
**Housing-Materials:**

- ASTM A182 Gr.F22

**Nominal diameters:** DN15, DN20, DN25

**Connections:**

- Butt weld DN 15-25 acc. DIN EN 12627 acc. ANSI B 16.25
- Socket weld DN 15-25 acc. DIN EN 12760 acc. ANSI B 16.11
- Flanges DN 15-25, acc. DIN EN 1092-1, PN250 (optional)
- Flanges 1/2"-1", acc. ANSI B 16.5, Class 1500 (optional)
- Other connections on request

**Nominal pressure stage:** PN 250

**Operation limits:**

Max. operating pressure (bar g)	250
Max. operating temperature (°C)	550

**Min. operating pressure:** 8 bar g

**Max. back pressure:** not to exceed 50% of initial pressure

**Media:** Steam/-condensate

**Function:** Periodic removal of condensate and ventilation of steam systems by using the thermodynamic effect. This thermodynamic high pressure trap is preferably suitable for draining high pressure steam pipes.

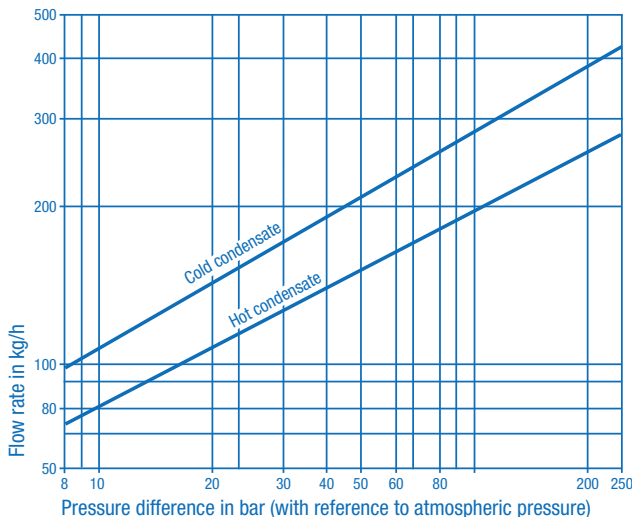
**Special characteristics:**

- compact design
- adapts itself automatically to the operating conditions
- drains the condensate with very low heat loss
- tough valve design
- resistant against water shocks

**Installation:** preferably horizontal, vertical possible

**Optional:**

- Weld-on Flanges

**Performance:**

**CE - Mark:**

The pressure equipment is in accordance with the Pressure Vessel Directive 97/23/EC, Article 3, subsection 3 and bears no CE mark.

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

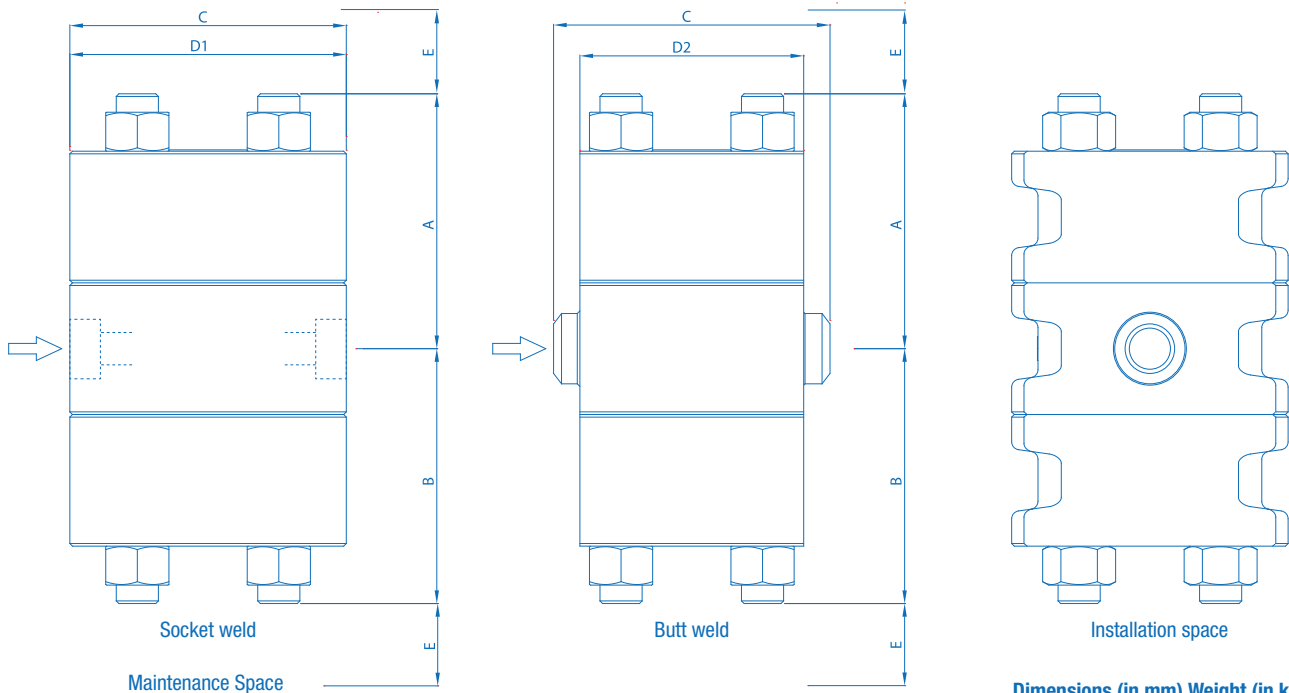
Medium, initial pressure, counter-pressure, temperature, quantity of condensation (kg/h).



# Installation Dimensions

RD361

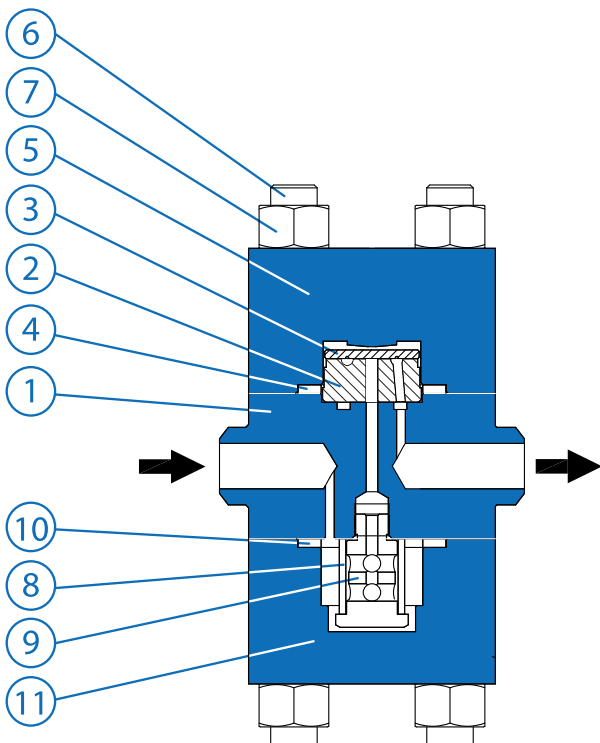
PN 250



Dimensions (in mm) Weight (in kg)

DN	A	B	C	D1	D2	E	Weight	
							Butt weld	Socket weld
15 (1/2")	95	95	105	105	95	55	9,5	11
20 (3/4")	95	95	105	105	95	55	9,5	11
25 (1")	95	95	105	105	95	55	9,5	10

## Spare Part



- 1 **Housing:** ASTM A182 Gr.F22
- 2 **Valve seat\*:** ASTM A681 Gr.D2
- 3 **Disc\*:** ASTM A681 Gr.D2
- 4 **Housing gasket:** ASTM A276 Tp. 304 + graphit
- 5 **Top housing:** ASTM A182 Gr.F22
- 6 **Set of stud bolts:** ASTM A193 Gr.B16
- 7 **Set of nuts:** ASTM A194 Gr.4
- 8 **Strainer:** ASTM A240 Tp. 304
- 9 **Retainer:** ASTM A276 Tp. 304
- 10 **Gasket for strainer:** ASTM A276 Tp. 304 + graphit
- 11 **Lower housing:** ASTM A182 Gr.F22

\* Due to sealing requirements, marked items cannot be supplied as individual parts.

To ensure correct parts delivery, specify part number, works standard sheet number RD361 and DN.