

Circular straight silencer with baffle SLBGU



Description

SLBGU is a circular straight silencer with centre splitter.

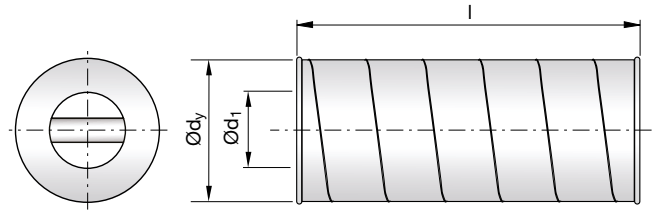
Nominal insulation thickness is 100 mm provided with 100 mm thick baffle. This gives very good attenuation across the entire range. Used when the acoustic requirements exceed the performance capabilities of the SLGU. Especially suitable for the large dimensions.

Attenuation material is mineral wool. The SLBGU are made of strong outer spiral seemed tube and an inner tube made of 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. Silencer can be cleaned by rotating nylon brushes, vacuum cleaner or damp cloth.

Technical data for insertion loss, pressure drop and self-generated noise based on test conducted in accordance with ISO 7235.

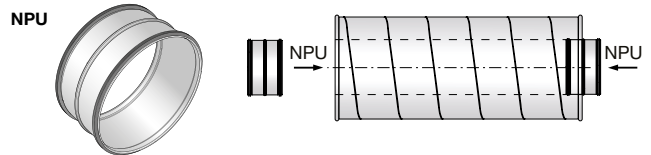
Special materials and sizes, please contact Lindab sales.

Dimensions and sound data



Ød ₁ [nom]	l [nom]	Insertion loss [dB] for centre frequency [Hz]								Ød ₂ m	
		63	125	250	500	1k	2k	4k	8k	[mm]	[kg]
315	900	6	9	20	34	39	44	34	22	510	25,5
315	1200	7	12	27	39	50	50	45	27	510	33,6
400	900	4	6	13	22	24	26	20	17	625	29,9
400	1200	6	9	19	29	33	35	24	19	625	39,5
400	1500	7	12	25	38	42	44	29	22	625	48,7
500	900	4	6	13	17	19	19	12	12	735	34,3
500	1200	4	8	19	24	26	26	17	15	735	45,1
500	1500	4	9	25	31	33	33	20	18	735	55,7
630	900	3	4	10	12	14	12	10	10	880	43,2
630	1200	3	7	14	17	18	17	12	12	880	56,7
630	1500	4	8	19	23	23	20	14	14	880	69,9
800	1200	2	4	11	12	13	11	9	8	1030	74,3
800	1500	2	5	15	17	16	14	10	9	1030	91,6

Size 315 is supplied with preinstalled Safe-connectors.
Size 400–800 is supplied with loose NPU-couplings.



Order code

Product	SLBGU	d	l	t
SLBGU				
Connection (d) in mm (Ød_{1nom})				
315 - 800 mm				
Length (l), in mm (l_{nom})				
900 - 1500 mm				
Insulation thickness (t) in mm				
100 mm				

Example: SLBGU 315 - 1200 - 100

LindQST

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. Visit www.lindQST.com.



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SLBGU

Technical data

