

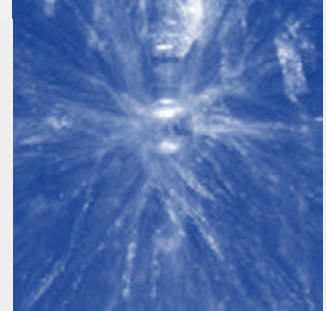


Rotating cleaning nozzle »NanoSpinner 2« Series 5M1

NEW

Series 5M1

The NanoSpinner 2 convinces by its compact design which allows cleaning in confined spaces. In addition, the rotating cleaning nozzle is characterized by its popular design and a double ball bearing. It is made entirely of stainless steel and is thus also suitable for high ambient temperatures.



Function video

Scan the QR-Code or go to:

www.lechler.com/de-en/medialibrary



Max. tank diameter [m]

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



Materials
Stainless steel 316L



Max. temperature
250 °C



Recommended operating pressure
2 bar



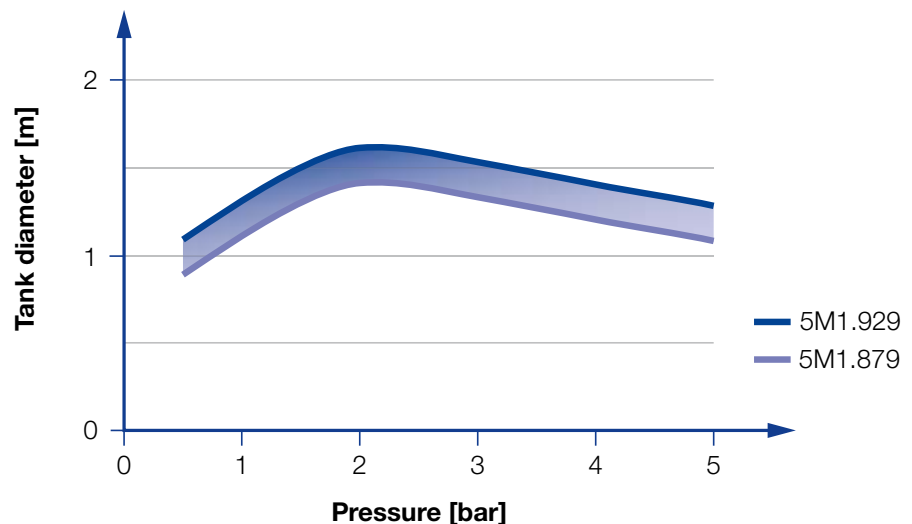
Installation
Operation in every direction is possible



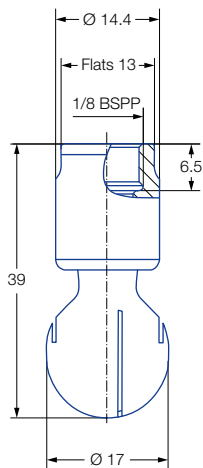
Filtration
Line strainer with a mesh size of 0.1 mm/170 Mesh





Bearing
Double ball bearing made of stainless steel 316L



Overview of the tank diameter, depending upon the pressure of series 5M1



Female thread

Spray angle 	Ordering number Type	E Ø [mm]	V [l/min]				Max. tank diameter [m]
			p [bar] (p _{max} = 7 bar)				
			1	2	3	at 40 psi [US gal./ min]	
360° 	5M1.879.1Y.AB	0,4	11	15	18	5	1,4
	5M1.929.1Y.AB	0,5	14	20	25	6	1,6

E = narrowest free cross-section
NPT, slip-on connection and weld-on versions on request




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

- Operation with compressed air only for short-term usage. Operation above the recommended operating pressure means higher wear and smaller droplets. This might have adverse effects on the cleaning result.

Example of ordering with ATEX approval. FDA and (EG) 1935/2004 conform.



Unit group / category / zones:
 Ⓜ II 1G Ex h IIB T6...T2 Ga
 Ⓜ II 1D Ex h IIIC T85 °C...T250 °C Da

Example of ordering: Type/Ordering no. 5M1.879.1Y.AB.EX

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

All Materials are suitable for contact with food.

Example of ordering: Type + Connection = Ordering no.
 5M1.879.1Y + AB = 5M1.879.1Y.AB