

Rotating cleaning nozzle PVDF MicroWhirly Series 500.191



Features:

- Developed for work in corrosive environments
- Good suitability for food contact and foam delivery
- Made completely of PVDF



Function video
www.lechler.com/de-en/medialibrary/videos-general-industry
 Or scan the QR code.

Series 500.191

Technical data:



Maximum operating temperature
95 °C



Maximum ambient temperature
150 °C



Installation
Operation in every installation position



Bearing
Slide bearing made of PVDF



Material
PVDF



Weight
12–30 g



Surface quality
Ra ≤ 1.6 µm
OUTSIDE



Surface quality
Ra ≤ 1.6 µm
INSIDE



Steam suitability
Not suitable



Insertion diameter
30 mm



Recommended filter
Line strainer with a mesh size of 0.3 mm/50 mesh

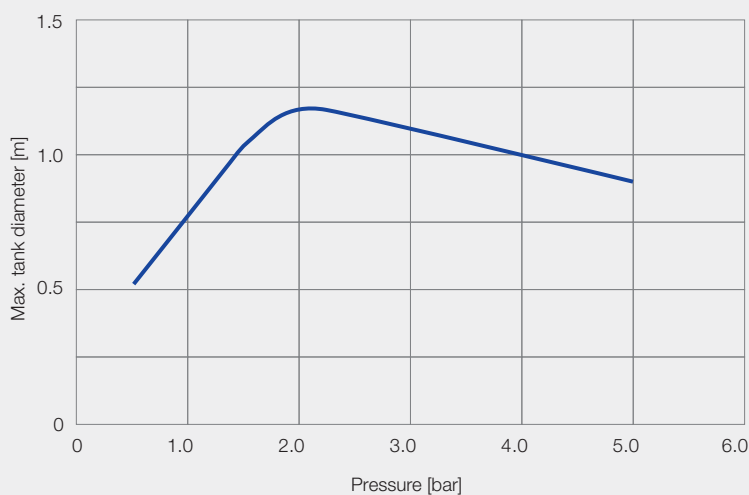


Recommended operating pressure
2 bar



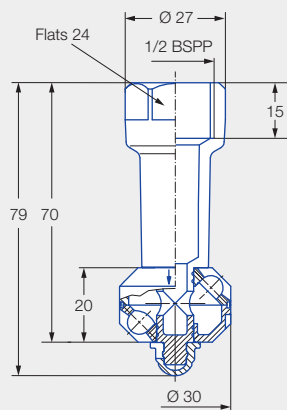
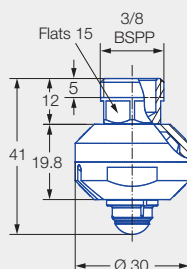
Max. tank diameter

The specified maximum tank diameter applies to the recommended operating pressure and is indicative only. The type of soiling is also decisive for the cleaning result.



Overview of maximum tank diameter depending on pressure

Dimensions in mm.


 Standard version
Female thread

 Compact version
Male thread

Standard version with female thread

Spray angle	Ordering no.	Narrowest cross-section Ø [mm]	V̇ water [l/min]			V̇ water	Max. tank diameter [m]
	Type		p [bar] (p _{max} = 5 bar)				
				1.0	2.0	3.0	
180° 	500.191.5E.02	2.2	9	13	16	0.8	0.8
180° 	500.191.5E.01	2.2	9	13	16	0.8	0.8
270° 	500.191.5E.31	2.2	14	20	25	1.2	1.1
360° 	500.191.5E.00	2.2	14	20	25	1.2	1.1

Compact version with male thread

Spray angle	Ordering no.	Narrowest cross-section Ø [mm]	V̇ water [l/min]			V̇ water	Max. tank diameter [m]
	Type		p [bar] (p _{max} = 5 bar)				
			1.0	2.0	3.0	at 2 bar [m³/h]	
180° 	500.191.5E.21	2.2	9	13	16	0.8	0.8
360° 	500.191.5E.22	2.2	14	20	25	1.2	1.1

Information on operation

The PVDF MicroWhirly is not suitable for operation with compressed air or another gas. Use above the recommended pressure will have a negative effect on the cleaning result and wear.