

Series R5001/R5001N/R5001G

R5001/R5001N/R5001G-202405

Brass Silent Check Valve

Size: DN15-DN50

The Watts R5001/R5001N/R5001G Brass Silent Check Valve is designed to protect against medium backflow. The series is suitable for potable water application.

Features

- Operates in any position
- Low head loss
- Silent & robust
- Does not generate hammering

Pressure - Temperature

- Nominal Pressure: PN16
- Temperature Range: -20°C~110°C

Test Pressures

Pneumatic	Hydraulic
Shell: 6 bar	Shell: 24bar
Seat: 6 bar	Seat: 17.6 bar

Material

NO.	Component	Material
1	Body	Brass
2	Stem	Brass
3	Spring	Stainless Steel
4	Disc	Brass
5	Rubber	NBR
6	Bonnet	Brass

Installation Dimensions

Size DN(mm)	Dimensions(mm)			Wt.(kg)
	A	L	W	
15	33±1	46.5±1	25±1	0.14
20	42±1	56.5±1	31±1	0.23
25	46±1	60.5±1	38±1	0.3
32	59±1	61.5±1	47±1	0.47
40	66±1	67±1	52.5±1	0.63
50	80±1	85.±1.5	67±1	1
65	95±1	92.5±1.5	82±1	1.9
80	110±1	97.5±1.5	95±1	2.3
100	145±1	110±2	121±1	3.9

*Available in both connections standard BSPT, NPT,G Thread



Specification

- Connection Standard: BSPT to ISO 7-1, NPT to ASME B1.20.1 /MSS SP-80/G Thread
- Test Standard: BS EN 12266-1
- Medium: water

Approval

