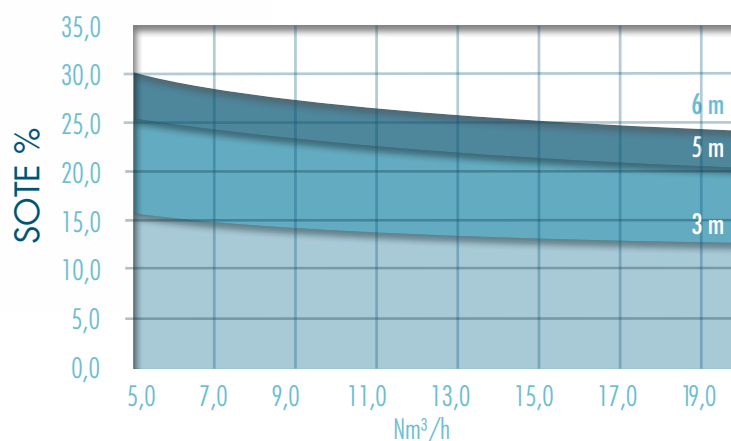


AirTech

TS90/ 1000

3" fine bubbles tubular diffuser with EPDM membrane - clamp connection. Medium bubbles membrane/silicone on request



Dimensions

Code	04233	04214	04215
D 1 [mm]	90 (3")	90 (2")	90 (2")
Total length [mm]	1.176	1.186	1.188
Perforated length [mm]	1.000	1.000	1.000
Threaded connection	Saddle D90	Saddle D110	Saddle D114,3
Weight [Kg]	2,4	2,4	2,4

Cod. 04233-04214-04215

- 1 Holder saddle
- 2 Membrane
- 3 Clamp
- 4 O-R
- 5 Screw M8x45
- 6 Self-locking nut M8

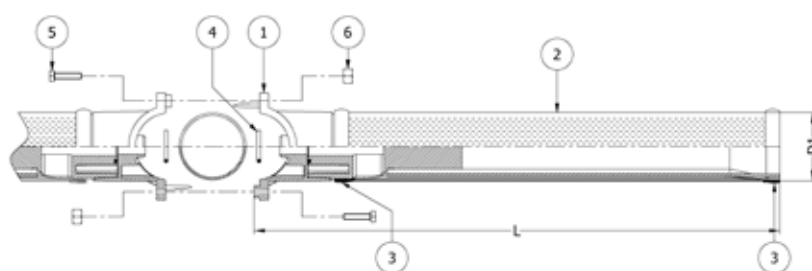
Performance

Code	04233-04214-04215
Minimum airflow [Nm³/h]	2,5
Nominal airflow [Nm³/h]	10
Maximum airflow [Nm³/h]	30
Design airflow range [Nm³/h]	5,0-20,0
* Head losses [cm w.c.]	54

* Head losses are calculated at nominal airflow and 4m submergence

Materials

Code	04233-04214-04215
Membrane	EPDM
Holder	PP
Saddle	PPGF 30%
Clamps	A4
Nuts & Bolts	A4
OR	Silicone



Membrane

Code	04233-04214-04215
Number of slits	28.600
Perforation [mm]	1,0-1,5
Active surface [m²]	0,240
Average thickness [mm]	1,9
Tensile strength [Kg/cm²]	>60
Elongation at break [%]	400
Hardness [Shore A]	40
Plasticizer content [%]	35

NOTES

SOTE according to ANSI/ASCE-06 (EN 12255-15)
Tolerances on the thickness $\pm 0,2$ mm
Tensile strenght according to ISO 37 type 1
Elongation at break ISO 37 type 1
End support is suggested in case of installation with mixers