

SLCBU100

Circular straight silencer
with baffle



Circular straight silencer with baffle SLCBU100



Description

Fire classes without protective distance: EI 60, E 120

Fire classes with protective distance to
(According to Swedish regulations):

evacuation person:
2,5 kW/m² EI 120 at distance 50 mm

combustible materials:
10 kW/m² EI 120 at distance 50 mm

Circular straight silencer with 100 mm insulation provided with 100 mm thick baffle. This gives very good attenuation across the entire range. Used when the acoustic requirements exceed the performance capabilities of the SLCU.

Specially suitable for the large dimensions.

Tested according to ISO 7235 standard.

Special materials and sizes, please contact Lindab sales.

To select the appropriate silencer and optimize connection size and length for the best performance you can use our online tool lindQST or our free to download software DIMsilencer.

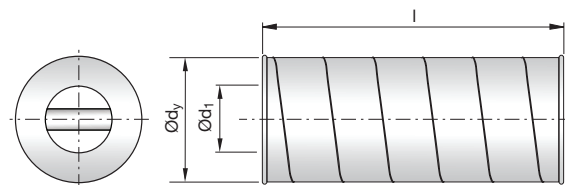
Order

Product	SLCBU	aaa	bbbb	100
SLCBU				
Connection dim. Ød _{1 nom}				
315 - 800 mm				
Length in mm (l _{nom})				
600 - 1500 mm				
Insulation thickness				
100 mm				

Example: SLCBU - 315 - 1200 - 100



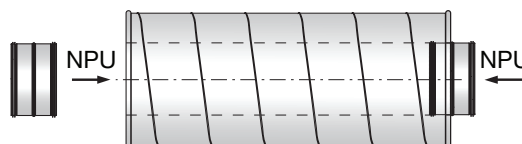
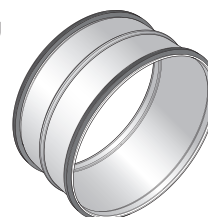
Dimensions and sound data



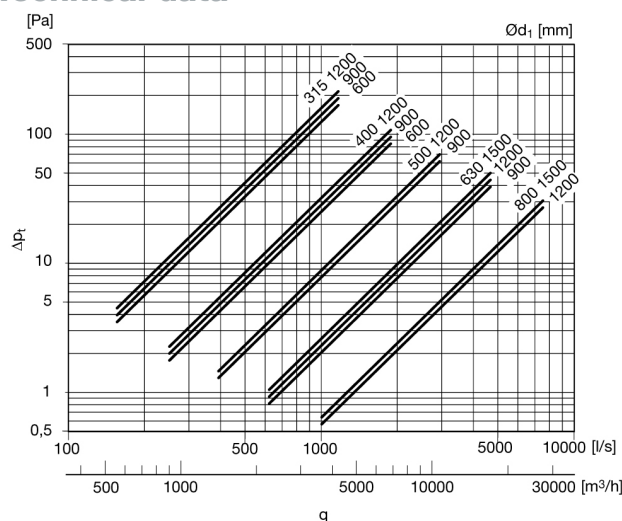
Ød _{1 nom} [mm]	l _{nom} [mm]	Insertion loss [dB] for centre frequency [Hz]								Ød _y [mm]	m [kg]	
		63	125	250	500	1k	2k	4k	8k			
315	*	600	4	6	10	16	22	28	27	18	510	18,3
315	*	900	5	7	16	23	30	38	32	22	510	25,1
315	*	1200	7	9	23	30	38	47	37	25	510	32,6
400		600	4	5	7	9	13	16	15	13	625	22,5
400		900	5	7	12	16	22	26	20	16	625	32,7
400		1200	6	10	18	23	31	36	25	19	625	41,7
500		900	4	6	9	12	17	20	15	13	735	37,8
500		1200	4	8	13	18	24	28	17	16	735	48,8
630		900	3	6	6	9	13	13	11	10	880	48,0
630		1200	3	8	10	13	18	18	12	12	880	59,3
630		1500	4	10	13	17	23	22	13	13	880	70,4
800		1200	2	4	8	10	13	12	9	8	1030	81,8
800		1500	2	5	11	12	17	15	10	10	1030	100

* Size 315 is supplied with preinstalled Safe-connectors. Other sizes are supplied with loose NPU-couplings, see below.

NPU



Technical data





Good Thinking

At Lindab, good thinking is a philosophy that guides us in everything we do. We have made it our mission to create a healthy indoor climate – and to simplify the construction of sustainable buildings. We do that by designing innovative products and solutions that are easy to use, as well as offering efficient availability and logistics. We are also working on ways to reduce our impact on our environment and climate. We do that by developing methods to produce our solutions using a minimum of energy and natural resources, and by reducing negative effects on the environment. We use steel in our products. It's one of few materials that can be recycled an infinite number of times without losing any of its properties. That means less carbon emissions in nature and less energy wasted.

We simplify construction