FEATURES

Housing-Material: ASTM A105
Connections/Dimensions: Flanges 1/2”-1”, acc. ANSI B 16.5, Class 150, 300 & 600
Flanges DN 15-25, acc. DIN EN 1092-1, PN40
Female thread G 1/2”-1” (BSP) acc. DIN ISO 228-1
Female thread Rp 1/2”-1” (BSPT) acc. DIN 2999
Female thread 1/2”-1” NOPT acc. ANSI B 1.20.1
Socket weld DN15-25 acc. DIN EN 12760 as ANSI B 16.11
Other connections on request

Media: Steam/- condensate
Function: Periodic removal of condensate and ventilation of steam systems by using the thermodynamic effect.

Installation: Preferably horizontal, vertical possible also

Additional equipments:
- Blow-down valve

Characteristics:
- Compact design
- Adapts automatically to the operating conditions
- Drains the condensate with very low heat loss
- Tough valve design
- Resistant against water shocks

CE-Mark: The pressure equipment is in accordance with the Pressure Vessel Directive 97/23/EC, Art. 3, subsection 3 and bears no CE mark.
Thermodynamic Steam Traps
SERIE 20

OPERATION LIMITS:

<table>
<thead>
<tr>
<th></th>
<th>Thread</th>
<th>Socket weld</th>
<th>Cl. 150</th>
<th>Cl. 300</th>
<th>Cl. 600</th>
</tr>
</thead>
<tbody>
<tr>
<td>Max. working pressure</td>
<td>31,6</td>
<td>55</td>
<td>20</td>
<td>52</td>
<td>55</td>
</tr>
<tr>
<td>bar g</td>
<td></td>
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<tr>
<td>Max. working temperature ºC</td>
<td>427</td>
<td>450</td>
<td>425</td>
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</tbody>
</table>

DIMENSIONS  (dimensions in mm, weight in kg)

<table>
<thead>
<tr>
<th>Connections</th>
<th>Thread</th>
<th>Flange</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1/2”</td>
<td>3/4”</td>
</tr>
<tr>
<td>A</td>
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<tr>
<td>B</td>
<td>70</td>
<td>70</td>
</tr>
<tr>
<td>C</td>
<td>-</td>
<td>-</td>
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<tr>
<td>D</td>
<td>95</td>
<td>95</td>
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<tr>
<td>E</td>
<td>58</td>
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<tr>
<td>Weight</td>
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<td>1,5</td>
</tr>
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</table>

SPARE PARTS

1. Housing: ASTM A105
2. Disc*: ASTM A276 Type 420
3. Valve seat*: ASTM A681 Gr.D2
4. Strainer: ASTM A240 Type 304
5. Screw plug for strainer: ASTM A105
6. Cover: ASTM A582 Type 416
7. Cover gasket: ASTM A276 Type 304+graphite
8. Gasket for valve seat exterior: ASTM A276 Type 304+graphite
9. Gasket for valve seat interior: ASTM A276 Type 304+graphite
10. Gasket for screw plug: ASTM A276 Type 304+graphite

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