10.3 bar saturated steam to 366°F/185°C**  
**300 PSI/20.7 bar non-shock cold working pressure**

CONFORMS TO MSS SP-80

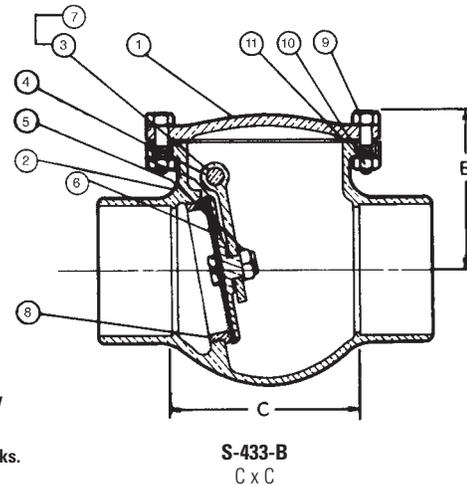


## MATERIAL LIST

PART	SPECIFICATION
1. Bonnet	Bronze ASTM B 62
2. Body	Bronze ASTM B 62
3. Hinge Pin	316 SS or 304 SS
4. Disc Hanger	Bronze ASTM B 62 or MPIF SS-316NI-25
5. Hanger Nut	ASTM B 62 Alloy C83600
6. Disc	Bronze ASTM B 62 (B)
7. Hinge Pin Plug	Bronze ASTM B140 Alloy C31400
8. Seat Ring	Bronze ASTM B 62 C83600
9. Body Bolt	Zinc Plated Steel
10. Body Nut	Zinc Plated Steel
11. Gasket	Aramid Fibers with Graphite



**S-433-B**  
Solder



## DIMENSIONS—WEIGHTS—QUANTITIES

Size	Dimensions				Weight	Master			
	B		C						
In.	mm.	In.	mm.	In.	mm.	Lbs.	Kg.	Ctn.	Qty.
4	100	6.19	157	7.38	187	37	16.78	1	

Install 5 pipe diameters minimum downstream from pump discharge or changes in direction to avoid flow turbulence. Flow straighteners may be required in extreme cases.

Note: On pump discharge, the preferred check valves are: inline, spring assisted, center-guided, lift checks.

NIBCO® Check Valves may be installed in both horizontal and vertical lines with upward flow or in any intermediate position. They will operate satisfactorily in a declining plane (no more than 15°).

Warning: Do Not Use For Reciprocating Air Compressor Service.

Warning: Swing checks are not recommended for vertical installation in NPS 4 or larger.

♦ For detailed Operating Pressure, refer to Pressure Temperature Chart on page 116.



**WARNING:** This product can expose you to chemicals including lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov).

Visit our website for the most current information.