

Rotating cleaning nozzle XactClean HP 2 Series 5S6/5S7



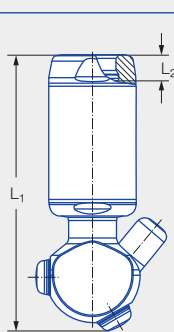
Features:

- Flat fan nozzle with high impact
- Uniform cleaning
- High efficiency due to controlled rotation
- High operating reliability thanks to robust drive unit

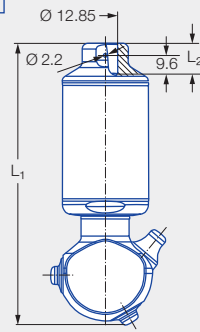


**ATEX version
available on
request**

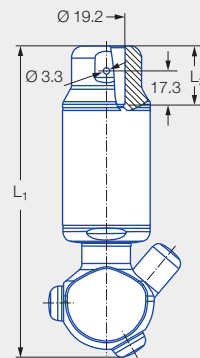
Series 5S6/5S7



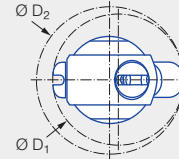
Female thread



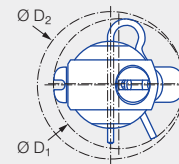
Dimensions of
1/2" slip-on connection
according to
ASME-BPE (OD tube)



Dimensions of
3/4" slip-on connection
according to
ASME-BPE (OD tube)



Insertion diameter D_1
and interference circle diameter D_2
of the threaded connection



Insertion diameter D_1
and interference circle diameter D_2
of the slip-on connection

Connection		Dimensions [mm]			
		L ₁	L ₂	Insertion diameter D_1	Interference circle diameter D_2
AF	3/8 BSPP	141.0	9.0	50.0–66.0	50.0–67.0
AH	1/2 BSPP	143.0	13.0	50.0–74.0	50.0–76.0
AL	3/4 BSPP	143.0	13.2	50.0–79.0	50.0–81.0
AN	1 BSPP	140.0	16.5	51.0–79.0	53.0–80.0
TF05	1/2" slip-on connection	150.0	16.0	52.0–66.0	50.0–67.0
TF07	3/4" slip-on connection	160.0	30.0	66.0–79.0	50.0–81.0

Max. tank diameter [m]	0	1	2	3	4	5	6	7	8	9
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Cleaning efficiency class
4



Max. temperature
150 °C



Installation
Operation in every direction is possible



Bearing
Double ball bearing



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



Recommended operating pressure
3 bar



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



Rotation monitoring
Sensor compatible, for information: See Page 225








Adapter
3/8 BSPP, 1/2 BSPP, 3/4 BSPP and 1 BSPP are compatible with HygienicFit

Function video

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





Spray angle	Order no.							Narrowest cross-section Ø [mm]	V̇ water [l/min]					Max. tank diameter [m]
	Type	Connection							p [bar] (p _{max} = 15 bar)					
		3/8 BSPP	1/2 BSPP	3/4 BSPP	1 BSPP	1/2" slip-on connection	3/4" slip-on connection		2.0	3.0	5.0	10.0	at 40 psi [US gal/min]	
180° 	5S6.963.1Y	AF	AH				TF05	1.7	25	31	40	57	8	3.5
	5S7.043.1Y		AH				TF07	2.0	41	50	65	92	13	4.0
	5S7.113.1Y		AH	AL			TF07	2.0	60	73	94	133	18	6.0
	5S7.183.1Y			AL			TF07	2.0	89	109	141	199	28	7.0
	5S7.223.1Y			AL			TF07	2.0	111	136	175	248	34	7.5
	5S7.253.1Y			AL	AN		TF07	2.0	135	165	213	301	42	8.0
180° 	5S6.964.1Y	AF	AH				TF05	1.7	25	31	40	57	8	3.5
	5S7.044.1Y		AH				TF07	2.0	41	50	65	92	13	4.0
	5S7.114.1Y		AH	AL			TF07	2.0	60	73	94	133	18	6.0
	5S7.184.1Y			AL			TF07	2.0	89	109	141	199	28	7.0
	5S7.224.1Y			AL			TF07	2.0	111	136	175	248	34	7.5
	5S7.254.1Y			AL	AN		TF07	2.0	135	165	213	301	42	8.0
270° 	5S6.965.1Y	AF	AH				TF05	1.7	25	31	40	57	8	3.5
	5S7.045.1Y		AH				TF07	2.0	41	50	65	92	13	4.0
	5S7.115.1Y		AH	AL			TF07	2.0	60	73	94	133	18	6.0
	5S7.185.1Y			AL			TF07	2.0	89	109	141	199	28	7.0
	5S7.225.1Y			AL			TF07	2.0	111	136	175	248	34	7.5
	5S7.255.1Y			AL	AN		TF07	2.0	135	165	213	301	42	8.0
270° 	5S6.966.1Y	AF	AH				TF05	1.7	25	31	40	57	8	3.5
	5S7.046.1Y		AH				TF07	2.0	41	50	65	92	13	4.0
	5S7.116.1Y		AH	AL			TF07	2.0	60	73	94	133	18	6.0
	5S7.186.1Y			AL			TF07	2.0	89	109	141	199	28	7.0
	5S7.226.1Y			AL			TF07	2.0	111	136	175	248	34	7.5
	5S7.256.1Y			AL	AN		TF07	2.0	135	165	213	301	42	8.0
360° 	5S6.969.1Y	AF	AH				TF05	1.5	25	31	40	57	8	3.5
	5S7.049.1Y		AH				TF07	2.0	41	50	65	92	13	4.0
	5S7.119.1Y		AH	AL			TF07	2.0	60	73	94	133	18	6.0
	5S7.189.1Y			AL			TF07	2.0	89	109	141	199	28	7.0
	5S7.229.1Y			AL			TF07	2.0	111	136	175	248	34	7.5
	5S7.259.1Y			AL	AN		TF07	2.0	135	165	213	301	42	8.0

NPT thread available on request.

The maximum tank diameter applies to the recommended operating pressure and is meant as a recommendation only. The cleaning result is also affected by the type of soiling.

Compressed air should be used for dry blowing for a short time only. Operation above the recommended operating pressure has a negative impact on the cleaning result and wear.

Information about slip-on connections

- Pin made of stainless steel 316L supplied (Ordering no.: 095.013.1Y.06.45).
- Depending on the diameter of the adapter, the flow rate can increase due to a leakage between the adapter and the rotating cleaning nozzle.

Ordering Type + Code = Ordering no.
example: 5S6.963.1Y + AF = 5S6.963.1Y.AF

