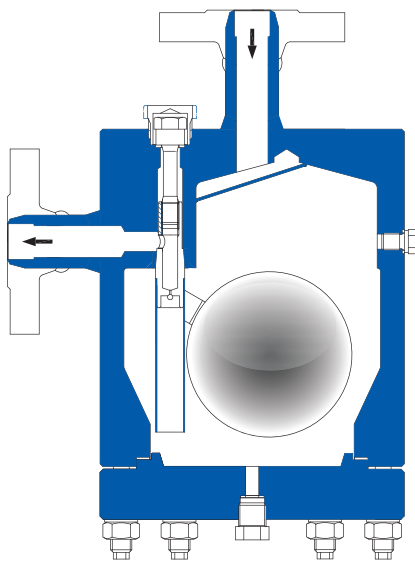
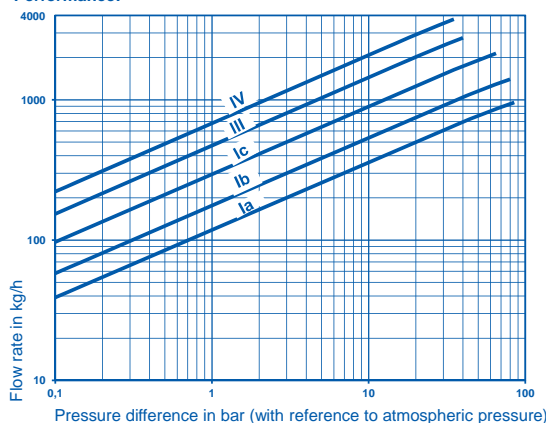

WU-1550

EF-1551
Performance:


For cold condensate the flow rate is higher because of the medium temperature and density.

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 mark: CE0525

Please state the following when making inquiries/placing orders:

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

Housing Material:

- P250GH
- 13CrMo4-5
- 10CrMo9-10

Nominal diameters: DN15-DN50
Connections:

- Flanges DN 15-50, acc. DIN EN 1092-1, PN100/PN160
- Flanges ½"-2", acc. ANSI B 16.5, Class 300 & 600
- Female thread G ½"-2" (BSP) acc. DIN ISO 228-1
- Female thread ½"-2" NPT acc. ANSI B 1.20.1
- Butt weld DN 15-50 acc. DIN EN 12627 as ANSI B 16.25
- Socket weld DN 15-50 acc. DIN EN 12760 as ANSI B 16.11

Nominal pressure stage: PN 160
Volume: 4,9 l
Operation Limits P250GH:

Max. operating pressure (bar g)	160	148,5	133,3	110,4	95,2
Max. operating temperature (°C)	-10/20	100	200	300	400

Operation Limits 13CrMo4-5:

Max. operating pressure (bar g)	160	144	134	108	24
Max. operating temperature (°C)	up to 300	400	450	490	550

Operation Limits 10CrMo9-10:

Max. operating pressure (bar g)	160	148	140	125	34
Max. operating temperature (°C)	up to 300	400	450	470	550

Media: Steam, compressed air. Gas on request.

13CrMo4-5 and 10CrMo9-10 are not applicable for media of fluid group 1.

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

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

Installation:

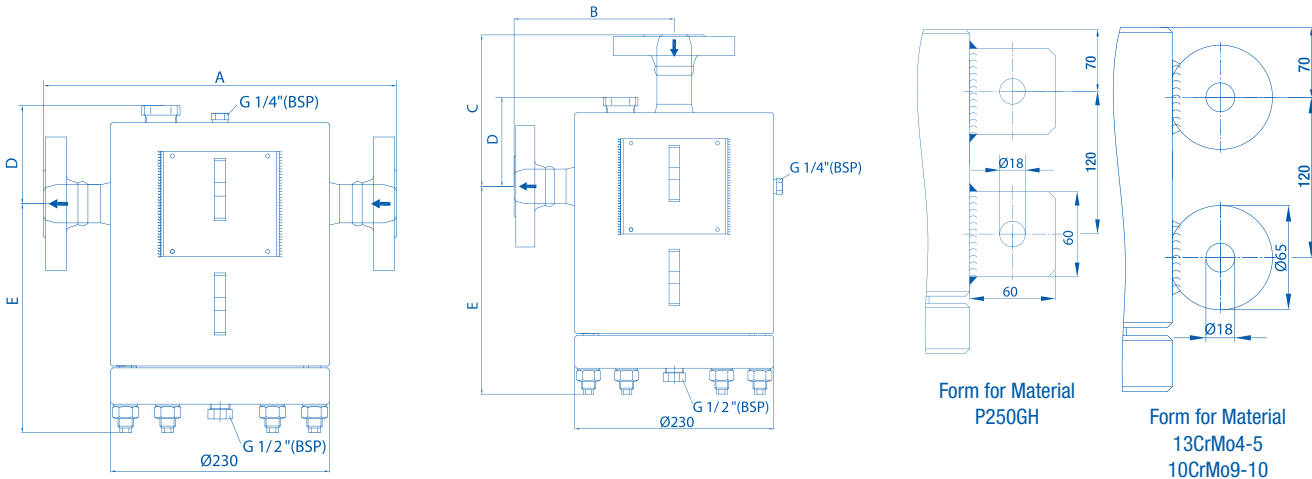
- WU = horizontal installation.
- EF = angular installation (inlet from top, outlet at side)

As option at additional charge:

- Additional flange connections
- Connections for limit switches
- Blow-off valve
- Housing screws made of 21 CrMoV5-7
- Fitting for compensation line
- Submerged gastight control unit
- Vent jet to interior

Function Limit:

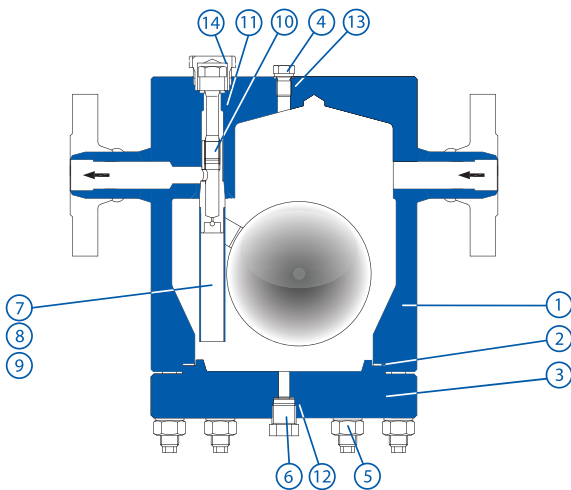
Cross Section	Max. Line Pressure (bar g)	
	Steam	Compressed air
Ia	85	160
Ib	80	160
Ic	65	160
III	40	70
IV	35	60



Dimensions (in mm), Weight (in kg)

DN	Flange					Butt weld / Socket weld and Female thread				
	15 (½")	- (¾")	25 (1")	40 (1½")	50 (2")	15 (½")	20 (¾")	25 (1")	40 (1½")	50 (2")
A	370	370	370	420	420	370 / 330	370 / 330	370 / 330	420	420
B	185	185	185	210	210	185 / 165	185 / 165	185 / 165	210	210
C	175	175	175	190	190	175	175	175	190	190
D	105	105	105	105	105	105	105	105	105	105
E	240	240	240	240	240	240	240	240	240	240
Weight	72	72,5	73	75	76	68	68,5	69	71	72

Spare Parts



Pos.	Part Name	Version P250GH	Version 13CrMo4-5	Version 10CrMo9-10
1	Upper housing	P250GH	13CrMo4-5	10CrMo9-10
2	Gasket for Housing	1.4571	1.4571	1.4571
3	Lower housing	P250GH	13CrMo4-5	10CrMo9-10
4	Control screw	1.4571	1.4571	1.4571
5	Housing tension bolt	21CrMoV5-7	21CrMoV5-7	21CrMoV5-7
6	Screw plug	1.4571	1.4571	1.4571
7	Float control assembly	1.4112/ 1.4057/ 1.4301 or complete 1.4571	1.4112/ 1.4057/ 1.4301 or complete 1.4571	1.4112/ 1.4057/ 1.4301 or complete 1.4571
8	Supporting body assembly	1.4112/ 1.4057/ 1.4301 or complete 1.4571	1.4112/ 1.4057/ 1.4301 or complete 1.4571	1.4112/ 1.4057/ 1.4301 or complete 1.4571
9	Float	1.4571	1.4571	1.4571
10	Supporting screw	1.4571	1.4571	1.4571
11	Gasket	1.4571	1.4571	1.4571
12	Gasket	Soft iron	1.4571	1.4571
13	Gasket	Soft iron	1.4571	1.4571
14	Protecting cap	1.4571	1.4571	1.4571

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

To ensure correct parts delivery, please specify part number, works standard sheet number 1550 / 1551, DN, and for spare parts of control components the cross-section.