



### **I Application**

Pressure-vacuum valve is a valve designed to maintain atmospheric pressure inside the tank while it is being filled or emptied.

It is widely used in the food-processing, wine-making, cosmetics and chemical industries as well as in the beverage and oil production.

### **I Operating principle**

The pressure-vacuum valve is designed to breathe in while the tank is being emptied to equal the pressure inside and outside the tank and protect the tank from vacuum.

When the tank is being filled, the valve allows air to come out, thus avoiding excess pressure inside the tank which would cause the tank to swell.

### **I Design and features**

Available sizes: 2" y 2 ½".

Easy disassembly.

Compact design.

BSP connections.

### **I Materials**

Stainless steel parts           AISI 316L

Spring                               AISI 302

Casing                               POM

Gasket                               NBR

### **I Technical specifications**

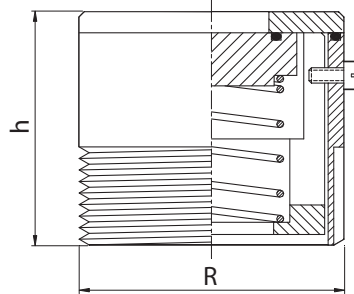
Working pressure                   1 bar

Opening pressure (overpressure)   15 mbar

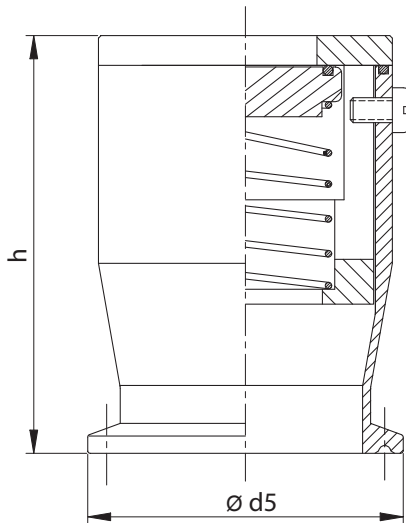
Opening pressure (vacuum)       20 mbar

Maximum working temperature   60 °C

**I Dimensions**



R	h	Code
BSP 2"	56	V7553-010641050
BSP 2½"	68	V7553-010641063



DN	d5	h	Code
DN 2"	64	84	V7553-070641050
DN 2½"	77,5	97	V7553-070641063



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