Series 569

Popular and proven: the design of the Whirly. It generates effective flat jets, offers various connection options and is available in a very wide range of flow rates. It is also available in an ATEX-approved version and in a range of versions with different spray angles.

Materials
Stainless steel 316L SS, PEEK, Rulon 641

Max. temperature
140 °C
90 °C ATEX version

Recommended operating pressure
2 bar

Installation
Operation in every direction is possible; in horizontal installation position no rotating until 2 bar, ATEX version only vertical use

Filtration
Line strainer with a mesh size of 0.1 mm / 170 Mesh

Bearing
Double ball bearing made of stainless steel

Overview of the tank diameter, depending upon the pressure of series 569
## Cleaning efficiency class

### Spray angle

<table>
<thead>
<tr>
<th>Spray angle</th>
<th>Ordering no.</th>
<th>Type</th>
<th>Connection</th>
<th>Ø [mm]</th>
<th>V [l/min]</th>
<th>Max. tank diameter [m]</th>
</tr>
</thead>
<tbody>
<tr>
<td>270°</td>
<td>569.055.1Y</td>
<td>AL</td>
<td>TF07</td>
<td>3.6</td>
<td>36</td>
<td>15</td>
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<tr>
<td></td>
<td>569.135.1Y</td>
<td>AL</td>
<td>TF07</td>
<td>4.8</td>
<td>52</td>
<td>22</td>
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<tr>
<td></td>
<td>569.195.1Y</td>
<td>AL</td>
<td>TF07</td>
<td>5.6</td>
<td>69</td>
<td>30</td>
</tr>
</tbody>
</table>

### Slip-on information

- R-clip made of stainless steel 316L SS is included (Ordering no.: 095.022.1Y.50.60.E).
- Depending on diameter of the adapter the flow rate can increase due to leakage between connecting pipe and rotating cleaning nozzle.

### Example of ordering with ATEX-approval.

**FDA and (EC) 1935/2004 conform.**

Only 3/4 thread connection and 3/4" Slip-on connection available with ATEX-approval.

**Unit group / category / zones:**

- II 1 GD c II B T4 T 120 °C +5 °C ≤ Ta ≤ +90 °C (gas atmosphere)
- for zone 0, 21, 22

Example of ordering:

- 569.055.1Y.XX,EX + AL = 569.055.1Y.AEX

### Example of ordering with FDA and (EC) 1935/2004 conformity.

All Materials are suitable for contact with food.

### Information on operation

- Operation with compressed air only for short-term usage. Operation above the recommended operating pressure means higher wear and smaller droplets. This might have adverse effects on the cleaning result.

### Example of ordering with ATEX-approval.

**Example of ordering slip-on connection: 569.055.1Y.TF.EX**