Description

The container valve type CV 10 is part of a bottom loading and unloading system for hazardous tank containers (TC) of IMO classes 1 and 2. It forms the first inner shut-off as defined by TRTC 026, and is therefore part of the pressure-containing shell. The CV 10 is a spring-assisted single-disc swing-check valve which is operated manually by a lever. The valve ensures clear indication of “OPEN” and “CLOSED” positions, and operates without the possibility of intermediate positions.

The valve offers the following advantages:

- It is of compact and lightweight design.
- The closing spring is always in the field of view, and can be visually monitored.
- The valve ensures a high operating safety due to a limited number of moving parts. Wear is consequently reduced.
- The spring can be exchanged without any problem.
- Simple operating principle.

The container bottom valve meets the national and international requirements laid down by the following:


5. **AD bulletins** AD-Arbeitsgemeinschaft Druckbehälter (German Association issuing Standards on Pressure Vessels).

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**Technical Data**

**Type-approval No.**
Lloyds Register: 96/20061

**Nominal size**
80 mm (3’)

**Operating pressure**
4 barg (58 psig)

**Operating temperature**
Maximum 190 °C
Order and Enquiry Specifications

**Standard version:**
Container bottom valve type CV 10/45
Flange inclination angle 45°
Face-to-face dimensions 127 mm

**Variants**
Container bottom valve type CV 10/30
Flange inclination angle 30°
Face-to-face dimensions . . . mm

Heating jacket:
- Heating fluid:
- Service pressure: . . . bar/psi
- Service temperature: . . .°C

Please state fluid and indicate corresponding UN number when ordering.

Supply in accordance with our general terms of business.

Technical modifications reserved.

* For CV 10/30 please state face-to-face dimension