
**Housing-Materials:**

- P235GH, S235JRG2, P265GH

**Nominal diameters:** DN15, DN20, DN25, DN32, DN40, DN50, DN65, DN80, DN100

**Connections:**

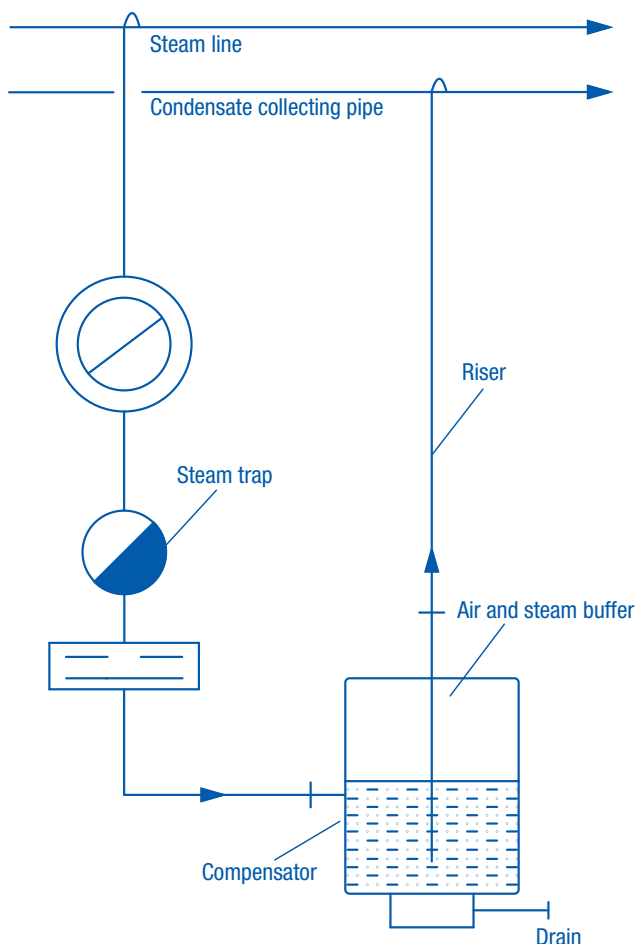
- Flanges DN 15-100, acc. DIN EN 1092-1, PN 16 & 40
- Flanges 1/2"-4", acc. ANSI B 16.5, Class 150 & 300
- Female thread G 1/2"-2" (BSP) acc. DIN ISO 228-1
- Female thread 1/2"-2" NPT acc. ANSI B 1.20.1
- Butt weld DN 15-100 acc. DIN EN 12627 as ANSI B 16.25
- Socket weld DN 15-100 acc. DIN EN 12760 as ANSI B 16.11

**Nominal pressure stage:** PN 16 / 25

**Operation-limits:** variable

**Media:** Steam/-condensate

**Application:** Pipes, Armatures and Equipment

**Example of installation:**


**Function:** Compensators protect pipe systems, valves and plants from being damaged by water hammer.

In vertical riser lines the hot condensate meets the already cooled down condensate. The flash steam occurring behind the trap condenses suddenly. The compensator is designed to act as a bumper. In the upper part of the housing arises an air and steam cushion which cannot escape and therefore buffers the condensate shocks.

In the same way it decreases pressure surges in the main collecting lines.

**Special characteristics:**

- Robust construction
- No wear parts
- No maintenance needed
- The possible contaminations can be removed through discharging.

**Installation:**

- vertical
- acc. example of installation on deepest Point of the vertical riser

**As option at additional charge:**

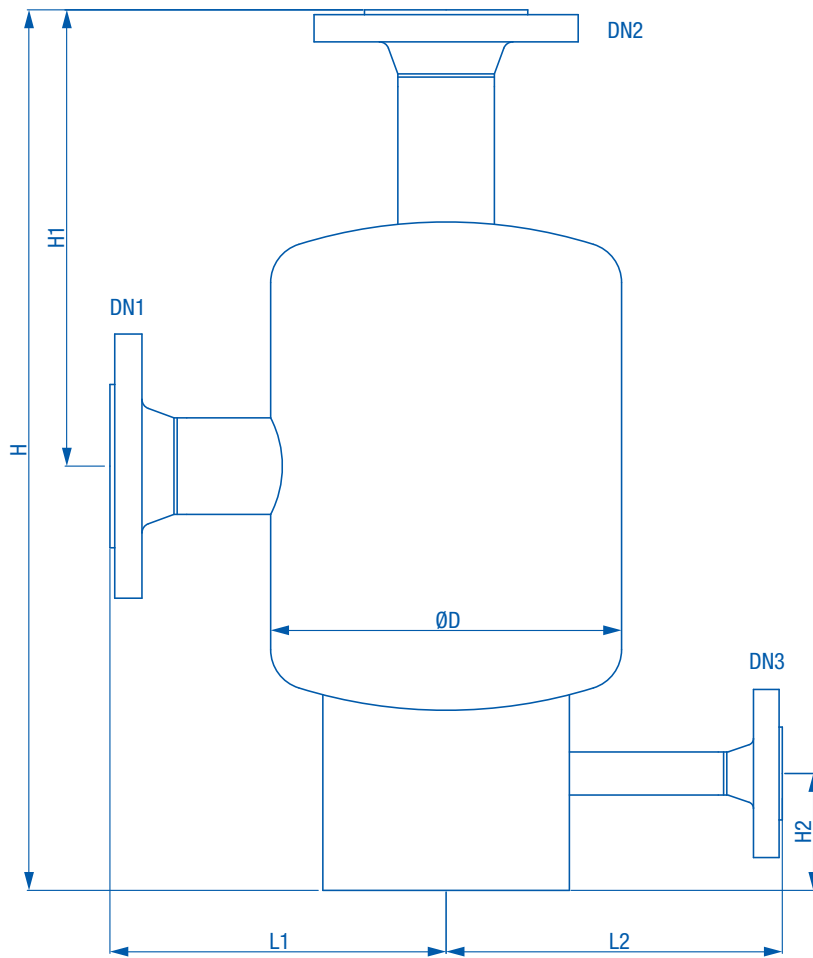
- optional frame or brackets for installation

**CE - Mark:**

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 2014/68/EU. Conformity verified through the identifying CE-mark.

**Please state the following when making inquiries / placing orders:**

Medium, temperature, pressure range, needed Volume and quantity of condensation (kg/h).



Dimensions (in mm)

DN	Volume (l)	Design (bar g/°C)	Flanges	Design (bar g/°C)	Flanges	DN 1	DN 2	DN 3	H	H1	H2	ØD	L1	L2
		PN10/16		PN16/25										
15	5	12/250	PN16	12-18/250	PN40	15	15	15	480	250	68	168,2	180	180
20	5	12/250	PN16	12-18/250	PN40	20	20	15	480	250	68	168,2	180	180
25	5	12/250	PN16	12-18/250	PN40	25	25	15	480	250	68	168,2	180	180
32	10	5/250	PN16	5-18/250	PN40	32	32	20	550	285	73	219,1	210	210
40	10	5/250	PN16	5-18/250	PN40	40	40	20	550	285	73	219,1	210	210
50	10	5/250	PN16	5-18/250	PN40	50	50	20	550	285	73	219,1	210	210
65	25	8/250	PN16	8-13/250	PN16	65	65	20	760	410	73	273	240	270
80	25	8/250	PN16	8-13/250	PN16	80	80	20	760	410	73	273	240	270
100	50	4/250	PN16	4-13/250	PN16	100	100	20	730	390	73	406,4	350	350

If you need different requirements please contact us.  
Weight on request.

To ensure correct delivery, specify works standard sheet number 10025 (PN16) or 10125 (PN25) and DN.