

# Circular straight silencer

SLU

## Dimensions and sound data

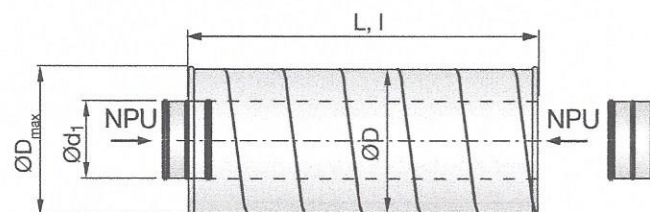
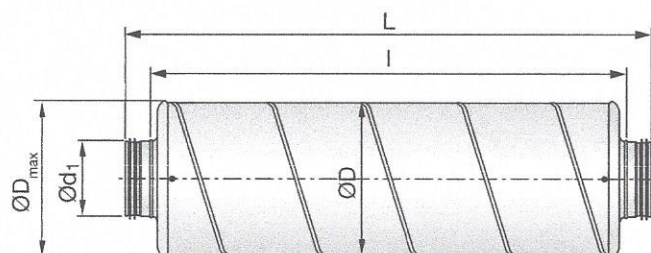
Dimensions and sound data for silencer with 50 mm insulation.

$\varnothing \leq 315$

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

$\varnothing \geq 400$

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



| $\varnothing d_1$<br>[mm] | $l_{nom}$<br>[mm] | Insertion loss [dB] for centre<br>frequency [Hz] |     |     |     |    |    |    |    | $\varnothing D_{max}$<br>[mm] | $\varnothing D$<br>[mm] | $I$<br>[mm] | $L$<br>[mm] | $m$<br>[kg] |
|---------------------------|-------------------|--------------------------------------------------|-----|-----|-----|----|----|----|----|-------------------------------|-------------------------|-------------|-------------|-------------|
|                           |                   | 63                                               | 125 | 250 | 500 | 1k | 2k | 4k | 8k |                               |                         |             |             |             |
| 63                        | 300               | 0                                                | 6   | 13  | 21  | 32 | 44 | 36 | 26 | 165                           | 160                     | 300         | 378         | 1,5         |
| 63                        | 600               | 0                                                | 7   | 20  | 35  | 50 | 50 | 50 | 34 | 165                           | 160                     | 600         | 678         | 2,7         |
| 80                        | 300               | 1                                                | 5   | 8   | 15  | 25 | 25 | 21 | 15 | 185                           | 180                     | 300         | 378         | 2,0         |
| 80                        | 600               | 2                                                | 8   | 14  | 28  | 49 | 50 | 47 | 24 | 185                           | 180                     | 600         | 678         | 3,4         |
| 80                        | 900               | 3                                                | 10  | 21  | 40  | 50 | 50 | 50 | 34 | 185                           | 180                     | 900         | 978         | 4,9         |
| 80                        | 1200              | 4                                                | 13  | 27  | 50  | 50 | 50 | 50 | 43 | 185                           | 180                     | 1200        | 1278        | 6,4         |
| 100                       | 300               | 1                                                | 5   | 7   | 15  | 25 | 25 | 21 | 13 | 205                           | 200                     | 355         | 432         | 2,1         |
| 100                       | 600               | 1                                                | 7   | 12  | 25  | 43 | 48 | 35 | 20 | 205                           | 200                     | 655         | 732         | 3,5         |
| 100                       | 900               | 2                                                | 10  | 17  | 34  | 50 | 50 | 49 | 28 | 205                           | 200                     | 955         | 1032        | 5,0         |
| 100                       | 1200              | 3                                                | 12  | 22  | 44  | 50 | 50 | 50 | 35 | 205                           | 200                     | 1255        | 1332        | 6,5         |
| 125                       | 300               | 0                                                | 4   | 5   | 13  | 23 | 20 | 16 | 11 | 229                           | 224                     | 370         | 448         | 2,6         |
| 125                       | 600               | 1                                                | 5   | 10  | 22  | 39 | 37 | 26 | 16 | 229                           | 224                     | 670         | 748         | 4,3         |
| 125                       | 900               | 1                                                | 7   | 14  | 30  | 50 | 50 | 37 | 21 | 229                           | 224                     | 970         | 1048        | 6,0         |
| 125                       | 1200              | 2                                                | 9   | 18  | 39  | 50 | 50 | 47 | 26 | 229                           | 224                     | 1270        | 1348        | 7,7         |
| 160                       | 300               | 0                                                | 3   | 5   | 11  | 22 | 16 | 11 | 7  | 266                           | 260                     | 375         | 454         | 2,7         |
| 160                       | 600               | 1                                                | 4   | 8   | 19  | 37 | 28 | 17 | 11 | 266                           | 260                     | 675         | 754         | 4,7         |
| 160                       | 900               | 1                                                | 5   | 12  | 27  | 50 | 39 | 24 | 14 | 266                           | 260                     | 975         | 1054        | 6,7         |
| 160                       | 1200              | 2                                                | 6   | 15  | 35  | 50 | 50 | 30 | 17 | 266                           | 260                     | 1275        | 1354        | 8,6         |
| 200                       | 300               | 0                                                | 2   | 4   | 9   | 19 | 11 | 7  | 5  | 306                           | 300                     | 390         | 468         | 3,8         |
| 200                       | 600               | 1                                                | 3   | 8   | 15  | 28 | 19 | 12 | 8  | 306                           | 300                     | 690         | 768         | 6,2         |
| 200                       | 900               | 2                                                | 4   | 11  | 21  | 37 | 28 | 16 | 10 | 306                           | 300                     | 990         | 1068        | 8,7         |
| 200                       | 1200              | 2                                                | 5   | 14  | 27  | 46 | 36 | 21 | 13 | 306                           | 300                     | 1290        | 1368        | 11,1        |
| 250                       | 300               | 0                                                | 1   | 3   | 7   | 15 | 8  | 5  | 5  | 362                           | 355                     | 300         | 418         | 4,9         |
| 250                       | 600               | 1                                                | 2   | 6   | 14  | 26 | 14 | 8  | 7  | 362                           | 355                     | 600         | 718         | 7,9         |
| 250                       | 900               | 1                                                | 3   | 9   | 19  | 38 | 19 | 11 | 9  | 362                           | 355                     | 900         | 1018        | 10,9        |
| 250                       | 1200              | 2                                                | 4   | 11  | 24  | 50 | 24 | 13 | 11 | 362                           | 355                     | 1200        | 1318        | 13,9        |
| 315                       | 300               | 0                                                | 1   | 2   | 6   | 12 | 5  | 4  | 4  | 427                           | 415                     | 310         | 430         | 6,5         |
| 315                       | 600               | 0                                                | 2   | 4   | 10  | 22 | 9  | 6  | 7  | 427                           | 415                     | 610         | 730         | 10,1        |
| 315                       | 900               | 2                                                | 3   | 7   | 16  | 31 | 13 | 8  | 9  | 427                           | 415                     | 910         | 1030        | 13,6        |
| 315                       | 1200              | 2                                                | 3   | 8   | 20  | 39 | 16 | 9  | 10 | 427                           | 415                     | 1210        | 1330        | 17,2        |
| 400                       | 300               | 0                                                | 1   | 2   | 3   | 3  | 2  | 3  | 1  | 508                           | 500                     | 300         | 300         | 7,9         |
| 400                       | 600               | 0                                                | 2   | 4   | 8   | 10 | 5  | 4  | 4  | 508                           | 500                     | 600         | 600         | 12,9        |
| 400                       | 900               | 0                                                | 2   | 5   | 12  | 16 | 7  | 5  | 6  | 508                           | 500                     | 900         | 900         | 18,0        |
| 400                       | 1200              | 0                                                | 2   | 7   | 16  | 20 | 9  | 6  | 7  | 508                           | 500                     | 1200        | 1200        | 23,0        |

There is given max. attenuation values of 50 dB in the table above.