Rotating cleaning nozzle “PTFE Hi Temp Whirly”
Series 599

Series 599
While PTFE can withstand high temperatures, its dimensional stability limits its range as a tank cleaning device. Lechler’s design incorporates Hastelloy rings to control the expansion of the material so it can continue to operate reliably in hotter environments than normally possible. The nozzle’s temperature range is actually extended, since it can perform equally well under normal conditions.

Material
PTFE
Rings: Alloy C-276

Max. temperature
274°F/ 134°C

Recommended operating pressure
30 psi

Installation
Operates in every direction

Filtration
Line strainer with a mesh size of 50 Mesh

Bearing
Slide bearing

Overview of the tank diameter, depending upon the pressure of series 599

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

#### Ordering no.

<table>
<thead>
<tr>
<th>Spray angle</th>
<th>Connection</th>
<th>Flow Rate (Gallons Per Minute)</th>
<th>Max. tank diameter (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>360°</td>
<td>599. 133. 55 BK</td>
<td>20 psi: 22, 30 psi: 27</td>
<td>8.2</td>
</tr>
<tr>
<td></td>
<td>599. 170. 55 BK</td>
<td>20 psi: 19, 30 psi: 23</td>
<td>8.0</td>
</tr>
<tr>
<td></td>
<td>599. 174. J7 TF07</td>
<td>20 psi: 19, 30 psi: 23</td>
<td>8.0</td>
</tr>
</tbody>
</table>

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.

### Information on operation

- We do not recommend operation of these products with compressed air or gases. However, these products have been shown to be suitable for spraying on low pressure steam (refer to Applications above). To protect the products’ inner workings when spraying liquid, we suggest use of a line strainer with a 50 mesh size. For further information, please contact Lechler.

### Slip-on information

- R-clip made of Alloy C-276 is included (Ordering no.: R-clip 1: 095.022.1Y.50.60.E).
- The nozzles with a slip-on connection type fitting may have a higher flow rate than listed due to the self-flushing design around the customer’s tube which is inserted into the nozzle socket.