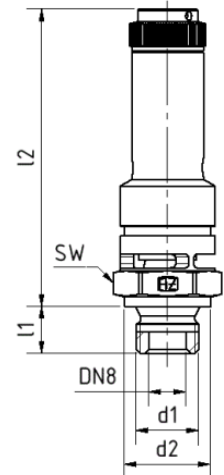


For compressed air and non-toxic, non-flammable gases, cannot be used for liquids due to free blow-off, not suitable for steam.

Conformity declaration, type test approval, type examination, CE 0036.

- Open bonnet design, free blow-off
- Valve seat with elastic sea
- Knurled screw for lifting the valve
- Connection with male thread
- Safety valves supplied with a sealed lead disc and already adjusted
- Type test approval mark TÜV

|                       |  |
|-----------------------|--|
| Operating pressure    | 0.2 - 50 bar                                   |
| Operating temperature | -25 °C to 180 °C                               |
| Spring housing        | Brass 2.0401 (CuZn39Pb3 DIN 17672)             |
| Seat fixing           | Brass 2.0401 (CuZn39Pb3 DIN 17672)             |
| Pressure spring       | Stainless steel 1.4568 (X7CrNiAl177 DIN 17224) |
| Sealant               | FKM  |



### Safety valve

| Type No. | Pressure range<br>bar | d1<br>mm | d2<br>mm | l1<br>mm | l2<br>mm | SW<br>mm |
|----------|-----------------------|----------|----------|----------|----------|----------|
| 226.01   | 0.2 - 14.2            | G 1/4    | 18.0     | 10.0     | 63.0     | 20       |
|          | 14.21 - 39.90         | G 1/4    | 18.0     | 10.0     | 75.0     | 20       |
|          | 39.91 - 50.0          | G 1/4    | 18.0     | 10.0     | 82.0     | 20       |
| 226.02   | 0.2 - 14.2            | G 3/8    | 20.0     | 12.0     | 63.0     | 20       |
|          | 14.21 - 39.90         | G 3/8    | 20.0     | 12.0     | 75.0     | 20       |
|          | 39.91 - 50.0          | G 3/8    | 20.0     | 12.0     | 82.0     | 20       |
| 226.03   | 0.2 - 14.2            | G 1/2    | 24.0     | 14.0     | 63.0     | 24       |
|          | 14.21 - 39.90         | G 1/2    | 24.0     | 14.0     | 75.0     | 24       |
|          | 39.91 - 50.0          | G 1/2    | 24.0     | 14.0     | 82.0     | 24       |

This product must be installed and operated in accordance with the installation and operating instructions, safety information and any relevant regulations and standards!

| <b>Discharge capacities</b> |   |  |                |   |  |                |   |
|-----------------------------|---|--|----------------|---|--|----------------|---|
| $p_e$<br>[bar]              | $Q_m$ [m <sup>3</sup> /h]<br>at 0 °C/<br>760 Torr |  | $p_e$<br>[bar] | $Q_m$ [m <sup>3</sup> /h]<br>at 0 °C/<br>760 Torr |  | $p_e$<br>[bar] | $Q_m$ [m <sup>3</sup> /h]<br>at 0 °C/<br>760 Torr |
| 0.2                         | 13.6  |  | 14             | 356.4   |  | 33             | 811.2   |
| 0.8                         | 19.3  |  | 15             | 380.4   |  | 34             | 835.1   |
| 0.9                         | 37.6  |  | 16             | 404.3   |  | 35             | 859.0   |
| 1.4                         | 48.1  |  | 17             | 428.2   |  | 36             | 883.0   |
| 1.9                         | 58.6  |  | 18             | 452.2   |  | 37             | 906.9   |
| 2.0                         | 69.2  |  | 19             | 476.1   |  | 38             | 930.8   |
| 2.5                         | 81.2  |  | 20             | 500.0   |  | 39             | 954.8   |
| 3                           | 93.2  |  | 21             | 524.0   |  | 40             | 978.7   |
| 3.5                         | 105.1   |  | 22             | 547.9   |  | 41             | 1002.6  |
| 4                           | 117.1   |  | 23             | 571.8   |  | 42             | 1026.6  |
| 5                           | 141.0   |  | 24             | 595.8   |  | 43             | 1050.5  |
| 6                           | 165.0   |  | 25             | 619.7   |  | 44             | 1074.4  |
| 7                           | 188.9   |  | 26             | 643.6   |  | 45             | 1098.4  |
| 8                           | 212.8   |  | 27             | 667.6   |  | 46             | 1122.3  |
| 9                           | 236.4   |  | 28             | 691.5   |  | 47             | 1146.3  |
| 10                          | 260.7   |  | 29             | 715.4   |  | 48             | 1170.2  |
| 11                          | 284.6   |  | 30             | 739.4   |  | 49             | 1194.1  |
| 12                          | 308.6   |  | 31             | 763.3   |  | 50             | 1218.1  |
| 13                          | 332.5   |  | 32             | 787.2   |  |                |   |

The specified blow-off rates are achieved if the pressure rises 10% above the set pressure.

Special versions:

- Jet deflection ring (optional)
- Nickel-plated safety valves (seat fixing and pressure spring) available on request.
- Stainless steel safety valves.

| <b>Stainless steel safety valves (optional)</b> |              |     |        |
|---|--------------|-----|--------|
| Part  | Material No. |     |        |
| Seat fixing                                     | 1.4401       |     | 1.4571 |
| Spring housing                                  | 1.4401       |     | 1.4571 |
| Valve seat seal                                 |              | FKM |        |
| Pressure spring                                 | 1.4568       |     | 1.4568 |
| Temperature range -25 °C to 180 °C              |              |     |        |

Certificates acc. to DIN EN 10204 (available at an additional cost):

- TÜV adjustment certificate incl. operating instructions, internal examination – visible Material.
- TÜV adjustment certificate:  
Examination by TÜV-SÜD - Material: soft sealing safety valve - SVW=CW614N  
Additional specification - Blow off rate in l/min.
- 2.1 Declaration of compliance with the order.
- 2.2 Test report. Without specifying the batch.
- 3.1 Inspection certificate. With specifying the batch.
- 3.2 Inspection certificate. Examination by TÜV-SÜD – without specifying the batch.