Fast, Hygienic Cleaning

Alfa Laval TJ SaniMega Rotary Spray Head

Application
The Toftejorg SaniMega rotary spray head provides a controlled rotating fan impact cleaning action. It is an automatic device with an optimised design for effective distribution of cleaning media. The Toftejorg SaniMega is suitable in processing and storage tanks ranging from 50 to 350 m³. It is particularly suited to vertical storage tanks in the food, brewing and other beverage industries where a scrubbing effect is needed to clean at the fill level.

Working principle
The flow of the cleaning media causes the gear unit to rotate the body of the cleaning head. The resulting fan impact jet provides a swirling action down the tank wall.

TECHNICAL DATA
- Lubricant: Self-lubricating with the cleaning fluid
- Effective cleaning radius: 3 m

Pressure
- Working pressure: 2-4 bar
- Recommended pressure: 3 bar

Spray Pattern
- 270° arc

Standard Design
- Downpipe length: 1,200 mm
- CIP inlet connection: 2” clamp
- Tank connection: 3” clamp
- As standard documentation, the Toftejorg SaniMega can be supplied with a “Declaration of Conformity” for material specifications.

Certificates
- 2.1 material certificate

PHYSICAL DATA
- Materials: 316L (UNS S31603), PEEK, EPDM
- Standard connection: Inlet: 2” ISO clamp
- Standard downpipe length: 1,200 mm
- Min. tank opening: ø72.5 mm
- Standard Surface finish:
  - Product contact parts: Ra 0.8µ
  - Non product contact parts: Ra 1.6µ
- Temperature
  - Max. working temperature: 95°C
  - Max. sterilisation temperature: 140°C
  - Max. ambient temperature: 140°C
- Weight: 6 kg

Options
- A. Rotation sensor
- B. Counter parts to the standard clamp connections, including gaskets and clamp rings
### Dimensions (mm)

#### Flow Rate

<table>
<thead>
<tr>
<th>Flow rate</th>
<th>l/min</th>
<th>m³/h</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>20</td>
<td>432</td>
</tr>
<tr>
<td>30</td>
<td>25</td>
<td>400</td>
</tr>
<tr>
<td>40</td>
<td>30</td>
<td>350</td>
</tr>
<tr>
<td>50</td>
<td>35</td>
<td>300</td>
</tr>
<tr>
<td>65</td>
<td>40</td>
<td>270</td>
</tr>
<tr>
<td>80</td>
<td>45</td>
<td>270</td>
</tr>
</tbody>
</table>

#### Rotating Speed

<table>
<thead>
<tr>
<th>RPM</th>
<th>Inlet pressure</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>3</td>
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<tr>
<td>6</td>
<td>4</td>
</tr>
<tr>
<td>7</td>
<td>5</td>
</tr>
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</table>

### Table

<table>
<thead>
<tr>
<th>A</th>
<th>B</th>
<th>C</th>
<th>D</th>
<th>E</th>
<th>F</th>
<th>G</th>
<th>H</th>
<th>J</th>
<th>K</th>
</tr>
</thead>
<tbody>
<tr>
<td>116</td>
<td>144</td>
<td>1655</td>
<td>1200</td>
<td>86.5°</td>
<td>120.5°</td>
<td>ø65</td>
<td>ø72</td>
<td>53</td>
<td>76.2</td>
</tr>
</tbody>
</table>

* For welding end: 65/99 mm
** For DIN DN100: 234 mm