ACCESSORIES
SAFETY VALVE – CLOSED COMPLETION • DATA-SHEET

Suitable for: RITTER Drum-type Gas Meters and Bellows-type Gas Meters

Gases: toxic

Set pressure:
- type 1: 50 mbar
- type 2: 500 mbar
- type 3: 1 bar

Maximum flow rate:
(with air at 0°C)
- type 1: 5 Nm³/h
- type 2: 11 Nm³/h
- type 3: 17 Nm³/h

Material: 1.4571 / 1.4581

Function: spring loaded

Connection: pipe connection

Operating temperature:
-60 °C to +280 °C

Installation position: vertical

Sealing: Viton

(1) Please mind the temperature range of the gas meter!

Caution:
If the pressure will exceed the above-mentioned set pressure, the safety valve will open. However, if the flow rate from the gas source exceeds the above-mentioned max. flow rate, the valve would not be able to vent the meter quickly enough.

This would build-up a pressure inside of the meter and may destroy the gas meter despite of the opened valve!

<table>
<thead>
<tr>
<th>Inlet</th>
<th>Outlet</th>
<th>Dimensions</th>
<th>Set pressure</th>
<th>Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>E</td>
<td>Sₐ</td>
<td>d</td>
<td>l</td>
<td>A</td>
</tr>
<tr>
<td>G</td>
<td>3/4</td>
<td>34</td>
<td>32</td>
<td>16</td>
</tr>
</tbody>
</table>

The most recent version of this data-sheet can be found at https://www.ritter.de/en/data-sheets/safety-valve-closed-completion/

Dr.-Ing. RITTER Apparatebau GmbH & Co. KG · Coloniastrasse 19-23 · D-44892 Bochum · Germany
For questions please contact mailbox@ritter.de or your any local distributor at https://www.ritter.de/en/worldwide/