Series 5TA

The IntenseClean Hygienic 5TA is a permanent feature, especially in the pharmaceutical, food and beverage industries. It is extremely effective thanks to the particularly powerful solid jet nozzles and is also suitable for small tanks with persistent soiling. The series can resist pressures of up to 15 bar and high temperatures without any problem. All parts used exhibit a particularly high surface quality.

Materials
Stainless steel 316L SS, Stainless steel 632 SS, PEEK, PTFE, Zirconium oxide, EPDM

Max. temperature
95 °C

Recommended operating pressure
5 bar

Installation
Operation in every direction is possible

Filtration
Line strainer with a mesh size of 0.2 mm/80 Mesh

Bearing
Ball bearing

Weight
0.9 kg

Rotation monitoring sensor
Sensor compatible, Info: see page 68

Function video
Scan the QR-code or go to: www.lechler.de/IntenseCleanHygienic5TAGB

Overview of the tank diameter, depending upon the pressure of series 5TA
### Cleaning efficiency class

5

### Spray angle

360°

### Order no.

**STA.403.1Y.AL**

<table>
<thead>
<tr>
<th>Type</th>
<th>E [mm]</th>
<th>Number. Ø Nozzles 3/4 BSPP [mm]</th>
<th>V˙ [l/min] at 40 psi [US gal/min]</th>
<th>Max. tank diameter [m]</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STA.403.1Y.AL</strong></td>
<td>1.5</td>
<td>4 x 3.0</td>
<td>25 40 56</td>
<td>7.8 12.0</td>
</tr>
<tr>
<td><strong>STA.404.1Y.AL</strong></td>
<td>1.5</td>
<td>4 x 4.0</td>
<td>35 55 78</td>
<td>10.9 13.0</td>
</tr>
<tr>
<td><strong>STA.405.1Y.AL</strong></td>
<td>1.5</td>
<td>4 x 5.0</td>
<td>50 79 112</td>
<td>15.5 16.0</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.

### Female thread

STA.403.1Y.AL and STA.404.1Y.AL

### Slip-on connection on request

### Example of ordering with ATEX-approval.

FDA and (EC) 1935/2004 conform.

Unit group / category / zones:

II 1 GD c IIB TX Ta 4 °C to 120 °C for zone 0, 1, 2 (gas atmosphere)

for zone 20, 21, 22 (dust atmosphere)

Example Type/Ordering no.

<table>
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<th>of Ordering:</th>
<th>Type/Ordering no.</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>STA.403.1Y.AL</strong></td>
<td>5TA.403.1Y.AL.EX</td>
</tr>
</tbody>
</table>

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

All Materials are suitable for contact with food.

Example of Ordering: Type/Ordering no.

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### Cycle time depending on pressure of series STA

![Cycle time graph](image)