Series 566

The MicroWhirly, with effective flat fan nozzles, is licensed for contact with food. Thanks to the robust slide bearing made from PEEK, the MicroWhirly has a particularly long service life. The MicroWhirly is alternatively available with an internal or external thread and in an ATEX version, which allows it to be adapted to a wide range of uses.

### Materials
- 316L SS, PEEK, PEEK ESD (ATEX version only)

### Max. temperature
- 130 °C
- 90 °C ATEX Version

### Recommended operating pressure
- 2 bar

### Installation
- Operation in every direction is possible

### Filtration
- Line strainer with a mesh size of 0.3 mm/50 mesh 0.2 mm/80 mesh ATEX Version

### Bearing
- Slide bearing made of PEEK

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**Overview of the tank diameter, depending upon the pressure of series 566**

**Function video**
Scan the QR-code or go to: www.lechler.com/microwhirly
Spray angle | Ordering number | Connection | E [mm] | V [l/min] | Max. tank diameter [m]
---|---|---|---|---|---
180° | 566.873.1Y AE AF TF | 1 12 15 18 5 1.6
180° | 566.933.1Y AE AF TF | 2.4 15 21 26 7 1.7
180° | 566.874.1Y AE AF TF | 1 12 15 18 5 1.6
180° | 566.934.1Y AE AF TF | 2.4 15 21 26 7 1.7
360° | 566.879.1Y AE AF TF | 1 12 15 18 5 1.6
360° | 566.939.1Y AE AF TF | 2.4 15 21 26 7 1.7

E = narrowest free cross-section

Operation with compressed air only for short-term usage. Operation above the recommended operating pressure has negative effects on the cleaning result and wear.

Information on operation

Slip-on information

- R-clip made of 316L SS is included
- 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.
No FDA and (EC) 1935/2004 conformity.

Unit group/category/zones: II 1 GD c II B T4 T 120 °C +5 °C ≤ Ta ≤ +90 °C
- for zone 0, 1, 2 (gas atmosphere)
- for zone 20, 21, 22 (dust atmosphere)

Example Type + Connection = Ordering no.
of ordering: 566.873.1Y.XX.EX + AE = 566.873.1Y.AE.EX

Example of ordering with FDA and (EC) 1935/2004 conformity.
All Materials are suitable for contact with food.

Example Type + Connection = Ordering no.
of ordering: 566.873.1Y.XX + AE = 566.873.1Y.AE

Attention: for the ATEX version of the slip-on connection the code for the connection changes. Example of ordering slip-on connection: 566.873.1Y.TF.EX