

THALETEC

Bottom outlet valves PremiumValve PHARMA

For pharmaceutical, fine- and
speciality chemical applications



THALETEC

Description:

»THALETEC PremiumValve PHARMA« bottom outlet valves were developed in accordance with the latest findings of GMP valve technology and on the basis of experience and feedback from customers in the pharmaceuticals and fine chemicals sectors over many years.

The bottom outlet valve is available in the nominal sizes of 150/100, 100/80, 80/50 and 50/32 with manual drive (hand wheel) or pneumatic drive, which can also be configured laterally upon request.

Features:



- The valve body is **self-emptying**, liquid residues do not remain in the valve
- The valve seat is sealed to the tank nozzle **securely and durably** by means of a chemically-resistant O-ring, which prevents the penetration of media between the nozzle wall and the valve seat
- Bellows, which have been completely **newly developed from a GMP perspective**, permit perfect **cleaning** capability and guarantee a long **operating life** with hermetic sealing
- The **temperature measuring tip** QuickTip, together with the plug-in temperature sensor flexsens 100 (2 x Pt 100 in 4-wire-connection), ensures a **fast and accurate** recording of the product temperature at the lowest point of the tank
- The temperature sensor can be easily removed for **calibration** without the need to take the valve out of operation
- A **lateral cleaning nozzle** available as an option facilitates rinsing the valve when the valve is closed
- You will find more information in our leaflets  k061 QuickTip and  k053 flexsens100.
- Based on the **minimal overall height** of the valve interior this also fits on tanks with restricted space under the apparatus
- All drive components are made of stainless steel, even the pneumatic drive
- The entire drive is covered by a **stainless steel casing**, thereby protected from contamination and easy to clean
- Operating pressure: -1/+10 bar; operating temperature: -60°C/+230°C



Fig. 2:
Exterior view

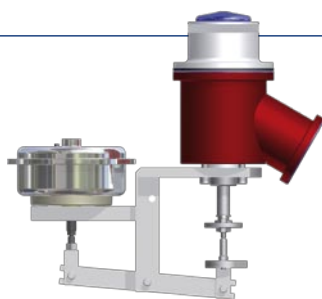


Fig. 3:
Configuration with lateral drive with
minimal overall height



Fig. 4:
Exterior view

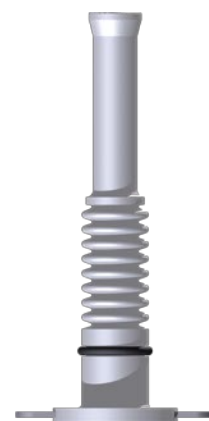
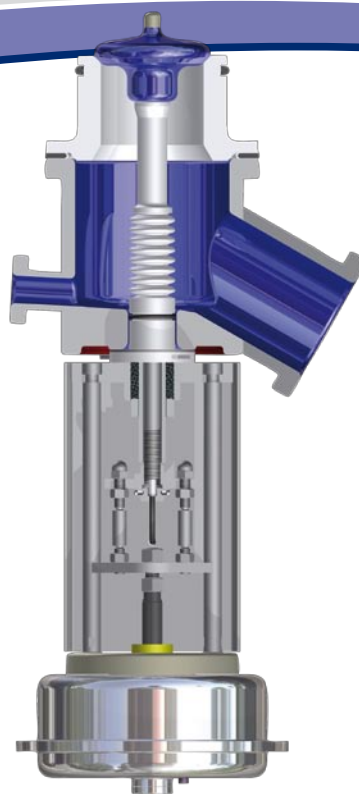



Fig. 1 :
Innovative GMP-compliant
and easy to clean bellow

- Also suitable for low temperature applications to -85°C
- Also available as an option with the THALETEC ConducTip, the glass-lined earthing point, which facilitates the operation of your plant in line with the European Use of Work Equipment Directive 2009/104 EC. For detailed information see leaflet  k067 ConducTip.

Advantages:

- Easiest and most cost effective cleaning of all components in contact with the product
- Highest functionality
- Highly accurate and fast **temperature measurement** at the lowest point in the tank with increased safety
- No risk that product residues can penetrate moving, dynamic seals
- Optimum **cleaning capability** also of the exterior
- **Components in contact with the product** are available in the following materials: enamel, stainless steel, Hastelloy (others upon request)
- Modular system for the straightforward addition of components

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