MALCON MARINE AND LAND CONSTRUCTION

Semiflexible double duct silencer SLFA 25



Description

SLFA 25 is a flexible silencer that can be adapted to any installation situation. The bendability of the silencer allows adaptation to very confined spaces and difficult wiring. Silencers are made from 2-layer, flexible aluminum tubes of type SRF. The inner tube is micro-perforated and between the inner and outer tubes is a 25 mm thick attenuation material layer of glass wool.
The ends of the silencer are covered with aluminium gables.
The duct connections fits inside ducts.
SLFA 25 comes in the dimensions Ø80-315 mm and 1000 mm in length.
(Also available in lengths of 750, 1250, 1500 and 2000mm).
The silencers can withstand temperatures up to 200°C.

Advantages

- Small storage and transport volume.

Technical data

Duct materials:

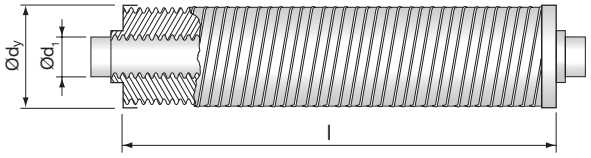
Inner wall:	Aluminium + aluminium (AL)
Insulation:	Glass wool 25 mm
Outer wall:	Aluminium + aluminium
Minimum bending radius:	2 - 3×d
Maximum temperature:	+200°C
Fire resistance:	Not flammable in accordance with DIN 4102 class A1

Order code

Product	SLFA	d	l	C
SLFA				
Connection dim. $Ød_{1\ nom}$				
80 - 315 mm				
Length in mm				
750 - 2000 mm				
Insulation thickness (C)				
25 mm				

Example: SLFA - 160 - 1250 - 25

Dimensions



$Ød_1$ nom mm	l mm	Insertion loss [dB] for centre frequency [Hz] 63	125	250	500	1k	2k	4k	8k	$Ød_y$ mm	m kg
80	750									135	
80	1000	2	6	10	20	38	58	33	28	135	0,80
80	1250									135	
80	1500									135	
80	2000									135	
100	750									160	
100	1000	1	5	8	18	35	58	33	27	160	1,00
100	1250									160	
100	1500									160	
100	2000									160	
125	750									190	
125	1000	1	5	8	18	35	58	33	27	190	1,20
125	1250									190	
125	1500									190	
125	2000									190	
160	750									210	
160	1000	1	2	4	10	23	43	18	14	210	1,40
160	1250									210	
160	1500									210	
160	2000									210	
200	750									260	
200	1000	2	2	4	9	20	27	13	11	260	1,80
200	1250									260	
200	1500									260	
200	2000									260	
250	750									310	
250	1000	1	2	4	9	18	19	9	9	310	2,20
250	1250									310	
250	1500									310	
250	2000									310	
315	750									365	
315	1000	1	2	3	5	11	13	7	8	365	2,80
315	1250									365	
315	1500									365	
315	2000									365	