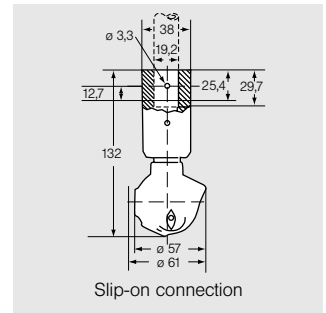
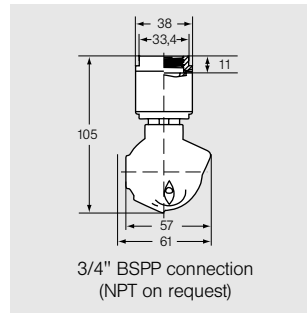


With ATEX approval



Rotating Nozzle »Whirly« Series 569

- Flat jet nozzles with improved vertical coverage
- Better balance for smoother operation
- Fits through smaller openings
- In horizontal installation position rotation from 2 bar
- Operating instructions (Ord. no. 095.009.00.14.86.0) are included in delivery



Applications

For small and medium sized tanks e.g. in Chemical, Beverage, Food industries

There are three standard inlets available:

- For general industrial use: 3/4" ISO female
- For sanitary CIP use: Slip-on 3/4" tubing includes R-Clip made of stainless steel AISI 316L (Ord. no. 095.022.1Y.50.60.E)

Max. tank diameter:

Rinsing: 5 m
Cleaning: 3 m

Operating pressure:





1 – 2,5 bar

Material:

Stainless steel AISI 316L

Bearing:

Double bearings made of stainless steel AISI 316L with PEEK-cage.

Spray-angle 	Ordering number Type	Connection		E ø [mm]	Flow rate \dot{V} [l/min] Δp [bar] ($\Delta p_{max} = 6$ bar)			
		3/4" BSPP*	3/4" Slip-on		1	2	3	40 psi [US gal./min]
270° 	569.055.1Y.XX.EX.1	AL	TF	1,0	36	51	62	15
	569.135.1Y.XX.EX.1	AL	TF	1,0	52	73	89	22
	569.195.1Y.XX.EX.1	AL	TF	1,0	69	97	119	30
270° 	569.056.1Y.XX.EX.1	AL	TF	1,0	36	51	62	15
	569.106.1Y.XX.EX.1	AL	TF	1,0	41	58	71	18
	569.196.1Y.XX.EX.1	AL	TF	1,0	69	97	119	30
270° 	569.059.1Y.XX.EX.1	AL	TF	1,0	36	51	62	15
	569.139.1Y.XX.EX.1	AL	TF	1,0	52	73	89	22
	569.199.1Y.XX.EX.1	AL	TF	1,0	69	97	119	30
	566.279.1Y.XX.EX.1	AL	TF	1,0	103	145	178	45

E = narrowest free cross-section · *NPT on request

Please note: We do not recommend the operation with compressed air. Higher pressure generally means higher wear and smaller droplets. This might have adverse effects on the cleaning result.

We recommend the use of a line strainer 0,3 mm/50 mesh.

For further ordering data please turn to your Lechler contact person.

Example **Type** + **Connection** = **Ordering no.**
for ordering: 569.055.1Y.XX.EX.1 + AL = 569.055.1Y.AL.EX.1

ATEX approval

The Type "Whirly" – Series 569 conforms to the requirements of the Directive 94/9/EG (ATEX) covering equipment and safety systems for correct use in locations where there is an explosion hazard, and can be used for cleaning rooms. This also applies to rooms in which reaction media with a tendency to explode are present in solid, dust or gaseous form. Due to its design, the specified safety measures and the strict observance of these operating instructions, the rotating nozzle represents no potential ignition source.

Unit group, category, zones:

⊕ II 1 GD c T4 T 120 °C +5 °C ≤ Ta ≤ +90 °C

for zone 0, 1, 2

for zone 20, 21, 22

(gas atmosphere)

(dust atmosphere)

The cleaning units in the scope of validity of these operating instructions are certified for the following temperature classes in accordance with the ATEX requirements.

T-Klasse (brennbare Gase)	Temperatures		
	Highest temperature value of the Temperature Class	Maximum surface tem- perature of the cleaning unit (80 % of the maxi- mum temperature value of the T-Class)	Maximum temperature of cleaning agent and container during cleaning
T4	135 °C	108 °C	90 °C