

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:

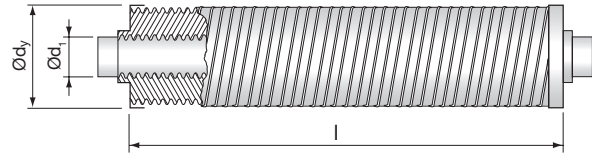
| | |
|-------------------------|--|
| Inner wall: | Aluminium + aluminium (AL) |
| Insulation: | Glass wool 25 mm |
| Outer wall: | Aluminium + aluminium |
| Minimum bending radius: | 2 - 3×d |
| Maximum temperature: | +200°C |
| Fire resistance: | Not flammable in accordance with DIN 4102 class A1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

Order code

| | | | | |
|---|-------------|----------|----------|----------|
| Product | SLFA | d | l | C |
| SLFA | | | | |
| Connection dim. Ød₁ 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] | | | | | | | | Ød _y mm | m kg |
|------------------------|------|---|-----|-----|-----|----|----|----|----|--------------------|------|
| | | 63 | 125 | 250 | 500 | 1k | 2k | 4k | 8k | | |
| 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 | |