

Circular straight silencer

SLGU



Description

SLGU is a circular straight silencer

Nominal insulation thicknesses are 100 mm or 150 mm.

Attenuation material is mineral wool. The SLGU are made of strong outer spiral seamed 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.

Technical data

To select the appropriate attenuator and optimize connection size and length to achieve the best performance please use our online tool **LindQST**.

[SLGU on LindQST >>](#)

Order code

Product	SLGU	200	900	100
SLGU				
Connection ($\varnothing d_{1\text{nom}}$) in mm				
80 - 800 mm (100 mm insulation)				
80 - 250 mm (150 mm insulation)				
Length (l_{nom}) in mm				
300 - 1500 mm (100 mm insulation)				
900 - 1200 mm (150 mm insulation)				
Insulation thickness in mm				
100 or 150 mm				

Example: SLGU 200 - 900 - 100



Circular straight silencer

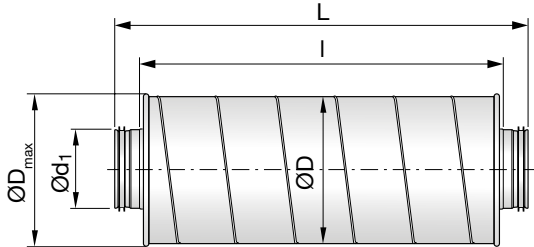
SLGU

Dimensions and sound data

Dimensions and sound data for silencer with 100 mm insulation.

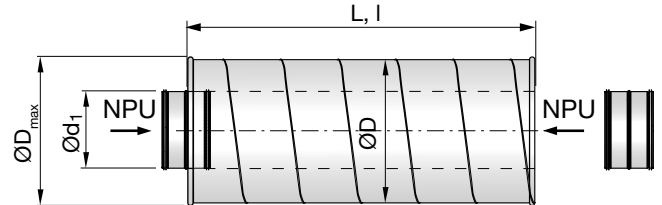
$\varnothing \leq 315$

Sizes ≤ 315 are supplied with preinstalled Safe-connectors.



$\varnothing \geq 400$

Size ≥ 400 is supplied with loose NPU-couplings.



\varnothing_d nom	I nom	Insertion loss [dB] for centre frequency [Hz]								$\varnothing D_{max}$ [mm]	$\varnothing D$ [mm]	I [mm]	L [mm]	m kg
		63	125	250	500	1k	2k	4k	8k					
80	300	4	8	11	17	25	30	28	15	291	280	290	368	3,00
80	600	6	15	23	34	50	50	50	25	291	280	590	668	5,30
80	900	9	22	35	50	50	50	50	36	291	280	890	968	7,60
100	300	2	7	10	15	20	25	21	13	307	300	300	380	3,40
100	600	4	13	20	28	40	49	36	20	307	300	600	680	6,10
100	900	7	20	30	41	50	50	50	27	307	300	900	980	8,80
125	300	1	7	9	16	19	19	15	10	322	315	300	380	3,20
125	600	3	11	17	26	38	38	25	15	322	315	600	680	5,90
125	900	4	15	25	36	50	50	35	20	322	315	900	980	8,50
125	1200	6	19	33	46	50	50	45	25	322	315	1200	1280	11,2
160	300	1	6	9	14	16	14	10	7	362	355	300	380	4,20
160	600	3	8	15	23	29	29	17	11	362	355	600	680	7,50
160	900	4	11	21	32	43	44	25	14	362	355	900	980	10,7
160	1200	5	14	27	41	50	50	32	18	362	355	1000	1280	14,0
200	600	3	7	14	21	24	21	12	9	408	400	600	680	10,6
200	900	5	10	20	33	38	30	16	11	408	400	900	980	15,3
200	1200	6	12	26	45	50	40	20	13	408	400	1200	1280	20,0
250	600	3	5	11	17	19	15	8	7	462	450	600	718	12,2
250	900	4	8	17	27	30	21	11	9	462	450	900	1018	17,7
250	1200	5	10	23	37	41	26	14	11	462	450	1200	1318	23,2
315	600	2	5	9	17	16	9	6	6	508	500	600	715	15,7
315	900	3	6	14	23	24	13	8	8	508	500	900	1015	23,0
315	1200	4	8	18	29	32	17	10	11	508	500	1200	1315	30,1
400	900	4	5	10	11	14	7	6	8	615	600	900	900	27,4
400	1200	5	6	13	16	17	9	7	9	615	600	1200	1200	35,9
400	1500	5	8	15	20	20	11	8	11	615	600	1500	1500	44,3
500	900	3	5	10	11	9	5	6	7	725	710	900	900	31,4
500	1200	3	6	14	16	13	7	7	9	725	710	1200	1200	41,0
500	1500	4	7	17	21	17	9	7	11	725	710	1500	1500	50,6
630	1200	3	5	11	12	8	5	5	7	877	850	900	900	51,9
630	1500	3	6	14	16	11	6	6	9	877	850	1200	1200	64,0
800	1200	2	3	9	8	5	4	5	5	1025	1000	1200	1200	68,7
800	1500	2	4	11	12	6	5	6	6	1025	1000	1500	1500	84,7

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



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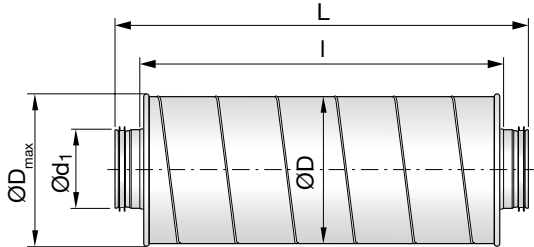
SLGU

Dimensions and sound data

Dimensions and sound data for silencer with 150 mm insulation.

$\varnothing \leq 315$

Sizes ≤ 315 are supplied with preinstalled Safe-connectors.



Ød ₁ nom	l nom	Insertion loss [dB] for centre frequency [Hz]								ØD _{max} [mm]	ØD [mm]	l [mm]	L [mm]	m kg
		63	125	250	500	1k	2k	4k	8k					
80	900	15	30	41	50	50	50	50	34	408	400	900	975	13,6
80	1000	15	30	41	50	50	50	50	34	408	400	1000	1075	13,6
100	900	10	26	36	48	50	50	48	26	408	400	900	975	14,1
100	1000	10	26	36	48	50	50	48	26	408	400	1000	1075	14,1
125	900	8	20	31	45	49	49	36	19	462	450	600	678	15,9
125	1000	8	20	31	45	49	49	36	19	462	450	1000	1078	15,9
125	1200	13	30	38	48	50	50	45	24	462	450	1200	1278	20,9
160	900	6	15	25	38	48	45	23	14	462	450	600	678	16,7
160	1000	6	15	25	38	48	45	23	14	462	450	1000	1078	16,7
160	1200	11	21	31	47	50	50	30	16	462	450	1200	1278	22,1
200	900	8	15	23	33	38	30	16	11	508	500	900	975	19,7
200	1000	8	15	23	33	38	30	16	11	508	500	1000	1075	19,7
200	1200	10	19	28	43	49	39	21	13	508	500	1200	1275	25,9
250	900	8	12	19	27	31	21	11	10	574	560	900	1018	22,6
250	1000	8	12	19	27	31	21	11	10	574	560	1000	1118	22,6
250	1200	9	15	26	36	41	26	14	11	574	560	1200	1318	29,8

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