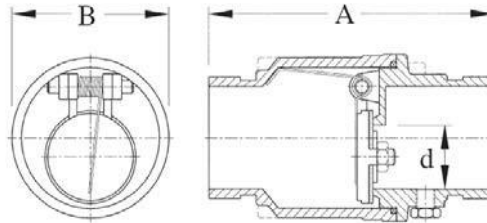


## MODEL BH-22C BRASS SWING CHECK VALVE

### Grooved-end, Spring Loaded Clapper

The **Shurjoint** Model BH-22C swing check valve is designed for grooved inlet and outlet connections, featuring a brass body with spring-loaded clapper with rubber seat rated 250 psi (17 bar) working water pressure. The valve body, end piece and clapper are made of brass castings per ASTM A-584 copper alloy C85700. **For installation Shurjoint's copper system, use Model C307 transition coupling.**



Full warranty terms  
can be found on  
[www.shurjoint.com](http://www.shurjoint.com)

**Model BH-22C Bronze Swing Check Valve**

Nominal Size	Pipe O.D.	Max. Working Pressure (CWP)*	Dimensions			Weight
			A	B	d	
in mm	in mm	PSI Bar	in mm	in mm	in mm	Lbs kgs
2 50	2.375 60.3	250 17	5.70 145	3.25 83	1.38 35	3.5 1.6
2½ 65	2.875 73.0	250 17	6.50 165	4.21 107	1.88 48	6.8 3.1
3 80	3.500 88.9	250 17	7.64 194	4.88 124	2.44 62	9.9 4.5
4 100	4.500 114.3	250 17	7.95 202	5.59 142	3.31 84	11.9 5.4

\*Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.

## MATERIAL SPECIFICATIONS

- **Body & End Piece:**  
Brass casting to ASTM B-587-87 Copper Alloy UNS C85700.
- **Clapper:**  
Bronze casting to ASTM B-587-87 Copper Alloy UNS C85700.
- **Clapper encapsulation:**  
EPDM.
- **Clapper pin / Nut / Washer:**  
Brass ASTM B16 C36000.
- **Spring:**  
Stainless steel Type 304.
- **Plug:**  
Brass ASTM B16 C36000.

### General Notes:

- **Maximum Working Pressure (CWP)** listed is the maximum cold water pressure for general piping services tested to ASTM F1476 and or AWWA C606 methods. Figures listed are based on roll- or cut-grooved standard wall carbon steel pipe. For other pipe schedules or pipe materials, contact **Shurjoint** for additional information.
- **Field Joint Test:** For one time only the system may be tested hydrostatically at 1½ times the maximum working pressure listed (AWWA C606 5.2.3).
- **Warning:** Piping systems must always be depressurized and drained before attempting disassembly and or removal of any components.
- **The Limited Warranty** applies to manufacturing defects only and does not cover severe service/temperature applications or wear parts.
- **Shurjoint** reserves the right to change specifications, designs and or standard without notice and without incurring any obligations.