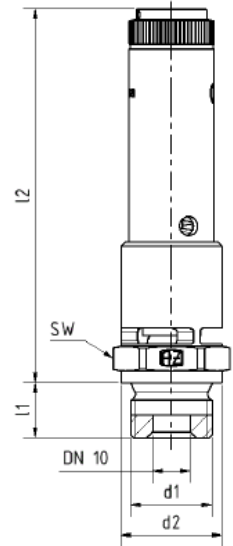


For compressed air and non-toxic, non-flammable gases, cannot be used for liquids due to free blow-off, not suitable for steam.

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 bar	d1 mm	d2 mm	l1 mm	l2 mm	SW mm
227.44	0.20-8.50	G 3/8	22.0	12.0	75.0	27
	8.51-40.00	G 3/8	22.0	12.0	95.0	27
	40.1 - 50.0	G 3/8	22.0	12.0	120.0	27
227.55	0.20-8.50	G 1/2	26.0	14.0	75.0	27
	8.51-40.00	G 1/2	26.0	14.0	95.0	27
	40.1 - 50.0	G 1/2	26.0	14.0	120.0	27
227.66	0.20-8.50	G 3/4	32.0	16.0	75.0	32
	8.51-40.00	G 3/4	32.0	16.0	95.0	32
	40.1 - 50.0	G 3/4	32.0	16.0	120.0	32

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

**Discharge capacities**

$p_e$ [bar]	Qm [m3/h] at 0 °C/ 760 Torr	$p_e$ [bar]	Qm [m3/h] at 0 °C/ 760 Torr	$p_e$ [bar]	Qm [m3/h] at 0 °C/ 760 Torr
0.2	24.0	15	649.2	34	1425.3
0.8	59.4	16	690.0	35	1466.2
1.3	76.9	17	730.8	36	1507.0
1.8	94.5	18	771.7	37	1547.7
2.3	112.1	19	812.6	38	1588.7
2.8	129.5	20	853.4	39	1629.5
3.3	147.1	21	894.3	40	1670.4
3.8	164.1	22	935.1	41	1711.3
4	199.8	23	975.9	42	1752.1
5	240.7	24	1016.8	43	1792.9
6	281.5	25	1057.7	44	1833.8
7	322.4	26	1098.5	45	1874.6
8	363.3	27	1139.4	46	1919.5
9	404.0	28	1180.2	47	1956.4
10	444.9	29	1221.1	48	1997.2
11	485.8	30	1261.9	49	2038.1
12	526.6	31	1302.7	50	2078.9
13	567.5	32	1343.6		
14	608.3	33	1384.5		

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.

**Stainless steel safety valves (optional)**

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.