

Compact Check Valve

# Why people choose the CK3

Hidden Bestseller  
~ The CK3 Series ~



Stainless Steel / Brass / Bronze

**Spring-Disc Type**

Fluid flow pressure pushes the disc and opens the valve, but when backflow occurs backflow pressure closes the valve while spring force ensures a tight seal.

■ Open      ■ Closed

**Applications**

Fluid backflow prevention  
Water hammer countermeasures  
Vacuum break, Pressure release, etc

## Compact with Flexible Installation Orientation

Featuring an attractive slim body, with no protrusions, the CK3 performs well in any installation orientation, facilitating neat piping arrangements.



Vertical  
Horizontal  
Up, Down  
OK



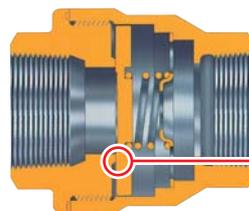
## Superior Sealing and Durability

Employing a spring loaded disc enables valve operation in response to minute differences in pressure while also maintaining a high quality seal. And all stainless steel construction translates to high durability.

## Suitable for Steam, Water and Air

Three different types of seal (metal, rubber, or PTFE) allow for use with various types of fluids\*.

\* Do not use for toxic, flammable, or otherwise hazardous fluids.



- CK3M Metal Seal (~220°C)
- CK3T PTFE Seal (~185°C)
- CK3R Rubber Seal (~90°C)

## Supports Diverse Specifications

In addition to standard products, special check valves with body materials: SUS 304, 316L etc, seat materials: FPM/EPR etc, or with a special spring for minimum opening differential pressures from 0.001 to 0.03 MPa, are available on request. Feel free to contact us.

\* FPM = Fluorine-Containing Rubber, EPR = Ethylene-Propylene Rubber.

In addition to the CK3 series, we offer an extensive range of products from flange (wafer) types to large size (DN100) types.



**TLV** CO., LTD.

881 Nagasuna, Noguchi-Cho, Kakogawa Hyogo 675-8511, JAPAN  
Phone:079-422-8833  
Fax:079-422-2277

Manufacturer  
**TLV** CO., LTD.  
Kakogawa, Japan  
is approved by LRQA Ltd. to ISO 9001/14001

ISO 9001/ISO 14001



Rev. 1/2016 (T)