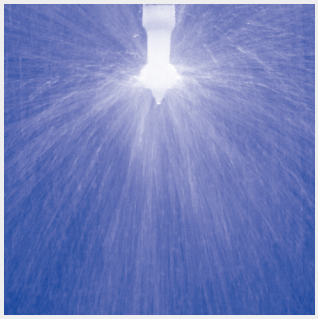
# Rotating cleaning nozzle »PVDF MicroWhirly«
# Series 500.191

### Series 500.191

The PVDF MicroWhirly is made entirely from PVDF and designed to work in a corrosive environment. It is also suitable for contact with food and the application of foam, and can be used for cleaning equipment - all for a very good price-performance ratio.

FDA



**Function video**
Scan the QR-code or go to:
**www.lechler.com/pvdfmicrowhirly**

**Max. tank diameter[m]**

0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9

**Material**
PVDF

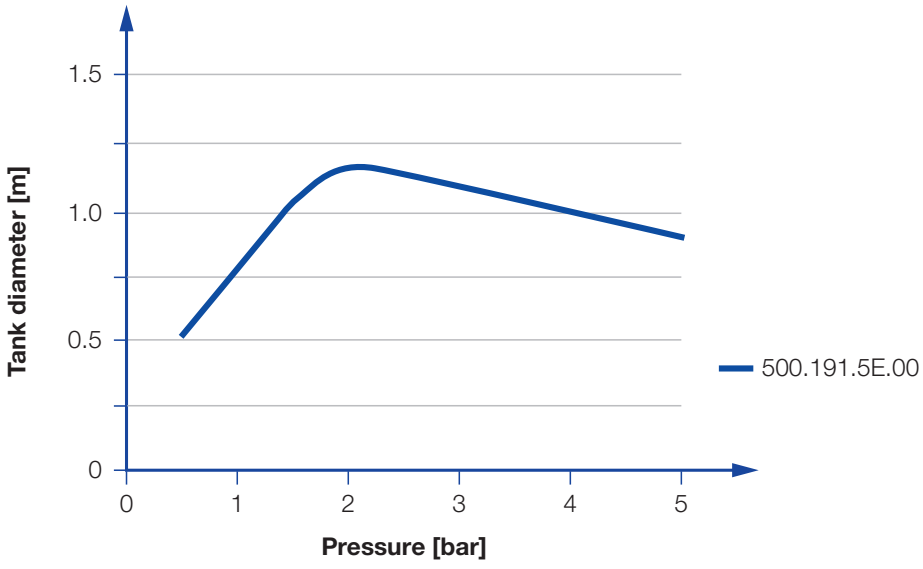
**Max. temperature**
90 °C

**Recommended operating pressure**
2 bar

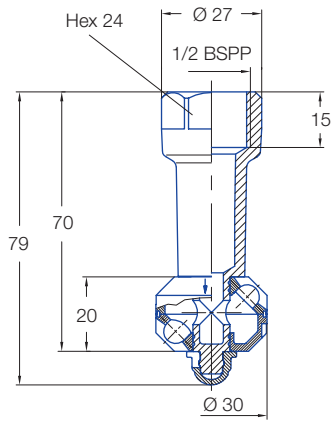
**Installation**
Operation in every direction is possible

**Filtration**
Line strainer with a mesh size of 0.3 mm/50 mesh

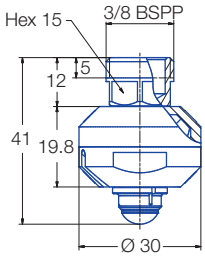
**Bearing**
Slide bearing made of PVDF




Overview of the tank diameter, depending upon the pressure of series 500.191




**Standard version**
**Female thread**




**Compact version**
**Male thread**

## Standard version

| Spray angle | Ordering number Type | E Ø [mm] | Connection BSPP female | V̇ [l/min] p [bar] ($p_{max}$ = 5 bar) 1 | 2 | 3 | at 40 psi [US gal./ min] | Max. tank diameter [m] |
|---|---|---|---|---|---|---|---|---|
| 180° | **500.191.5E.02** | 2.2 | 1/2" | 9 | 13 | 16 | 4 | 0.8 |
| 180° | **500.191.5E.01** | 2.2 | 1/2" | 9 | 13 | 16 | 4 | 0.8 |
| 270° | **500.191.5E.31** | 2.2 | 1/2" | 14 | 20 | 25 | 6 | 1.1 |
| 360° | **500.191.5E.00** | 2.2 | 1/2" | 14 | 20 | 25 | 6 | 1.1 |

E = narrowest free cross-section

**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.**

## Compact version

| Spray angle | Ordering number Type | E Ø [mm] | Connection BSPP male | V̇ [l/min] p [bar] ($p_{max}$ = 5 bar) 1 | 2 | 3 | at 40 psi [US gal./ min] | Max. tank diameter [m] |
|---|---|---|---|---|---|---|---|---|
| 180° | **500.191.5E.21** | 2.2 | 3/8" | 9 | 13 | 16 | 4 | 0.8 |
| 360° | **500.191.5E.22** | 2.2 | 3/8" | 14 | 20 | 25 | 6 | 1.1 |

E = narrowest free cross-section

**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

- The PVDF MicroWhirly is not suitable for operation with compressed air or any other gas.
  Operation above the recommended operating pressure has negative effects on the cleaning result and wear.