FEATURES

Housing-Material: GP240GH
Connections/Dimensions: Flange DN 15-50, PN 16-40, connecting dimensions according to EN 1092-2. End to end dimensions acc. to DIN 3548, LK. dimensions acc. to ANSI B16.5

Media: Steam, air, gases on request
Function: Increasing level opens and decreasing closes the outlet without delay, independent of pressure and temperature fluctuations. The rotary slide valve is both swivel joint and shut-off device.

Installation: Vertical or horizontal direction of flow (type WR, WI, SO, SU)

Additional equipments:
- Start-up and permanent venting to interior, pressure diff. max. 32bar
- Gastight under-level float control
- Vent jet (interior)
- Reflective water level sight glass (RWG) up to 243 °C
- Drain plug
- Blow off valve for contaminants instead drain plug
- Check valve in outlet flange
- Bottom control valve to check min. condensate level
- Top control valve onstead control screw
- Float control assembly for special applications (gases)

Automatic venting during start-up phase followed by continuous venting. Rising temperature closes while decreasing tempt. opens the passage.
Float-controlled Steam Traps
SERIE 20

OPERATION LIMITS:

<table>
<thead>
<tr>
<th></th>
<th>40</th>
<th>37</th>
<th>35</th>
<th>32</th>
<th>28</th>
<th>24</th>
<th>21</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. working pressure bar g</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Max. working temperature ºC</td>
<td>120</td>
<td>150</td>
<td>200</td>
<td>250</td>
<td>300</td>
<td>350</td>
<td>400</td>
</tr>
</tbody>
</table>

PERFORMANCE:

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

FUNCTION LIMIT:

<table>
<thead>
<tr>
<th>Cross section</th>
<th>Steam</th>
<th>Compressed air</th>
</tr>
</thead>
<tbody>
<tr>
<td>II a</td>
<td>32</td>
<td>40</td>
</tr>
<tr>
<td>III</td>
<td>12</td>
<td>16</td>
</tr>
<tr>
<td>IV</td>
<td>10</td>
<td>14</td>
</tr>
<tr>
<td>V</td>
<td>2,6</td>
<td>3</td>
</tr>
<tr>
<td>VI</td>
<td>21</td>
<td>32</td>
</tr>
<tr>
<td>VI a</td>
<td>32</td>
<td>32</td>
</tr>
<tr>
<td>VII</td>
<td>18</td>
<td>26</td>
</tr>
<tr>
<td>VIII a</td>
<td>4,9</td>
<td>6</td>
</tr>
</tbody>
</table>

CE-MARK:
The pressure equipment described is a pressure-keeping component in accordance with the Pressure Vessel Directive 2014/68/EU of
DN15-25: acc. art4, sub3, no CE-mark
DN40-50: Conformity through the indet. mark CE0525.
Float-Controlled Steam Traps
SERIE 20

DIMENSIONS (dimensions in mm, weight in kg)

<table>
<thead>
<tr>
<th>DN</th>
<th>15</th>
<th>20</th>
<th>25</th>
<th>40</th>
<th>50</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>150</td>
<td>150</td>
<td>160</td>
<td>230</td>
<td>230</td>
</tr>
<tr>
<td>B</td>
<td>240</td>
<td>240</td>
<td>240</td>
<td>310</td>
<td>310</td>
</tr>
<tr>
<td>C</td>
<td>115</td>
<td>115</td>
<td>115</td>
<td>150</td>
<td>150</td>
</tr>
<tr>
<td>D</td>
<td>95</td>
<td>95</td>
<td>95</td>
<td>142</td>
<td>142</td>
</tr>
<tr>
<td>E</td>
<td>105</td>
<td>105</td>
<td>105</td>
<td>152</td>
<td>152</td>
</tr>
<tr>
<td>weight</td>
<td>13</td>
<td>13,5</td>
<td>14</td>
<td>34,5</td>
<td>35</td>
</tr>
<tr>
<td>weight with RWG</td>
<td>14</td>
<td>14,5</td>
<td>15</td>
<td>36,5</td>
<td>37</td>
</tr>
</tbody>
</table>

SPARE PARTS

1. Housing flange: GP240GH
2. Seal: Soft iron
3. Main housing: GP240GH
4. Control screw: SS 1.4104
5. Set of stud bolts and nuts: A4-70, DIN 939/934
6. Drain plug: G 1/2", 5.8, DIN910
7. Protective sleeve: SS 1.4057
8. Support bolt: SS 1.4104
9. Float control assembly: SS 1.4057/1.4112/
1.4301/1.4104 (1.4571)*
9.2 Complete Float Control with built-on bi-metallic capsule venting device: SS 1.4057/1.4112/1.4301/
1.4104/SS-Hastelloy
10. Support assembly with rotary valve and cotter bin: SS 1.4057/1.4112/1.4301/
1.4104 (1.4571)*
10.2 Complete supporting structure incl. rotary slide valve, cotter pin and built-on metallic capsule venting device**: SS1.4057/1.4112/1.4301.14104
11. Float with lever: SS 1.4301 (1.4571)*
12. Maxosglas: as per DIN 7081
13. RWG frame: P265GH
14. 2 gaskets for RWG: poor graphite with SS
15. Set of stud bolts and nuts: A4-70, DIN 938/934
25. Seal: Soft iron
26. Seal: Soft iron
27. Seal: Soft iron

* Depending on working conditions
** Due to sealing requirements marked items cannot be supplied as individual parts.