



Waterworks[®] Brass Spring Check Valve



Waterworks® Brass Spring Check Valve

Design

The Waterworks® Brass Spring Check valves have excellent durability and corrosion resistance. Manufactured from high-quality brass, this heavy-duty valve has proven to have longevity and reliability even in challenging environments. It is designed to allow fluid to flow in only one direction and prevent backflow. When the fluid flows in the desired direction, the pressure pushes against the disc, compressing the spring and allowing the fluid to pass through the valve. When there is a reversal of flow, the disc is forced against the seat of the valve by the spring, blocking the passage and preventing the fluid from flowing backward.

Sizes

15mm, 20mm, 25mm, 32mm, 40mm, 50mm, 65mm, 80mm & 100mm

Applications

- Plumbing systems
- Irrigation systems
- Industrial processes
- Water treatment systems
- Heating and cooling systems
- Brass Spring Check Valves are particularly useful in situations where backflow prevention is critical, such as holding pressure in a pump system or protecting pipes and other equipment from damage caused by reverse flow.

Pressure Rating

Sizes 15mm-25mm are pressure rated to PN25 or 362PSI

Sizes 32mm -50mm are pressure rated to PN16 or 261PSI

Sizes 65mm-100mm are pressure rated to PN10 or 174PSI

Temperature Range

Operating temperature of -20°C to 100°C.

Certifications

ACS certification – French approval for potable water applications.

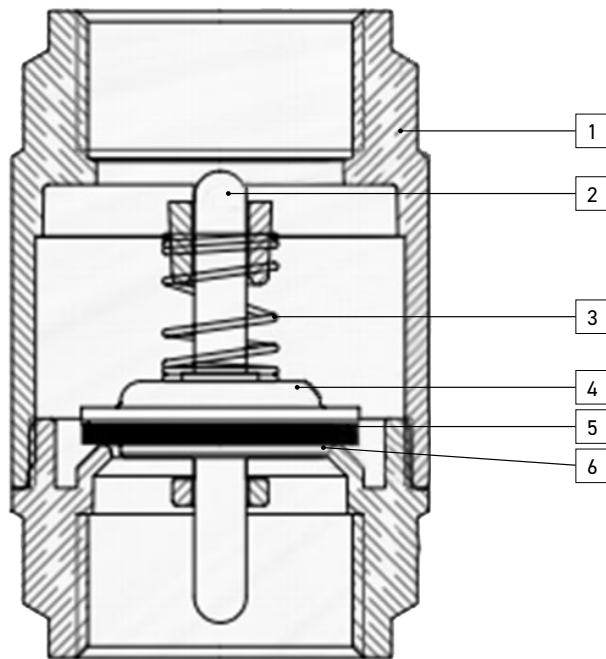
Design Specifications

- These valves have a minimum opening pressure of (Δp): 30mbar
- Can be mounted horizontally or vertically



Material Specifications

Threads: Female thread connection ISO228-1.



No.	Description	Material
1	Body	Brass
2	Shaft	Brass
3	Spring	304 Stainless Steel
4	Seal Support	304 Stainless Steel
5	Valve Seal	NBR Rubber
6	Obturator	Brass



Contact us to discuss your pipeline project 0800 387 677



90 Hurlstone Drive, New Plymouth

p: +64 6 769 6373

e: support@waterworks.co.nz

www.waterworks.co.nz