

# Circular straight silencer

# SLU 100



## Description

SLU 100 is a circular straight silencer with a connection diameter available between 315 - 800 mm. For smaller sizes, see SLU 50.

Nominal insulation thickness 100 mm. Attenuation material is mineral wool. The SLU's are made of an outer spiral seamed tube and an inner tube made of perforated sheet steel. The space between them is filled with mineral wool and a fibre cloth is inserted between the perforated sheet metal and the attenuation material, to prevent damage to the insulation material and fibers from getting into the duct system.

Tested according to ISO 7235 standard.

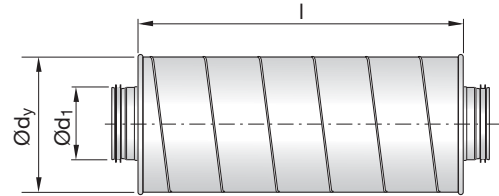
Special materials and sizes, please contact Lindab sales.

## Order code

<b>Product</b>	<b>SLU</b>	<b>aaa</b>	<b>bbbb</b>	<b>100</b>
SLU				
<b>Connection dim. <math>\varnothing d_{1nom}</math></b>				
315 - 800 mm				
<b>Length in mm (<math>l_{nom}</math>)</b>				
600 - 1500				
<b>Insulation thickness</b>				
100 mm				

Example: SLU - 315 - 1200 - 100

## Dimensions and sound data



$\varnothing d_{1nom}$ mm	$l_{nom}$ mm	Insertion loss [dB] for centre frequency [Hz]								$\varnothing d_y$ mm	$l$ mm	$m$ kg
		63	125	250	500	1k	2k	4k	8k			
315	600	2	5	9	14	12	6	4	5	510	600	12,0
315	900	3	6	13	20	19	10	6	7	510	900	18,0
315	1200	4	8	16	27	25	15	9	10	510	1200	24,0
400 * 600	4	5	8	10	7	4	4	6	625	600	16,0	
400 * 900	4	5	10	17	13	6	6	8	625	900	22,0	
400 * 1200	6	6	13	24	18	8	7	10	625	1200	32,0	
500 * 900	4	4	10	14	8	4	6	6	735	900	26,0	
500 * 1200	3	5	11	21	12	6	7	9	735	1200	39,0	
630 * 900	2	3	7	12	5	4	4	5	880	900	44,0	
630 * 1200	2	4	8	17	7	4	5	7	880	1200	56,0	
800 * 1200	2	3	8	11	5	4	5	6	1030	1200	69,0	
800 * 1500	2	3	10	16	6	5	6	7	1030	1500	86,0	

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

\* Supplied with two loose couplings (Type NPU).

## Technical data

