

# Extract air terminal device

# SLKNU



## Description

SLKNU is an extract air terminal device consisting of a silencer and conical inlet with wire guard.

Nominal insulation thicknesses are 50 mm or 100 mm.

Attenuation material is mineral wool. The SLKNU's are made of strong outer spiral seemed tube and an inner tube made of sheet steel with small openings to be able to withstand mechanical cleaning and at the same time not interfere with the insertion loss. The space between them is filled with mineral wool and a nonwoven cloth is inserted between inner tube and the attenuation material, to prevent fibres from the insulation getting into the duct system. SLKNU can be cleaned by rotating nylon brushes, vacuum cleaner or damp cloth.

Special materials, sizes and painting on request. Please contact Lindab sales.

## Material and surface treatment

SLKNU is manufactured from galvanized sheet metal and is as standard delivered non-painted. The device can also be painted to order. SLKNU is manufactured from galvanized sheet metal and is as standard delivered non-painted. The device can also be painted to order.

## Order code

| Product  | SLKNU | 200 | 900 | 50 |
|--|-------|-----|-----|----|
| SLKNU  |       |     |     |    |
| <b>Connection (<math>\text{Ø}d_{1\text{nom}}</math>) in mm</b> |       |     |     |    |
| 100 - 400 mm   |       |     |     |    |
| <b>Length (<math>l_{\text{nom}}</math>), in mm</b>             |       |     |     |    |
| 300 - 1200 mm  |       |     |     |    |
| <b>Insulation thickness in mm</b>                              |       |     |     |    |
| 50 or 100 mm   |       |     |     |    |

Example: SLKNU 200 - 900 - 50

## Technical data

To select the appropriate attenuator and optimize connection size and length to achieve the best performance please use our online tool **LindQST**.

[SLKNU on LindQST >>](#)



# Circular straight silencer

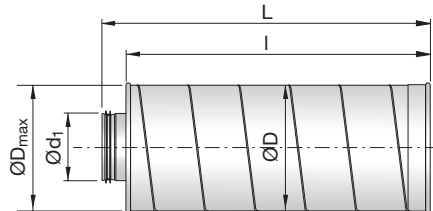
# SLKNU

## Dimensions and sound data

### Dimensions and sound data for silencer with 50 mm insulation.

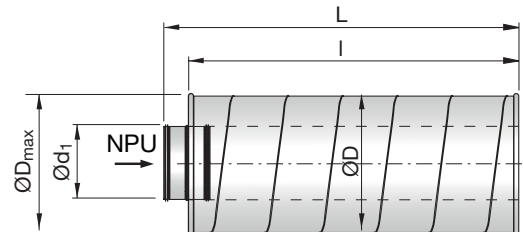
#### $\varnothing \leq 315$

Sizes  $\leq 315$  are supplied with preinstalled Safe-connectors.



#### $\varnothing \geq 400$

Size  $\geq 400$  is supplied with loose NPU-coupling.



| $\varnothing d_1$<br>[nom] | l<br>[nom] | Insertion loss [dB] for centre<br>frequency [Hz] |     |     |     |    |    |    |    | $\varnothing D_{max}$<br>[mm] | $\varnothing D$<br>[mm] | l<br>mm | L<br>[mm] | m<br>kg |
|----------------------------|------------|--|-----|-----|-----|----|----|----|----|-------------------------------|-------------------------|---------|-----------|---------|
|                            |            | 63   | 125 | 250 | 500 | 1k | 2k | 4k | 8k |                               |                         |         |           |         |
| 100                        | 300        | 24   | 18  | 16  | 19  | 23 | 26 | 20 | 11 | 205                           | 200                     | 412     | 452       | 2,32    |
| 100                        | 600        | 26   | 19  | 21  | 29  | 38 | 50 | 34 | 17 | 205                           | 200                     | 712     | 752       | 4,27    |
| 100                        | 900        | 27   | 20  | 25  | 39  | 52 | 51 | 48 | 23 | 205                           | 200                     | 1012    | 1052      | 5,51    |
| 100                        | 1200       | 28   | 21  | 29  | 50  | 52 | 51 | 50 | 29 | 205                           | 200                     | 1312    | 1352      | 6,94    |
| 125                        | 300        | 22   | 16  | 15  | 17  | 17 | 20 | 15 | 10 | 229                           | 224                     | 415     | 455       | 2,69    |
| 125                        | 600        | 23   | 17  | 15  | 27  | 31 | 40 | 22 | 14 | 229                           | 224                     | 715     | 755       | 4,59    |
| 125                        | 900        | 24   | 18  | 21  | 37  | 46 | 50 | 30 | 17 | 229                           | 224                     | 1015    | 1055      | 6,56    |
| 125                        | 1200       | 25   | 19  | 24  | 47  | 51 | 50 | 38 | 21 | 229                           | 224                     | 1315    | 1355      | 8,00    |
| 160                        | 300        | 19   | 14  | 11  | 13  | 13 | 15 | 8  | 8  | 266                           | 260                     | 420     | 460       | 2,99    |
| 160                        | 600        | 20   | 15  | 14  | 22  | 28 | 29 | 14 | 11 | 266                           | 260                     | 720     | 760       | 5,57    |
| 160                        | 900        | 20   | 16  | 17  | 31  | 43 | 43 | 20 | 15 | 266                           | 260                     | 1020    | 1060      | 7,87    |
| 160                        | 1200       | 20   | 17  | 20  | 40  | 51 | 50 | 26 | 19 | 266                           | 260                     | 1320    | 1360      | 9,82    |
| 200                        | 300        | 17   | 12  | 10  | 10  | 11 | 11 | 5  | 5  | 306                           | 300                     | 410     | 450       | 4,03    |
| 200                        | 600        | 18   | 13  | 12  | 18  | 22 | 23 | 9  | 8  | 306                           | 300                     | 710     | 750       | 6,82    |
| 200                        | 900        | 18   | 14  | 13  | 26  | 33 | 34 | 13 | 10 | 306                           | 300                     | 1010    | 1050      | 9,66    |
| 200                        | 1200       | 19   | 15  | 15  | 33  | 44 | 45 | 18 | 13 | 306                           | 300                     | 1310    | 1350      | 11,9    |
| 250                        | 600        | 17   | 11  | 11  | 14  | 17 | 16 | 8  | 6  | 362                           | 355                     | 693     | 753       | 8,43    |
| 250                        | 900        | 17   | 13  | 12  | 21  | 26 | 23 | 10 | 8  | 362                           | 355                     | 993     | 1053      | 11,6    |
| 250                        | 1200       | 18   | 14  | 13  | 27  | 35 | 30 | 12 | 10 | 362                           | 355                     | 1293    | 1353      | 14,9    |
| 315                        | 600        | 12   | 9   | 9   | 12  | 14 | 9  | 4  | 5  | 427                           | 415                     | 701     | 761       | 10,9    |
| 315                        | 900        | 13   | 10  | 10  | 17  | 22 | 12 | 6  | 7  | 427                           | 415                     | 1001    | 1061      | 15,3    |
| 315                        | 1200       | 13   | 10  | 11  | 23  | 30 | 16 | 7  | 9  | 427                           | 415                     | 1301    | 1361      | 20,2    |
| 400                        | 600        | 10   | 8   | 6   | 7   | 8  | 4  | 4  | 4  | 508                           | 500                     | 655     | 735       | 18,9    |
| 400                        | 900        | 11   | 8   | 7   | 11  | 13 | 7  | 5  | 6  | 508                           | 500                     | 955     | 1035      | 24,3    |
| 400                        | 1200       | 11   | 9   | 9   | 15  | 19 | 10 | 7  | 8  | 508                           | 500                     | 1255    | 1335      | 26,7    |

# Circular straight silencer

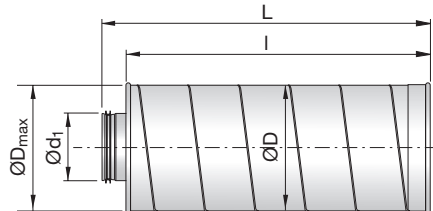
# SLKNU

## Dimensions and sound data

### Dimensions and sound data for silencer with 100 mm insulation.

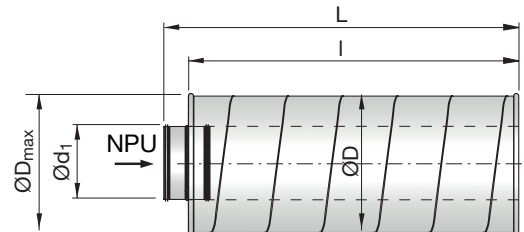
#### $\varnothing \leq 315$

Sizes  $\leq 315$  are supplied with preinstalled Safe-connectors.



#### $\varnothing \geq 400$

Size  $\geq 400$  is supplied with loose NPU-coupling.



| $\varnothing d_1$<br>[nom] | l<br>[nom] | Insertion loss [dB] for centre<br>frequency [Hz] |     |     |     |    |    |    |    | $\varnothing D_{max}$<br>[mm] | $\varnothing D$<br>[mm] | l<br>mm | L<br>[mm] | m<br>kg |
|----------------------------|------------|--|-----|-----|-----|----|----|----|----|-------------------------------|-------------------------|---------|-----------|---------|
|                            |            | 63   | 125 | 250 | 500 | 1k | 2k | 4k | 8k |                               |                         |         |           |         |
| 100                        | 300        | 27   | 20  | 21  | 19  | 20 | 25 | 20 | 11 | 307                           | 300                     | 432     | 472       | 4,31    |
| 100                        | 600        | 30   | 24  | 28  | 30  | 36 | 47 | 38 | 19 | 307                           | 300                     | 732     | 772       | 7,04    |
| 100                        | 900        | 33   | 27  | 35  | 41  | 52 | 51 | 50 | 26 | 307                           | 300                     | 1032    | 1072      | 11,0    |
| 100                        | 1200       | 36   | 30  | 42  | 52  | 52 | 51 | 50 | 33 | 307                           | 300                     | 1332    | 1372      | 13,2    |
| 125                        | 300        | 25   | 18  | 18  | 15  | 17 | 19 | 15 | 10 | 322                           | 315                     | 427     | 467       | 4,94    |
| 125                        | 600        | 27   | 21  | 25  | 24  | 29 | 37 | 24 | 14 | 322                           | 315                     | 727     | 767       | 7,31    |
| 125                        | 900        | 29   | 24  | 31  | 33  | 42 | 50 | 33 | 18 | 322                           | 315                     | 1027    | 1067      | 11,6    |
| 125                        | 1200       | 32   | 27  | 38  | 42  | 51 | 50 | 42 | 22 | 322                           | 315                     | 1327    | 1367      | 14,4    |
| 160                        | 300        | 22   | 15  | 13  | 11  | 12 | 14 | 9  | 8  | 362                           | 355                     | 439     | 479       | 5,40    |
| 160                        | 600        | 23   | 18  | 20  | 19  | 24 | 28 | 15 | 12 | 362                           | 355                     | 739     | 779       | 9,19    |
| 160                        | 900        | 24   | 21  | 27  | 27  | 35 | 42 | 21 | 16 | 362                           | 355                     | 1039    | 1079      | 12,7    |
| 160                        | 1200       | 26   | 24  | 34  | 35  | 47 | 50 | 28 | 20 | 362                           | 355                     | 1339    | 1379      | 17,1    |
| 200                        | 300        | 20   | 14  | 11  | 8   | 10 | 11 | 6  | 6  | 408                           | 400                     | 434     | 474       | 7,37    |
| 200                        | 600        | 21   | 16  | 16  | 16  | 20 | 22 | 10 | 8  | 408                           | 400                     | 734     | 774       | 10,3    |
| 200                        | 900        | 22   | 19  | 22  | 23  | 30 | 33 | 14 | 11 | 408                           | 400                     | 1034    | 1074      | 14,9    |
| 200                        | 1200       | 23   | 21  | 27  | 31  | 39 | 45 | 18 | 13 | 408                           | 400                     | 1334    | 1374      | 19,0    |
| 250                        | 600        | 20   | 14  | 14  | 12  | 16 | 16 | 8  | 7  | 462                           | 450                     | 749     | 809       | 10,3    |
| 250                        | 900        | 21   | 16  | 19  | 19  | 25 | 23 | 10 | 9  | 462                           | 450                     | 1049    | 1109      | 17,6    |
| 250                        | 1200       | 21   | 18  | 24  | 26  | 34 | 30 | 13 | 11 | 462                           | 450                     | 1349    | 1409      | 22,5    |
| 315                        | 600        | 13   | 11  | 10  | 10  | 12 | 10 | 5  | 6  | 508                           | 500                     | 735     | 795       | 14,3    |
| 315                        | 900        | 14   | 13  | 15  | 15  | 19 | 15 | 7  | 8  | 508                           | 500                     | 1035    | 1095      | 19,4    |
| 315                        | 1200       | 14   | 15  | 19  | 19  | 26 | 21 | 9  | 10 | 508                           | 500                     | 1335    | 1395      | 25,4    |
| 400                        | 600        | 11   | 10  | 7   | 6   | 7  | 4  | 4  | 4  | 615                           | 600                     | 702     | 782       | 20,2    |
| 400                        | 900        | 13   | 12  | 10  | 10  | 13 | 7  | 5  | 6  | 615                           | 600                     | 1002    | 1082      | 29,6    |
| 400                        | 1200       | 14   | 13  | 14  | 14  | 19 | 10 | 6  | 7  | 615                           | 600                     | 1302    | 1382      | 37,7    |