



Rotating cleaning nozzle »XactClean HP+« Series 5S5

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.com/xactcleanhpplus



Material
316L SS, 316 SS,
PEEK, EPDM

Max. temperature
95 °C

Recommended operating pressure
3 bar

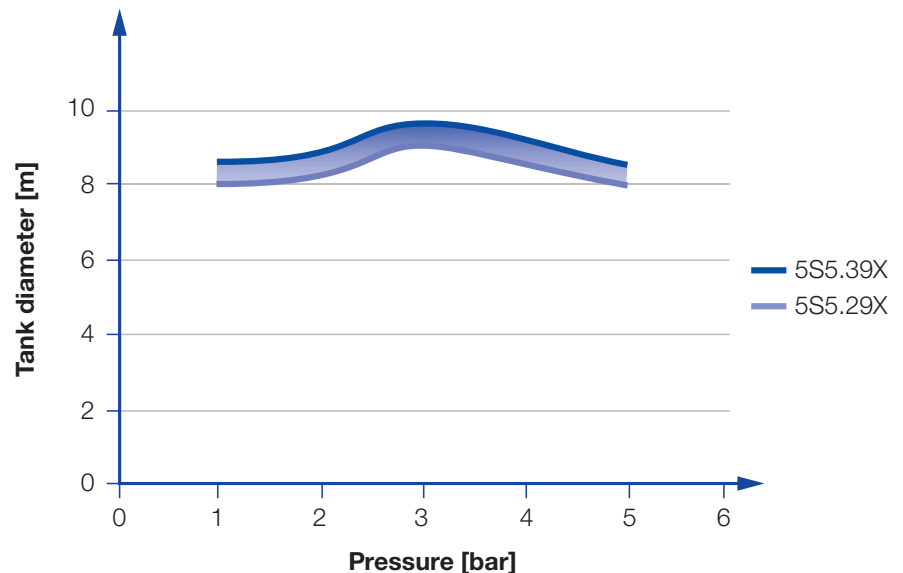
Installation
Operation in every direction is possible

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

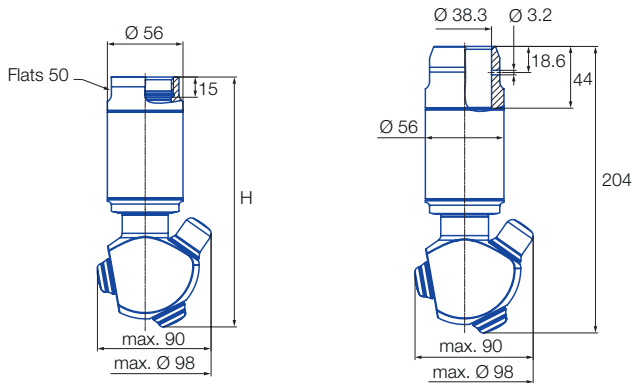
Bearing
Double ball bearing

Rotation monitoring sensor
Sensor compatible,
Info: see page 65.

Adapter
1 BSPP, 1 1/4 BSPP
and 1 1/2 BSPP
are compatible with HygienicFit



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]	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]	
	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
	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
	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
	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
	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 has negative effects on the cleaning result and wear.

Slip-on information

- R-clip made of 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 5S5.293.1Y + Connection AN = Ordering no. 5S5.293.1Y.AN