



ORELL



Innovation: Fire safety valve

Protect life

In the event of a fire, it is important to be able to discharge the trapped gas quickly and safely before the accumulator or other pressure equipment becomes an explosion hazard and thus endangers lives. With the BSV you ensure the release of the gas at a defined temperature with an accuracy tolerance of $\pm 3.5\%$.

Retrofittable

The connection and its sealing are executed the same as on common used burst discs, with $\frac{1}{4}$ " BSPP thread. This allows an easy and fast replacement of the burst disc during your regular maintenance interval.

If you don't have a burst disc installed today, there's an adapter piece available which can be mounted on any accumulator, to enable you to mount the BSV in no time.

UL approved

The temperature responsive element is approved by Underwriters Laboratories Inc.

Quality control

Over 800 different measurements are performed on each temperature responsive element to ensure 100% quality. This allows us to guarantee a bursting accuracy of $\pm 3.5\%$ of the nominal temperature.

They are also produced to stringent quality Standards under the latest version of ISO 9001 to meet all requirements of the approval authority Underwriters Laboratories Inc. (UL)

Main technical data

Standard version

- Discharge at 79 or $93^{\circ}\text{C} \pm 3.5\%$
- max. allowable working pressure 800 bar
- $\frac{1}{4}$ " BSP connection
- 1.4418 / S165M

Other executions on request available

Reason why

Today the common solution is to use a pressure safety device, such as a burst disc or PSV. These devices only protect the vessel in the case of over pressure not temperature.

Learn more why the "BSV" is the future of protective devices for your pressure equipment.



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