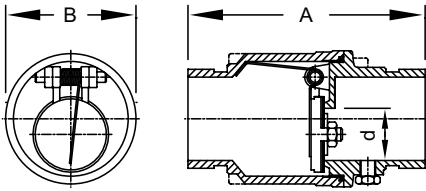




Job Name:	
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The Shurjoint Model BH-22C swing check valve is designed for grooved inlet and outlet connections, featuring a brass body with spring-loaded clapper with rubber seat, rated 250 psi (17 bar) working water pressure and suitable for installation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

Important Note: The placement of check valves too close to sources of unstable flows may damage the system and reduce valve life. Sound piping practices dictate check valves should always be installed a minimum of five (5) times the pipe diameter downstream from pumps, reducers, elbows and the like.

DIMENSIONS

NOMINAL SIZE	PIPE O.D.	MAX. WORKING PRESSURE (CWP) *	DIMENSIONS			WEIGHT
			A	B	D	
in	in	PSI	in	in	in	lb
mm	mm	Bar	mm	mm	mm	kg
2	2.375	250	5.70	3.25	1.38	3.5
50	60.3	17	145	83	35	1.6
2-1/2	2.875	250	6.50	4.21	1.88	6.8
65	73.0	17	165	107	48	3.1
3	3.500	250	7.64	4.88	2.44	9.9
80	88.9	17	194	124	62	4.5
4	4.500	250	7.95	5.59	3.31	11.9
100	114.3	17	202	142	84	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 PIN, NUT & WASHER:

- Brass ASTM B16 C36000

CLAPPER:

- Brass casting to ASTM B-587-87 Copper Alloy UNS C85700

SPRING:

- Stainless steel Type 304

CLAPPER ENCAPSULATION:

- EPDM

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.
- Max. End Load is calculated based on the maximum working pressure (CWP).
- Field Joint Test: For one time only the system may be tested hydrostatically at 1.5 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 10 Year 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.