Rotating cleaning nozzle HygienicWhirly
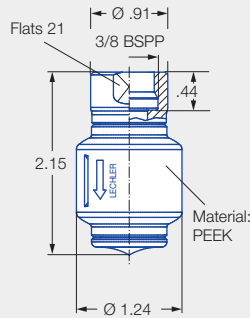## Series 594/595

Features:
- Cleaning with highly effective flat jets
- Good cleaning effect even at low pressure
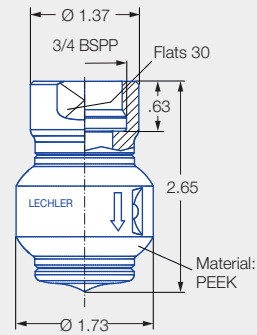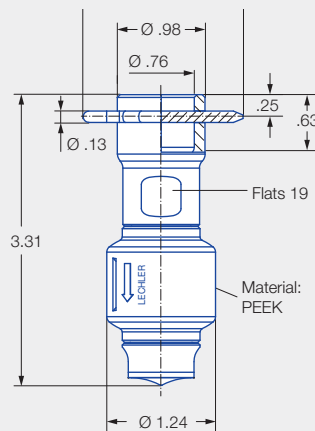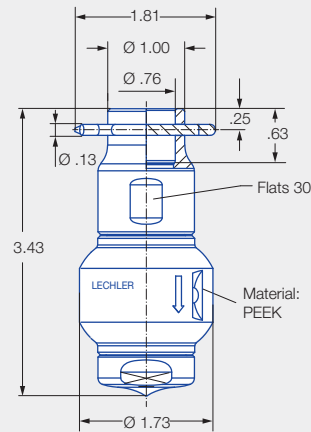- Suitable for the application of foam

FDA

Series 594/595

Standard version/Female thread
59x.xx9.1Y.AF

Flats 21
Ø .91
3/8 BSPP
.44
2.15
LECHLER
Material: PEEK
Ø 1.24

Standard version/Female thread
595.139.1Y.AL

Ø 1.37
3/4 BSPP
Flats 30
.63
2.65
LECHLER
Material: PEEK
Ø 1.73

Dimension of the slip-on connection according to ASME-BPE (OD tube)
59x.xx9.1Y.67

Ø .98
Ø .76
.25
.63
Ø .13
Flats 19
3.31
LECHLER
Material: PEEK
Ø 1.24

Dimension of the slip-on connection according to ASME-BPE (OD tube) 595.139.1Y.67

1.81
Ø 1.00
Ø .76
.25
.63
Ø .13
Flats 30
3.43
LECHLER
Material: PEEK
Ø 1.73

	Max. tank diameter [ft]	0	5	10	15	20	25

Technical data:

Maximum operating temperature
302 °F

Maximum ambient temperature
302 °F

Installation
Operation in every installation position

Bearing
Slide bearing made of PEEK

Material
Stainless steel 1.4404 (316L), PEEK, version with slip-on connection: O-ring made of EPDM

Weight
3/8"   0.21 lbs
3/4"   0.05 lbs

$\sqrt{Ra}$ **Surface quality**
Ra ≤ 0.8 µm
OUTSIDE

$\sqrt{Ra}$ **Surface quality**
Ra ≤ 0.8 µm
INSIDE

Steam suitability
Suitable

Insertion diameter
1.24–1.89 in

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

Recommended operating pressure
45 psi

Function video
www.lechler.com/hygienicwhirly
Or scan the QR code.

Spray angle	Ordering number				Narrowest free cross section Ø [in]	$\dot{V}$ water [gal/min]						Max. tank diameter [ft]
	Type	Connection				p [psi] (p_{max} = 75 psi)						
		3/8" Female BSPP	3/4" Female BSPP	3/4" slip-on		7	15	30	45	Liters per min. 3 bar	75	
360°	594.829.1Y	AF		67	0.07	1.48	2.17	3.07	3.76	14	4.86	2
	594.879.1Y	AF		67	0.10	1.91	2.79	3.95	4.84	18	6.24	4
	595.009.1Y	AF		67	0.16	4.13	6.05	8.55	10.48	39	13.53	5
	595.049.1Y	AF		67	0.17	5.19	7.60	10.75	13.16	49	17.00	6
	595.139.1Y		AL	67	2.00	8.69	12.72	17.99	22.03	82	28.44	9

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.: 095.022.1Y.50.94.E).
- 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 example:	Type 594.829.1Y	+ +	Code AF	= =	Ordering no. 594.829.1Y.AF