

Series B5002/ B5002N

Bronze Check Valve

Size: DN15-DN50

The Watts B5002 Bronze Check Valve is designed to protect against medium backflow. The series is suitable for potable water application.

Features

- Simple Structure
- Low head loss
- Long Service Life

Pressure-Temperature

- Nominal Pressure: PN20
- Temperature Range: 0 °C ~80 °C

Test Pressures

Pneumatic	Hydraulic
Shell: 6 bar	Shell: 30 bar
Shell: 6 bar	Seat: 22 bar

Material

NO.	Component	Material
1	Drive Screw	Copper
2	Name Plate	Aluminum
3	Cap	Bronze
4	Packing	PTFE
5	Hinge Pin	Stainless Steel
6	Hinge	Bronze
7	Disc	NBR
8	Disc Holder	Bronze
9	Hinge Nut	Stainless Steel
10	Body	Bronze

Installation Dimensions

DN	Rc	d	L	H	A	Weight(kg)
DN15	1/2	12	58	36.5	10	0.22
DN20	3/4	18	66	43	11	0.37
DN25	1	24	76	49	12.7	0.54
DN32	1 1/4	30.6	88	57	14.5	0.83
DN40	1 1/2	37	96	62.5	15	1.12
DN50	2	48.6	112	72	18	1.74

*Available in both connection standard BSPT & NPT



Specification

- Design Standard: GB/T 8464/ MSS SP-80
- Connection Standard: Threaded to • ISO 7-1 BSPT, Available with NPT threading Model B5002N
- Test Standard: BS6755
- Medium: water, oil, steam

Approval

