

Housing material: EN-JS 1049

Connections: DN 15, 20, 25, 40, 50 flanges, connecting dimensions according to DIN EN 1092-2, special flanges e.g. acc. ANSI upon request.

Nominal pressure stage: PN 25

Operation-Limits:

Operating pressure in bar g	25	23	20
max. operating temperature (°C)	-10/120	200	300

Media: steam, compressed air, pressurized gases.

Function: Increasing level opens and decreasing levels closes the outlet without delay, independent of pressure and temperature fluctuations. Very simple functional check and vent possibility through stainless steel control valve.

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

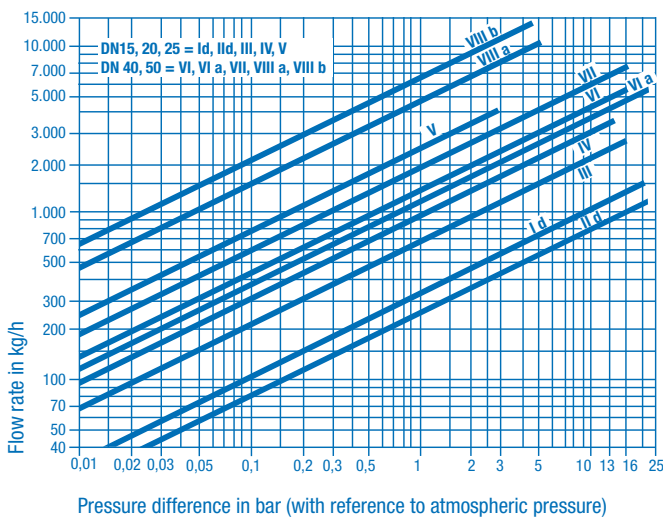
Installation:

- WU-1101: Horizontal installation
- EF-1180: Angular (inlet at top, outlet at side)

Accessoires at additional cost:

- Drain plug
- Blow-off valve for contamination instead drain plug
- Vent jet, interior (only for steam)
- Connection for pressure compensation line for compressed air and gases
- Automatic, thermic venting (see model 1002 and 1004)
- Housing seal: made of soft iron upon request
- Easing lever for float
- Control valve in lower part (min. condensate level)
- Non return check valve in outlet flange

Performance



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

Please state the following when making inquiries / placing orders:

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

Type WU can be fitted with a light float for special individual cases (e.g. for media with a density <<1). Request further details on range of application.

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

CE - Mark:

The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 97/23/EC.

DN 15-25: acc. Art 3, Subs. 3 no CE,

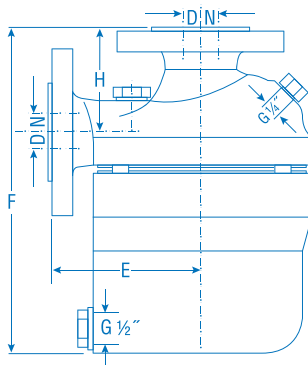
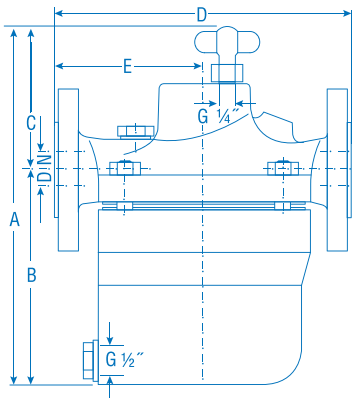
DN 40/50: Conformity through the identifying mark CE0525.



Installation Dimensions

1101-1180

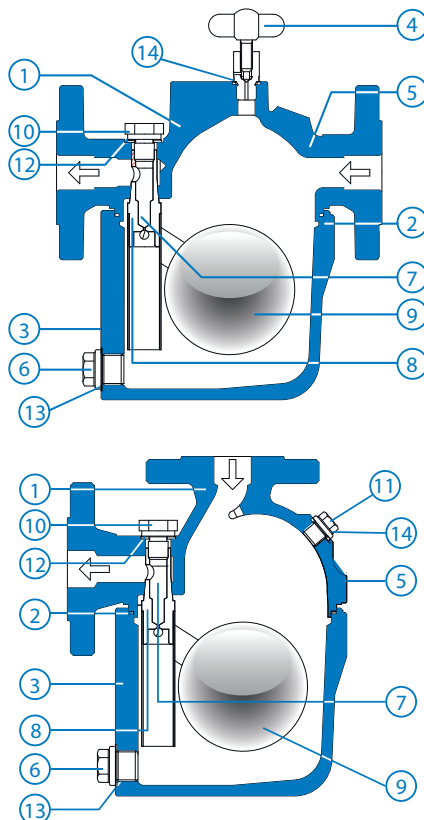
PN 16/25



Dimensions (in mm), Weight (in kg)

DN	15	20	25	40	50
A	255	255	255	360	360
B	150	150	150	220	220
C	105	105	105	140	140
D	215	215	215	320	320
E	110	110	110	160	160
F	225	225	225	330	330
H	75	75	75	110	110
Weight	10,5	11	11,5	26,5	27,5

Spare Parts



- 1 Upper part of housing: EN-JS 1049
- 2 Housing seal: Copper, soft iron or PTFE*
- 3 Lower part of housing: EN-JS 1049
- 4 Control valve: Locking handle:
SS 1.4104/plastic, Screw-in union: SS 1.4104
- 5 Set screw with nuts: ISO 4032 DIN 939 / DIN 934 (not visible)
- 6 Drain plug: 5.8
- 7 Float control, complete including supporting screw**:
SS 1.4057/1.4112/1.4301/1.4104 or complete 1.4571*
- 8 Supporting structure, complete with rotary slide valve
and cotter pin**: SS 1.4057/1.4301/1.4112 or complete 1.4571*
- 9 Float with fork: SS 1.4301 or 1.4571*
- 10 Supporting screw: SS 1.4104 or 1.4571*
- 11 Control Screw: 1.4104
- "# Gasket: Cu, soft iron or PTFE*
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* depending on operating conditions

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

To ensure correct parts delivery, please specify part number, works standard sheet no. 1101/1180, DN, and for spare parts of control components the cross-section, which is to find at the supporting screw.