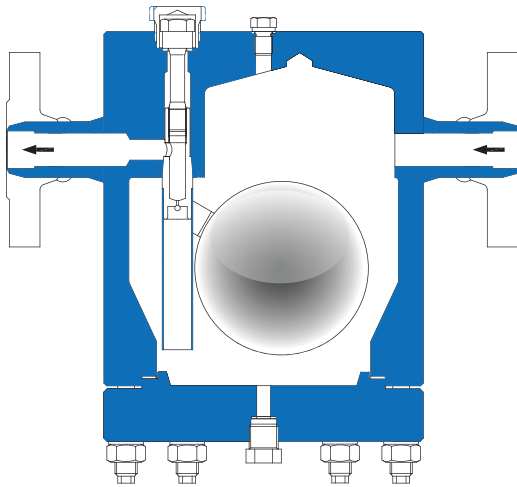




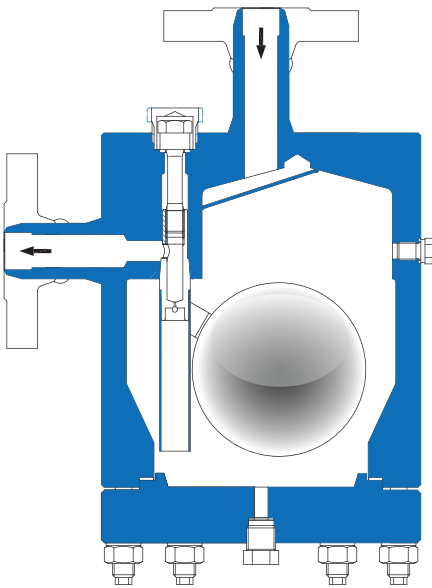
RIF0mat Float - Controlled Trap

1550 / 1551

PN 160



Model WU-1550



Model EF-1551

Housing-Materials:

- P250GH
- 13CrMo4-5
- 10CrMo9-10
- Other materials on request.

Nominal diameters: DN15, DN20, DN25, DN40, DN50

Connections:

- Flanges DN 15-50, acc. DIN EN 1092-1, PN100/PN160
- Flanges 1/2"-2", acc. ANSI B 16.5, Class 300 & 600
- 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 15-50 acc. DIN EN 12627 as ANSI B 16.25
- Socket weld DN 15-50 acc. DIN EN 12760 as ANSI B 16.11
- Other connections on request.

Nominal pressure stage: PN 160

Volume: 4,9 l

Operation-Limits: P250GH

Max. operating-pressure (bar g)	137	124	95	70
Max. operating-temperature (°C)	100	200	300	400

Operation-Limits: 13CrMo4-5

Max. operating-pressure (bar g)	160	155	135	115
Max. operating-temperature (°C)	100	200	300	400

Operation-Limits: 10CrMo9-10

Max. operating-pressure (bar g)	160	155	150	130
Max. operating-temperature (°C)	100	200	300	400

Media: Steam, compressed air. Gas 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 = horizontal installation.
- EF = angular installation (inlet from top, outlet at side)

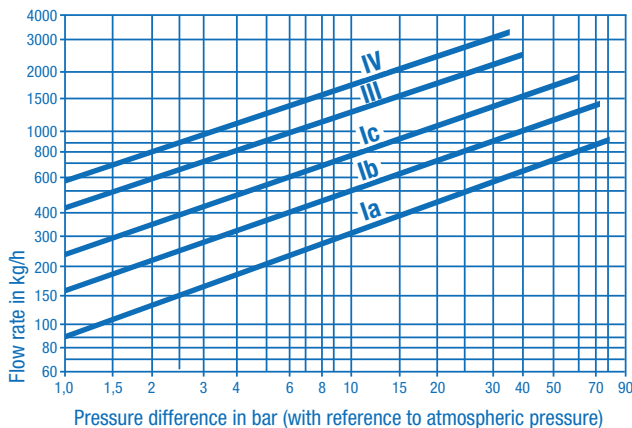
Additional Equipment:

- Add. brackets
- Connections for limit switches
- Blow-off valve
- Controlvalve instead of control screw
- Housing screws made of A4-70
- Housing screws made of ASTM A 193
- Housing screws made of X 22 CrMoV121
- Fitting for compensation line
- Add. flange connections
- Submerged gastight control unit
- Vent jet to interior

Function Limit:

Cross-section	max. line pressure in bar g
Ia	80
Ib	75
Ic	60
III	40
IV	35

Performance:



For cold condensate the flow rate is higher 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 verified through the identifying mark: CE 0525.

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

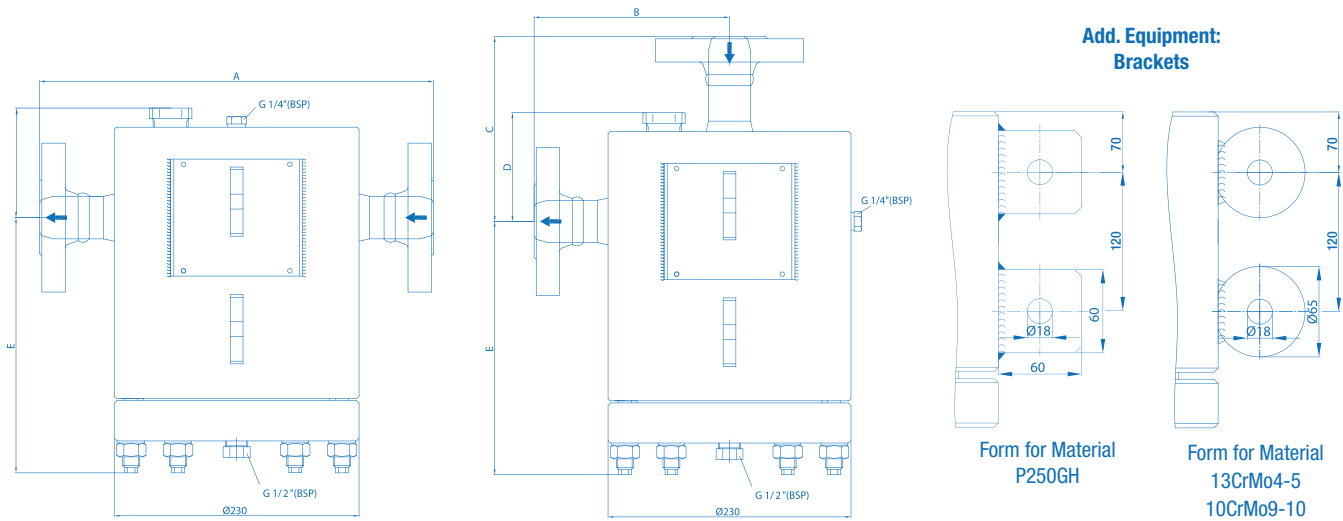
Medium, density, initial pressure, counter-pressure, temperature, quantity of condensation (kg/h).



Installation Dimensions

1550 / 1551

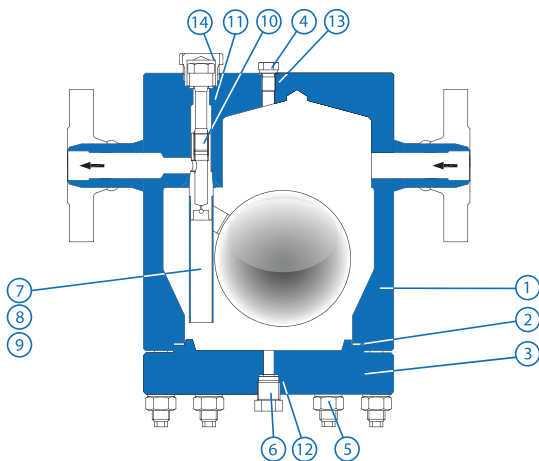
PN 160



Dimensions (in mm), Weight (in kg)

DN	Flanges					Butt weld / Socket weld				
	15 (1/2")	20 (3/4")	25 (1")	40 (1 1/2")	50 (2")	15 (1/2")	20 (3/4")	25 (1")	40 (1 1/2")	50 (2")
A	370	370	370	420	420	370	370	370	420	420
B	185	185	185	210	210	185	185	185	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	40	42	44	48	50	38	38,5	39	40	41

Spare Parts



* 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.

Pos.	Designation	Version P250GH	Version 13CrMo4-5	Version 10CrMo9-10
1	Upper housing	P250GH	13CrMo4-5	10CrMo9-10
2	Housing gasket	1.4571	1.4571	1.4571
3	Lower housing	P250GH	13CrMo4-5	10CrMo9-10
4	Control screw	1.4571	1.4571	1.4571
5	Set of stud bolts and nuts	21CrMoV5-7 / 24CrMo5	21CrMoV5-7 / 24CrMo5	21CrMoV5-7 / 24CrMo5
6	Drain plug	1.4571	1.4571	1.4571
7	Float control assembly complete**	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	Complete supporting body**	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	Support bolt	1.4571	1.4571	1.4571
11	Support screw gasket	1.4571	1.4571	1.4571
12	Drain plug gasket	Soft iron	1.4571	1.4571
13	Control screw gasket	Soft iron	1.4571	1.4571
14	Protecting cap	1.4571	1.4571	1.4571