

Rotating cleaning nozzle XactClean HP+ Series 5S5



Features:

- High impact and uniform cleaning thanks to specially developed flat fan nozzles
- Effective cleaning of larger tanks through higher flow rates
- High operating reliability due to robust drive unit



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

Series 5S5

Technical data:



Maximum operating temperature
150 °C



Maximum ambient temperature
150 °C



Installation
Operation in every installation position



Bearing
Double ball bearing



Material
Stainless steel 1.4404 (316L), stainless steel 1.4401 (316), PEEK, EPDM



Weight
1.12–1.93 kg



Surface quality Outside
 $Ra \leq 0.8 \mu m$



Surface quality Inside
 $Ra \leq 1.6 \mu m$



Steam suitability
Suitable



Insertion diameter
81–140 mm



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



Recommended operating pressure
3 bar



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



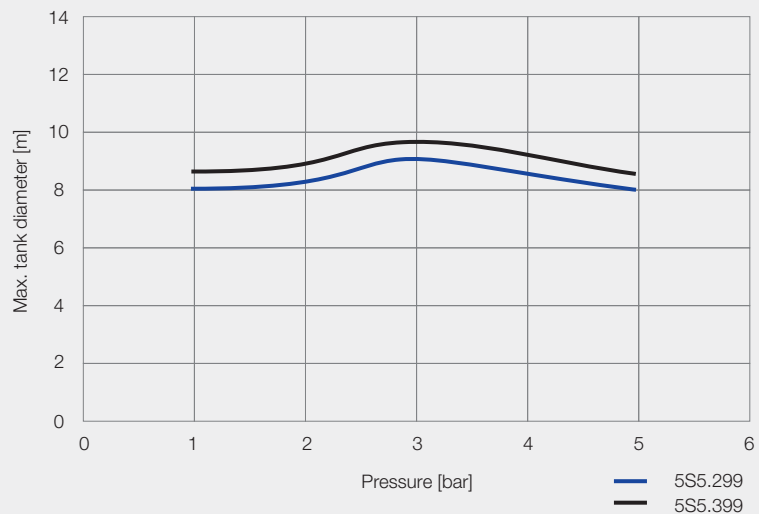
Rotation monitoring
Sensor-compatible, information: see pages 108–109



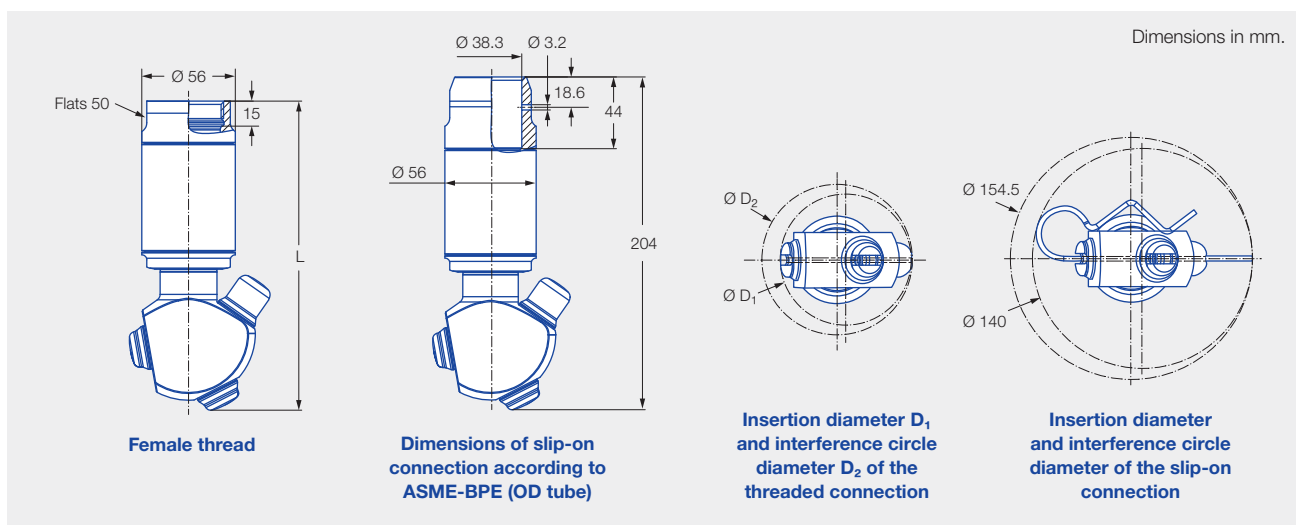
Maintainable



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



Connection		Dimensions [mm]		
		L	Insertion diameter D_1	Interference circle diameter D_2
AN	1 BSPP	185	81–92	82–98
AQ	1 1/4 BSPP	185	81–92	82–98
AS	1 1/2 BSPP	187	81–92	82–98

Spray angle	Ordering no.					Narrowest cross-section Ø [mm]	V̇ water [l/min]			V̇ water	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 connection		2.0	3.0	5.0	at 3 bar [m³/h]	
	5S5.293.1Y	AN			TF15	3.0	165	202	261	12.1	9.0
	5S5.323.1Y	AN	AQ		TF15	3.0	200	245	316	14.7	9.2
	5S5.363.1Y		AQ	AS	TF15	3.0	250	306	395	18.4	9.4
	5S5.294.1Y	AN			TF15	3.0	165	202	261	12.1	9.0
	5S5.324.1Y	AN	AQ		TF15	3.0	200	245	316	14.7	9.2
	5S5.364.1Y		AQ	AS	TF15	3.0	250	306	395	18.4	9.4
	5S5.295.1Y	AN			TF15	3.0	165	202	261	12.1	9.0
	5S5.325.1Y	AN	AQ		TF15	3.0	200	245	316	14.7	9.2
	5S5.365.1Y		AQ	AS	TF15	3.0	250	306	395	18.4	9.4
	5S5.296.1Y	AN			TF15	3.0	165	202	261	12.1	9.0
	5S5.326.1Y	AN	AQ		TF15	3.0	200	245	316	14.7	9.2
	5S5.366.1Y		AQ	AS	TF15	3.0	250	306	395	18.4	9.4
	5S5.299.1Y	AN			TF15	3.0	165	202	261	12.1	9.0
	5S5.329.1Y	AN	AQ		TF15	3.0	200	245	316	14.7	9.2
	5S5.369.1Y		AQ	AS	TF15	3.0	250	306	395	18.4	9.4
	5S5.399.1Y		AQ	AS	TF15	3.0	300	367	474	22.0	9.6

NPT threads on request.

Information on operation

Compressed air can be used only for a short time for blowing dry. Use above the recommended pressure will have a negative effect on the cleaning result and wear.

Information on slip-on connection

- Cotter pin made of stainless steel 1.4404 (316L) included (ordering no. 095.013.1Y.06.45).
- Depending on the adapter diameter, the flow rate may increase due to the leakage between the adapter and rotating cleaning nozzle.

Ordering Type + Connection = Ordering no.
example: 5S5.293.1Y + AN = 5S5.293.1Y.AN