

Circular straight silencer with baffle SLBGU100



Description

Fire classes without protective distance: EI 15, E 60

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

evacuation person:
2,5 kW/m² EI 60 at distance 50 mm (Ø<400)
EI 30 at distance 50 mm (Ø<800)
EI 60 at distance 500 mm (Ø>400–800)

combustible materials:
10 kW/m² EI 60 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 SLGU.

Specially suitable for the large dimensions.

Tested according to ISO 7235 standard.

Special materials and sizes, please contact to 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.

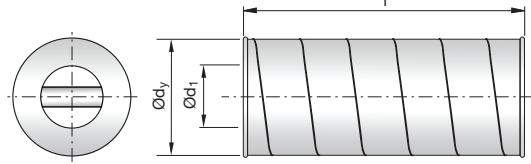
Order

Product	SLBGU	d	l	C
SLBGU				
Connection dim. Ød₁ nom				
315 - 800 mm				
Length in mm (l_{nom})				
900 - 1500 mm				
Insulation thickness (C)				
100 mm				

Example: SLBGU - 315 - 1200 - 100



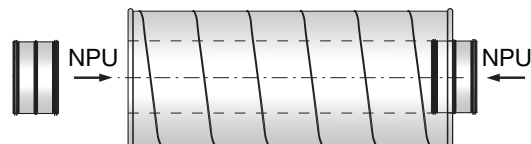
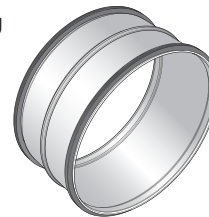
Dimensions and sound data



Ød ₁ nom [mm]	l _{nom} [mm]	Insertion loss [dB] for centre frequency [Hz]								Ødy [mm]	m [kg]
		63	125	250	500	1k	2k	4k	8k		
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. Other sizes are supplied with loose NPU-couplings, see below.

NPU



Technical data

