

Semiflexible double duct silencer SLFA 50



Description

SLFA 50 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 aluminium tubes of type SRF. The inner tube is micro-perforated and between the inner and outer tubes is a 50 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 50 comes in the dimensions Ø80-315 mm and 1000 mm in length. (Also available in lengths of 750, 1250, 1500 and 2000 mm). The silencers can withstand temperatures up to 200 °C.

Advantages

- Small storage and transport volume.

Technical data

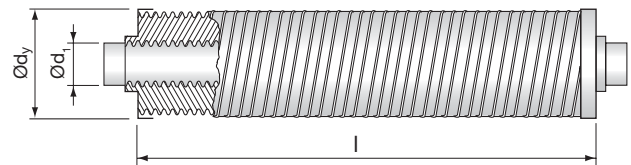
Duct materials:

Inner wall:	Aluminium + aluminium (AL)
Insulation:	Glass wool 50 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

Product	SLFA	aaa	bbbb	50
SLFA				
Connection dim. Ød₁ nom				
80 - 315 mm				
Length in mm				
750 - 2000 mm				
Insulation thickness				
50 mm				

Example: SLFA - 160 - 1250 - 50

Dimensions and sound data



Ød ₁ nom mm	l mm	Insertion loss [dB] for centre frequency [Hz]								Ød _y mm	m kg
		63	125	250	500	1k	2k	4k	8k		
80	750									190	
80	1000	3	13	19	30	47	58	33	28	190	1,10
80	1250									190	
80	1500									190	
80	2000									190	
100	750									210	
100	1000	2	11	16	28	46	58	36	36	210	1,30
100	1250									210	
100	1500									210	
100	2000									210	
125	750									235	
125	1000	1	7	13	24	41	45	29	28	235	1,70
125	1250									235	
125	1500									235	
125	2000									235	
160	750									260	
160	1000	1	5	10	21	39	30	20	18	260	1,90
160	1250									260	
160	1500									260	
160	2000									260	
200	750									310	
200	1000	3	4	9	16	32	22	15	15	310	2,40
200	1250									310	
200	1500									310	
200	2000									310	
250	750									365	
250	1000	2	4	8	16	33	15	11	12	365	3,00
250	1250									365	
250	1500									365	
250	2000									365	
315	750									410	
315	1000	2	3	6	12	25	11	8	11	410	3,40
315	1250									410	
315	1500									410	
315	2000									410	