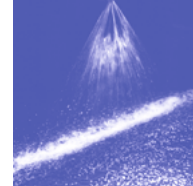




Flat fan nozzles for belt lubrication

Series 652



Especially low flow rates.
Parabolic liquid distribution.

Applications:

Belt lubrication, moistening,
spraying of food products,
moisturization of rollers,
oiling, lubrication of metal
sheets.

Operating pressure range:
1 to 5 bar

**Recommended operating
pressure:**
3 bar

Viscosity:

The nozzles can be operated
with viscous media, e. g.
transmission fluid (max.
approx. 200 mPas). However
the spray angle decreases.

Return valve with filter:

■ Prevents dripping and
saves medium

■ Size of filter mesh:
0.08 mm (200 mesh)

■ 095.016.53.11.00

Opening pressure:

approx. 0.5 bar

Closing pressure:

approx. 0.3 bar

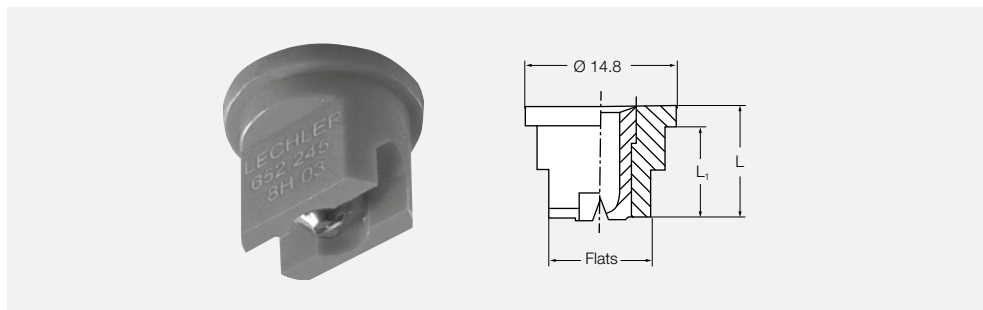
■ 095.016.53.14.63

Opening pressure:

approx. 2.8 bar

Closing pressure:

approx. 1.6 bar



Spray angle	Ordering no.				Colour	E Ø [mm]	V̇ [l/min]			
	Type	Mat. no.					p [bar]			
		16	8H.03*	56.03						
		303 SS	POM/ 303 SS	POM			1.0	2.0	3.0	5.0
75°	652.145	○	○	○	green	0.12	0.04**	0.05	0.06	0.08
	652.165	○	○	-	black	0.14	0.05**	0.07	0.08	0.10
	652.185	○	○	○	red	0.16	0.06**	0.08	0.10	0.13
	652.215	○	○	-	blue	0.20	0.08**	0.11	0.14	0.18
	652.245	○	○	-	orange	0.30	0.12**	0.16	0.20	0.26
	652.275	○	○	-	brown	0.30	0.16**	0.22	0.27	0.35
120°	652.187	○	○	-	grey	0.20	0.06**	0.08	0.10	0.13
	652.247	○	○	-	black	0.20	0.12**	0.16	0.20	0.26
	652.277	○	○	-	black	0.30	0.16**	0.22	0.27	0.35

E = narrowest free cross section

* Housing POM, nozzle insert 303 SS

** Differing spray pattern.

Subject to technical modifications.

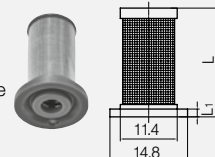
Pos.	Name	Ordering no.	Material	Colour	Dimensions [mm]			***
					L	L ₁	Flats	
1	Filter with return valve	095.016.53.11.00	PP	blue	21	1.5	-	0.08
		095.016.53.14.63	PP	green	21	1.5	-	0.08
2	Gasket	065.240.55	PTFE	-	-	-	-	-
		065.240.72	EWP 210	-	-	-	-	-
3	Nozzle	Ordering no. see flow tables	303 SS	-	11	9	10	-
			POM/303 SS*	-	12	10	8	-
4	Cap nut	065.200.16	303 SS	-	13	10	22	-
		065.200.56	POM	black	14.5	11.5	22	-

* Housing POM, Nozzle insert 303 SS

** Size of mesh

Position 1

Filter with
return valve



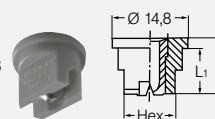
Position 2

Gasket



Position 3

Nozzle



Position 4

Cap nut

