



Rotating cleaning nozzle "XactClean® HP2" Series 5S6/5S7

Series 5S6/5S7

The XactClean® HP2 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. It is suitable for use with steam. This nozzle is compatible with the Lechler rotation monitoring sensor, making it easy to oversee the cleaning process.



Material
Stainless steel 316L
PEEK, EPDM

Max. temperature
302°F/150 °C

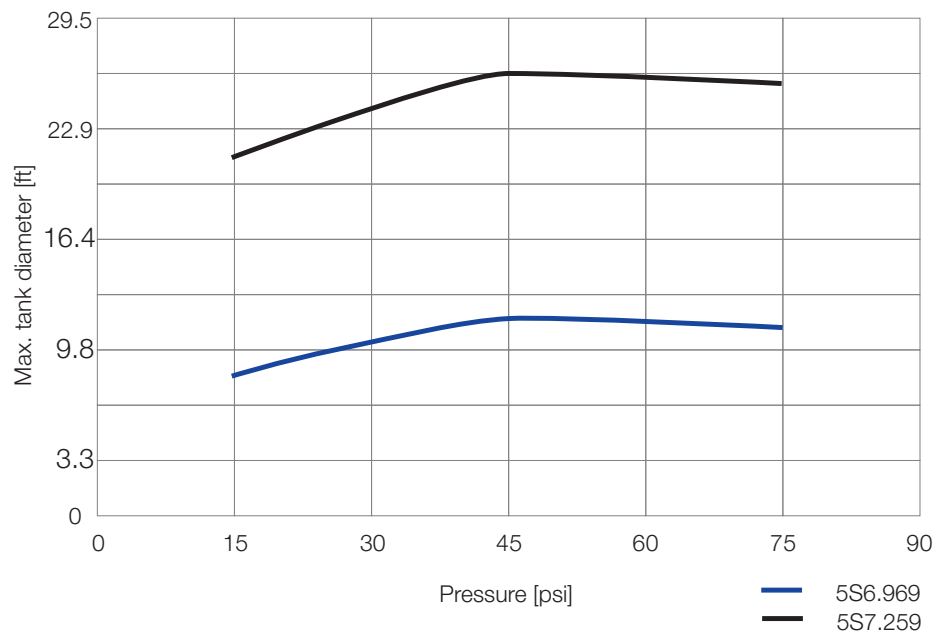
Recommended operating pressure
45 psi

Installation
Operation in every direction is possible

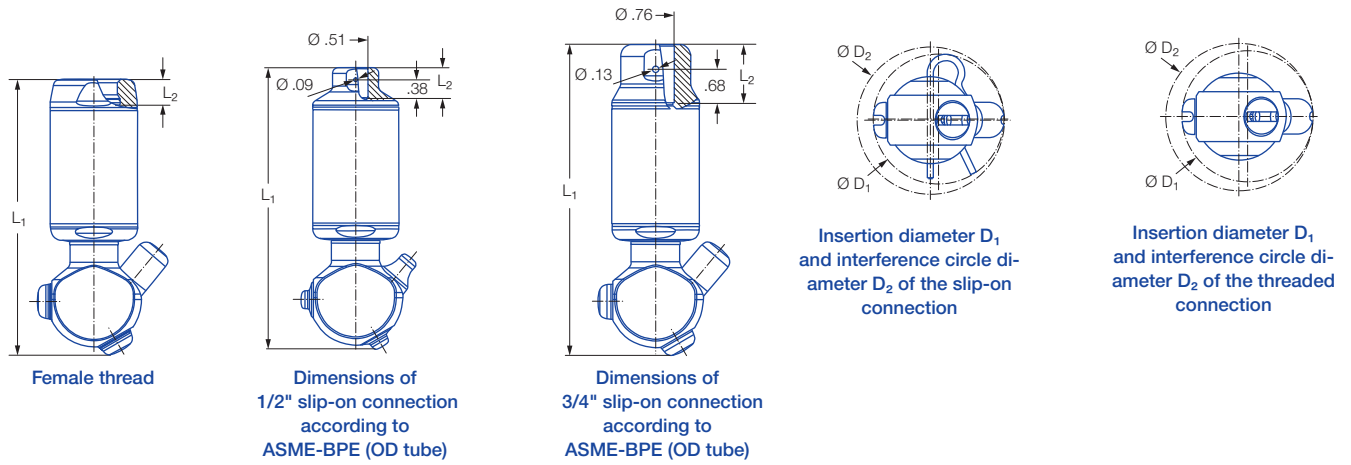
Filtration
Line strainer with a mesh size of 0.3 mm/50 mesh







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



Spray angle 	Order number							Narrowest cross-section \varnothing [in]	\dot{V} water [gal/min]					Max. tank diameter [ft]
	Type	Connection							p [psij]					
		3/8 NPT	1/2 NPT	3/4 NPT	1 NPT	1/2" slip-on connection	3/4" slip-on connection		30	45	3.0 bar	75	145	
180° 	5S6.963.1Y	BF	BH				TF05	0.07	6.60	8.19	31	10.57	15.06	11.5
	5S7.043.1Y		BH				TF07	0.08	10.83	13.21	50	17.17	24.30	13.1
	5S7.113.1Y		BH	BL			TF07	0.08	15.85	19.28	73	24.83	35.13	19.7
	5S7.183.1Y			BL			TF07	0.08	23.51	28.79	109	37.25	52.57	23.0
	5S7.223.1Y			BL			TF07	0.08	29.32	35.93	136	46.23	65.51	24.6
	5S7.253.1Y			BL	BN		TF07	0.08	35.66	43.59	165	56.27	79.52	26.2
180° 	5S6.964.1Y	BF	BH				TF05	0.07	6.60	8.19	31	10.57	15.06	11.5
	5S7.044.1Y		BH				TF07	0.08	10.83	13.21	50	17.17	24.30	13.1
	5S7.114.1Y		BH	BL			TF07	0.08	15.85	19.28	73	24.83	35.13	19.7
	5S7.184.1Y			BL			TF07	0.08	23.51	28.79	109	37.25	52.57	23.0
	5S7.224.1Y			BL			TF07	0.08	29.32	35.93	136	46.23	65.51	24.6
	5S7.254.1Y			BL	BN		TF07	0.08	35.66	43.59	165	56.27	79.52	26.2
270° 	5S6.965.1Y	BF	BH				TF05	0.07	6.60	8.19	31	10.57	15.06	11.5
	5S7.045.1Y		BH				TF07	0.08	10.83	13.21	50	17.17	24.30	13.1
	5S7.115.1Y		BH	BL			TF07	0.08	15.85	19.28	73	24.83	35.13	19.7
	5S7.185.1Y			BL			TF07	0.08	23.51	28.79	109	37.25	52.57	23.0
	5S7.225.1Y			BL			TF07	0.08	29.32	35.93	136	46.23	65.51	24.6
	5S7.255.1Y			BL	BN		TF07	0.08	35.66	43.59	165	56.27	79.52	26.2
270° 	5S6.966.1Y	BF	BH				TF05	0.07	6.60	8.19	31	10.57	15.06	11.5
	5S7.046.1Y		BH				TF07	0.08	10.83	13.21	50	17.17	24.30	13.1
	5S7.116.1Y		BH	BL			TF07	0.08	15.85	19.28	73	24.83	35.13	19.7
	5S7.186.1Y			BL			TF07	0.08	23.51	28.79	109	37.25	52.57	23.0
	5S7.226.1Y			BL			TF07	0.08	29.32	35.93	136	46.23	65.51	24.6
	5S7.256.1Y			BL	BN		TF07	0.08	35.66	43.59	165	56.27	79.52	26.2
360° 	5S6.969.1Y	BF	BH				TF05	0.06	6.60	8.19	31	10.57	15.06	11.5
	5S7.049.1Y		BH				TF07	0.08	10.83	13.21	50	17.17	24.30	13.1
	5S7.119.1Y		BH	BL			TF07	0.08	15.85	19.28	73	24.83	35.13	19.7
	5S7.189.1Y			BL			TF07	0.08	23.51	28.79	109	37.25	52.57	23.0
	5S7.229.1Y			BL			TF07	0.08	29.32	35.93	136	46.23	65.51	24.6
	5S7.259.1Y			BL	BN		TF07	0.08	35.66	43.59	165	56.27	79.52	26.2

*BSPP 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 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: 5S7.259.1Y. + BN = 5S7.259.1Y.BN