Rotating cleaning nozzle “MicroSpinner”
Series 5MC

The innovative slot design gives the MicroSpinner its high degree of effectiveness. Due to the modern bearing construction, it is particularly reliable and durable. The MicroSpinner is made entirely from stainless steel and designed for use also at high temperatures. Apart from stainless steel, it is also available in Hastelloy® and in many flow rates.

Materials
- AISI 316L SS, AISI 440C SS
- Hastelloy® C22, Hastelloy® C276

Max. temperature
284°F/ 140°C

Recommended operating pressure
30 psi

Installation
Operates in every direction

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

Bearing
Double ball bearing made of AISI 440C
Double ball bearing made of C276

Overview of the tank diameter, depending upon the pressure of series 5MC

To see video
Scan the QR-code or go to: www.lechlerusa.com
### Spray Angle

<table>
<thead>
<tr>
<th>Type</th>
<th>Material no.</th>
<th>Connection</th>
<th>Free Passage (in.)</th>
<th>Flow Rate (Gallons Per Minute)</th>
<th>Max. tank diameter (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>20 psi</td>
<td>30 psi</td>
</tr>
<tr>
<td>60°</td>
<td>5MC.022</td>
<td>BF</td>
<td>TF05</td>
<td>.04</td>
<td>5</td>
</tr>
<tr>
<td></td>
<td>5MC.042</td>
<td>BF</td>
<td>TF05</td>
<td>.118</td>
<td>8.8</td>
</tr>
<tr>
<td>180°</td>
<td>5MC.004</td>
<td>BF</td>
<td>TF05</td>
<td>.031</td>
<td>7.0</td>
</tr>
<tr>
<td>360°</td>
<td>5MC.069</td>
<td>BF</td>
<td>TF05</td>
<td>.035</td>
<td>5.5</td>
</tr>
<tr>
<td></td>
<td>5MC.049</td>
<td>BF</td>
<td>TF05</td>
<td>.035</td>
<td>8.6</td>
</tr>
</tbody>
</table>

* Material no. 21 (Hastelloy C22) not FDA and (EG) 1935/2004 conform

### Information on operation

- Operation with compressed air purge 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.

- R-clip made of stainless steel AISI 316L is included (Ordering no.: 095.013.1E.05.59), Hastelloy® C22 (Ordering no.: 095.013.21.50.60).

- Depending on diameter of the adapter the flow rate can increase due to leakage between the connection and rotating cleaning nozzle.

- The maximum tank diameter shown above applies for the recommended operating pressure and is indicative only. The cleaning result is also affected by the type of soiling.

### Example of ordering with ATEX approval. FDA and (EG) 1935/2004 conform.

**Unit group / category / zones:**
- II 1G Ex h LLB T6... T3 Ga
- II 1D Ex h IIIC T85 °C...T150 °C Da

### Example of ordering with FDA and (EG) 1935/2004 conform.

All Materials are suitable for contact with food.

### Example of ordering with FDA and (EG) 1935/2004 conform.

All Materials are suitable for contact with food.