

ENGINEERING
YOUR SPRAY SOLUTION



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



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.



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



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

Max. temperature
95 °C

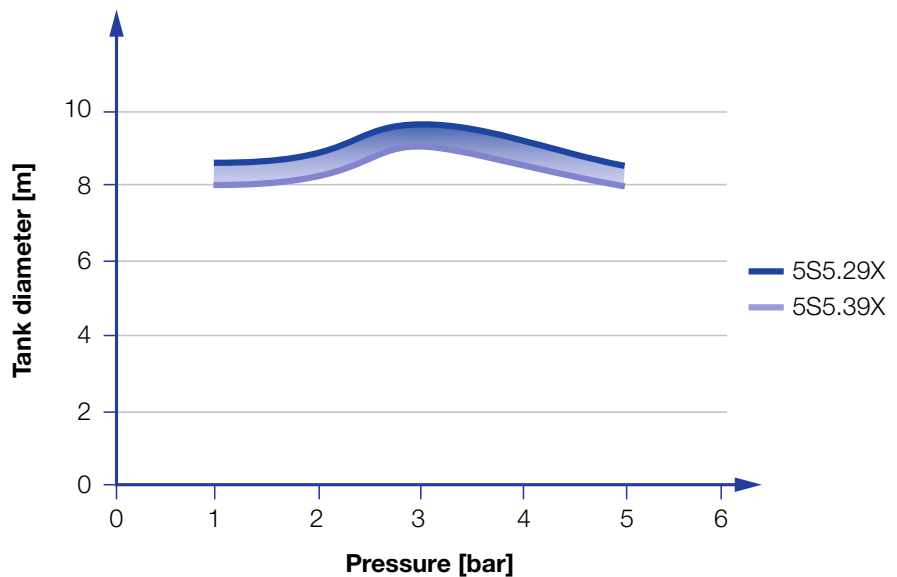
Recommended operating pressure
3 bar

Installation
Operation in every direction is possible

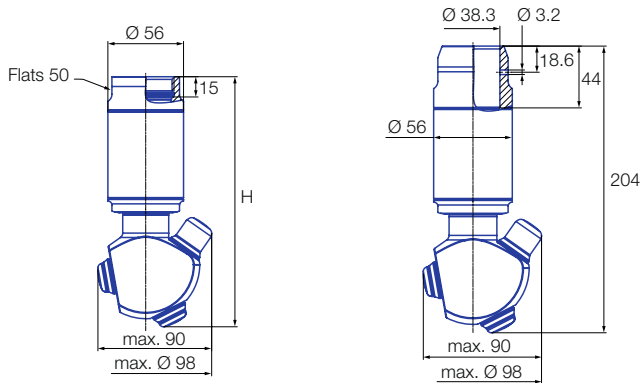
Filtration
Line strainer with a mesh size of 0.3 mm/50 mesh

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]	V̇ [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

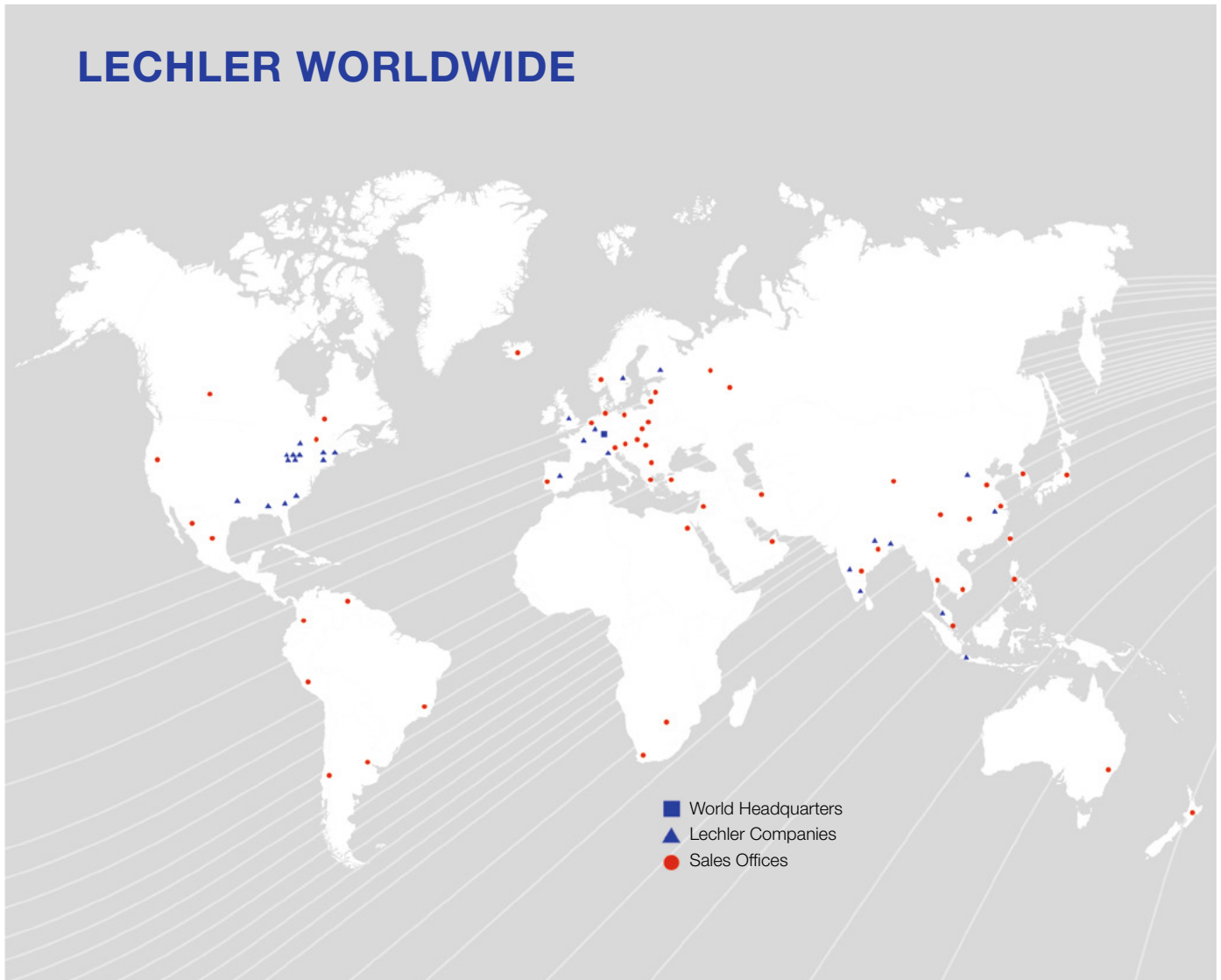
- R-clip made of stainless steel 316L SS is included (Ordering no.: 095.013.1Y.06.45.0).
- Depending on diameter of the adapter the flow rate can increase due to leakage between connecting pipe and rotating cleaning nozzle.

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

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Lechler GmbH · Precision Nozzles · Nozzle Systems

P.O. Box 13 23 · 72544 Metzingen, Germany · Phone: +49 7123 962-0 · Fax: +49 7123 962-301 · info@lechler.de · www.lechler.com

ASEAN: Lechler Spray Technology Sdn. Bhd. · No. 23, Jalan Teknologi 3/3A · Taman Sains Selangor 1 · Kota Damansara, PJU 5 · 47810 Petaling Jaya · Malaysia · info@lechler.com.my

Belgium: Lechler S.A./N.V. · Avenue Mercator 6 · 1300 Wavre · Phone: +32 10 225022 · Fax: +32 10 243901 · info@lechler.be

China: Lechler Intl. Trad. Co. Ltd. · Beijing · Rm. 418 Landmark Tower · No. 8 Dong San Huan Bei Lu · Phone: +86 10 84537968, Fax: +86 10 84537458 · info@lechler.com.cn

Finland: Lechler Oy · Jäspilänkatu 18 · 04250 Kerava · Phone: +358 207 856880 · Fax: +358 207 856881 · info@lechler.fi

France: Lechler France, S.A. · Bât. CAP2 · 66-72, Rue Marceau · 93558 Montreuil · Phone: +33 1 49882600 · Fax: +33 1 49882609 · info@lechler.fr

Great Britain: Lechler Ltd. · 1 Fell Street, Newhall · Sheffield, S9 2TP · Phone: +44 114 2492020 · Fax: +44 114 2493600 · info@lechler.com

India: Lechler (India) Pvt. Ltd. · Plot B-2 · Main Road · Wagle Industrial Estate · Thane (W) · 400604 · Phone: +91 22 40634444 · Fax: +91 22 40634497 · lechler@lechlerindia.com

Italy: Lechler Spray Technology S.r.l. · Via Don Dossetti 2 · 20080 Carpiano (MI) · Phone: +39 02 98859027 · Fax: +39 02 9815647 · info@lechleritalia.com

Spain: Lechler S.A. · Avda. Pirineos 7 · Oficina B7, Edificio Inbisa I · 28700 San Sebastián de los Reyes, Madrid · Phone: +34 91 6586346 · Fax: +34 91 6586347 · info@lechler.es

Sweden: Lechler AB · Kungsängsvägen 31 B · 753 23 Uppsala · Phone: +46 18 167030 · Fax: +46 18 167031 · info@lechler.se

USA: Lechler Inc. · 445 Kautz Road · St. Charles, IL, 60174 · Phone: +1 630 3776611 · Fax: +1 630 3776657 · info@lechlerUSA.com