

Housing Material: SS 1.4581 (SS 1.4552)

Connection: Flanges DN 15, 20, 25, 40, 50. Dimensions according to DIN EN 1092-1. Welding ends and other flange standards on e.g. acc. ANSI request.

Nominal pressure stage: PN 25

Operation-Limits:

max. operating pressure in bar g	24	22	19	17
max. operating temperature in °C	100	150	200	300

Media: Aggressive media. Gases and cooling agents on request.

Function: Increasing level opens and decreasing level closes the outlet without delay, independent of pressure and temperature fluctuations.

Special characteristics: Only one movable point since the rotary slide-valve is both swivel joint and shut-off device.

Installation: WU-1101N: Horizontal flow.
EF-1180N: Condensate inlet at top, outlet at side.

Additional equipment against extra price:

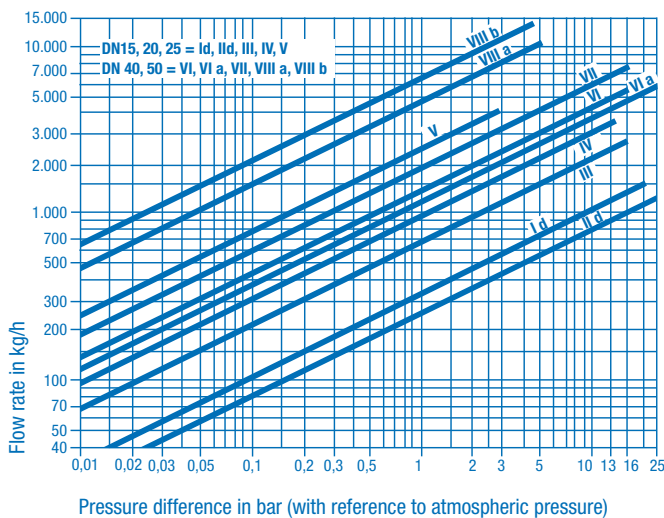
- Drain plug G 1/2"
- Blow-off valve for contaminants instead drain plug
- Vent jet, interior (only for steam)
- Connection for pressure compensation line
- Control with special cross-section V, VIIIa and VIIIb
- Float control for special application
- Housing seal: V4A ridge profiled in place of PTFE for temperatures above 150 °C
- Float easing lever
- Check valve in outlet flange

Type WU/EF can be equipped with a light float for special cases (e.g. for media with a density <<1). Particulars on range of application available on request

Function-limit:

Cross-section	max. line pressure in barg g
Id	18
IIId	20
III	13
IV	11
V	2,5
VI	16
VIa	20
VII	16
VIIIa	4
VIIIb	4

Performance:

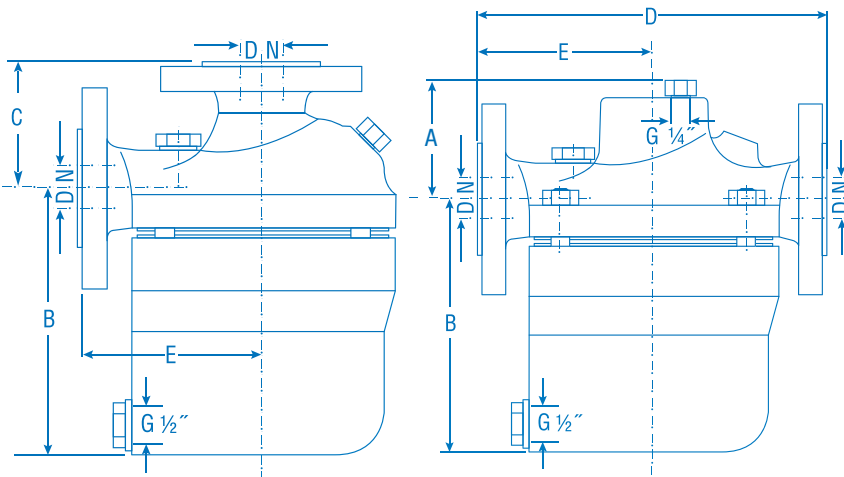


For hot condensate the flow rate is lower because of medium temperature and density.

CE - Mark:

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 97/23/EC. Conformity through the identifying mark CE0525, DN 15-25: acc. Art.3, Subs.3 no CE.

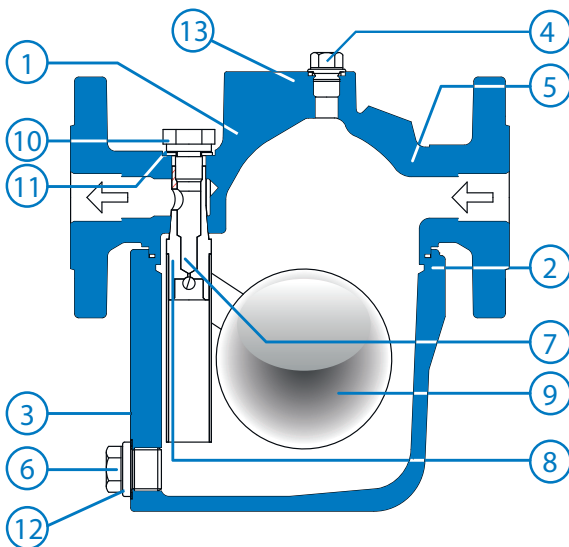
Please state the following when the making inquiries/placing orders: Medium, density, initial pressure, counter-pressure, temperature, quantity of condensation (kg/hr).



Dimensions (in mm), Weight (in kg)

DN	15	20	25	40	50
A	105	105	105	140	140
B	150	150	150	220	220
C	75	75	75	110	110
D	215	215	215	320	320
E	108	108	108	160	160
weight	10,5	11	11,5	26,5	27,5

Spare Parts



- 1 **Upper part of housing:** SS 1.4581 or 1.4552*
- 2 **Housing seal:** PTFE or SS 1.4571 ridge profiled seal* graphit.
- 3 **Lower part of housing:** SS 1.4581 or 1.4552*
- 4 **Plug:** SS 1.4571
- 5 **DN 15 – 25: Set of stud bolts with nuts:**
M 14 DIN 939/DIN 934, A4 – 70/A4
DN 40/50: Set of hexagonal bolts with nuts:
M 16 DIN 931/DIN 934, A4 – 70/A4
- 6 **Drain plug:** SS 1.4571
- 7 **Float control assembly including support**:** SS 1.4571
- 8 **Support assembly with rotary valve and cotter pin**:** SS 1.4571
- 9 **Float and lever:** SS 1.4571
- 10 **Hexagonal bolts:** SS 1.4571
- 11 **Seal:** PTFE or SS 1.4571 ridge profiled*
- 12 **Seal:** PTFE or SS 1.4571 ridge profiled*
- 13 **Seal:** PTFE or SS 1.4571 ridge profiled*

* Depends on operating conditions, PTFE only up to 150° C !

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

To ensure correct parts delivery, please mention, specify part number, Works Standard-Sheet number, DN and for control components the cross-section, which is to find at the supporting Screw.

