ENGINEERING
YOUR SPRAY SOLUTION

LECHLER

NEW

Rotating Cleaning Nozzle Series 5S5

XactClean® HP+
High Performance

Excellent performance.
A new dimension of cleaning.

- Very efficient due to controlled rotation
- Powerful flat fan nozzle inserts
- High reliability and operational safety

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Series 5S5

The XactClean® HP+ provides uniform cleaning and high impact, thanks to specially developed flat fan nozzles. Controlled rotation, along with higher flow rates, ensures effective results, especially in larger tanks. The robust drive unit makes the XactClean® HP+ extremely dependable and increases operational reliability. This nozzle is compatible with the Lechler rotation monitoring sensor, making it easy to oversee the cleaning process.

FDA

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

Max. tank diameter [m]

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

Material
Stainless steel 316L SS, Stainless steel 316 SS, PEEK, EPDM

Max. temperature
95 °C

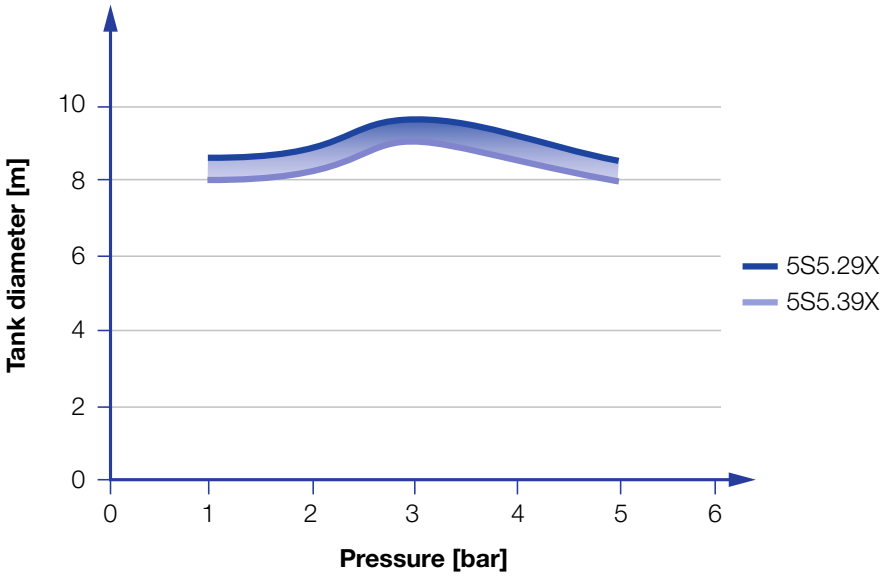
Recommended operating pressure
3 bar

Installation
Operation in every direction is possible

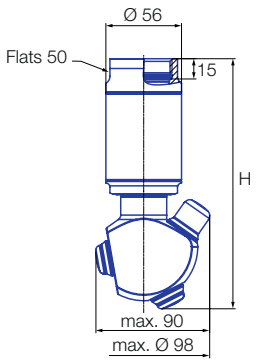
Filtration
Line strainer with a mesh size of 0.3 mm/50 mesh

Bearing
Double ball bearing

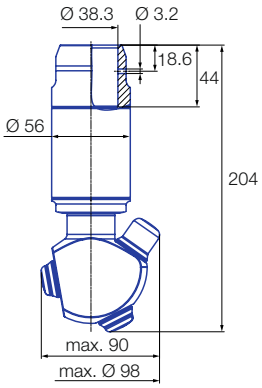
Rotation monitoring sensor
Sensor compatible, please ask for more information.



Overview of the tank diameter, depending upon the pressure of series 5S5



Female thread



Dimensions slip-on connection according to ASME-BPE (OD-tube)

Nozzle dimensions [mm]

Connection	Max. Height [H]
AN	185
AQ	185
AS	187

Spray angle	Ordering no.					E Ø [mm]	$\dot{V}$ [l/min]				Max. tank diameter [m]
	Type	Connection					p [bar] (p_{max} = 10 bar)				
		1 BSPP	1 1/4 BSPP	1 1/2 BSPP	1 1/2" Slip-on		2	3	5	at 40 psi [US gal./ min]	
180°	**5S5.293.1Y**	**AN**	**-**	**-**	**TF15**	3.0	165	202	261	51.2	9.0
	5S5.323.1Y	**AN**	**AQ**	**-**	**TF15**	3.0	200	245	316	62.0	9.2
	5S5.363.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	250	306	395	77.6	9.4
180°	**5S5.294.1Y**	**AN**	**-**	**-**	**TF15**	3.0	165	202	261	51.2	9.0
	5S5.324.1Y	**AN**	**AQ**	**-**	**TF15**	3.0	200	245	316	62.0	9.2
	5S5.364.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	250	306	395	77.6	9.4
270°	**5S5.295.1Y**	**AN**	**-**	**-**	**TF15**	3.0	165	202	261	51.2	9.0
	5S5.325.1Y	**AN**	**AQ**	**-**	**TF15**	3.0	200	245	316	62.0	9.2
	5S5.365.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	250	306	395	77.6	9.4
270°	**5S5.296.1Y**	**AN**	**-**	**-**	**TF15**	3.0	165	202	261	51.2	9.0
	5S5.326.1Y	**AN**	**AQ**	**-**	**TF15**	3.0	200	245	316	62.0	9.2
	5S5.366.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	250	306	395	77.6	9.4
360°	**5S5.299.1Y**	**AN**	**-**	**-**	**TF15**	3.0	165	202	261	51.2	9.0
	5S5.329.1Y	**AN**	**AQ**	**-**	**TF15**	3.0	200	245	316	62.0	9.2
	5S5.369.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	250	306	395	77.6	9.4
	5S5.399.1Y	**-**	**AQ**	**AS**	**TF15**	3.0	300	367	474	93.1	9.6

E = Narrowest free cross-section · NPT 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.

Slip-on information

- R-clip made of stainless steel 316L SS is included (Ordering no.: 095.013.1Y.06.45.0).
- Depending on diameter of the adapter the flow rate can increase due to leakage between connecting pipe and rotating cleaning nozzle.

Example of ordering:	Type	+	Connection	=	Ordering no.
	5S5.293.1Y.	**+**	**AN**	**=**	**5S5.293.1Y.AN**

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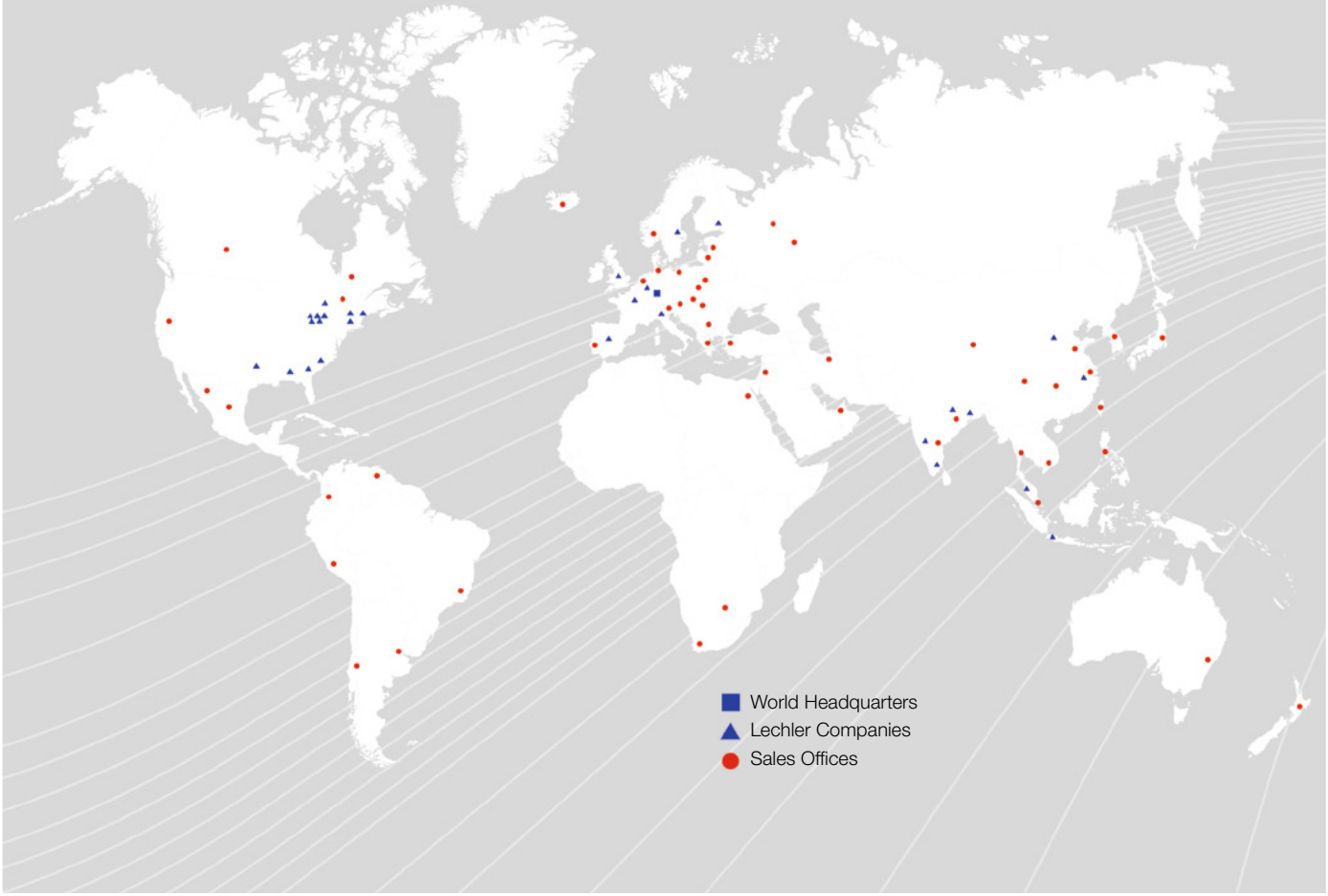

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