

# Kör egyenes hangcsillapító központi magga

SLGPU



## Technical data

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

[SLGPU on LindQST >>](#)

## Description

SLGPU 100 is a circular straight silencer with a centre pod.

Nominal insulation thickness is 100 mm. 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 SLGPU 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.

## Order code

Product	SLGPU	400	900	100
SLGPU				
<b>Connection (<math>\varnothing d_{1, \text{nom}}</math>) in mm</b>				
315 - 1250 mm				
<b>Length (<math>l_{\text{nom}}</math>) in mm</b>				
600 - 2400 mm				
<b>Insulation thickness in mm</b>				
100 mm				

Example: SLGPU 400 - 900 - 100



# Circular straight silencer with pod

# SLGPU

## Dimensions and sound data

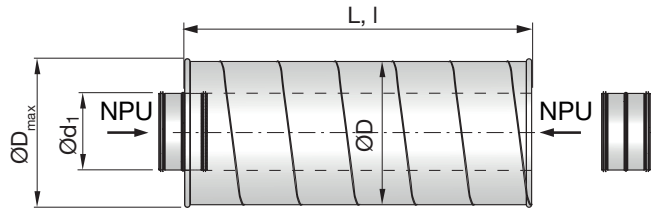
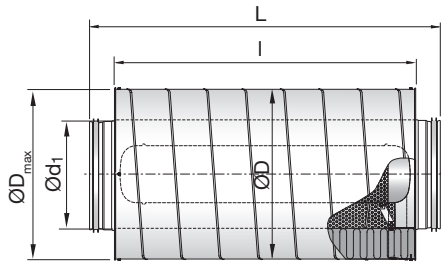
Dimensions and sound data for silencer with 100 mm insulation.

### Ø ≤ 315

Sizes ≤ 315 are supplied with preinstalled Safe-connectors.

### Ø ≥ 400

Size ≥ 400 is supplied with loose NPU-couplings.



Ød <sub>1</sub> nom	l nom	Insertion loss [dB] for centre frequency [Hz]								ØD <sub>max</sub> [mm]	ØD [mm]	l [mm]	L [mm]	m kg
		63	125	250	500	1k	2k	4k	8k					
315	600	2	5	11	22	31	35	26	18	508	500	600	715	17
315	900	3	7	15	29	40	44	34	23	508	500	900	1015	23
315	1200	3	8	19	36	46	50	39	26	508	500	1200	1315	29
400	600	2	4	11	21	28	31	23	15	615	600	600	600	21
400	900	3	6	16	30	37	40	30	19	615	600	900	900	28
400	1200	3	7	19	35	37	40	33	22	615	600	1200	1200	36
400	1500	3	9	22	43	44	44	39	25	615	600	1500	1500	44
500	600	1	3	8	18	25	26	20	10	725	710	600	600	25
500	900	2	5	14	27	33	35	24	14	725	710	900	900	34
500	1200	3	6	17	31	37	41	28	17	725	710	1200	1200	44
500	1500	3	7	20	35	39	43	31	20	725	710	1500	1500	54
630	600	1	3	8	17	20	17	15	8	877	850	600	600	44
630	900	2	4	12	20	30	24	19	9	877	850	900	900	44
630	1200	2	5	14	23	37	30	21	12	877	850	1200	1200	56
630	1500	2	6	17	26	42	35	22	13	877	850	1500	1500	68
710	710	1	3	10	12	14	12	9	9	927	900	710	710	44
710	900	2	4	13	16	21	15	11	11	927	900	900	900	55
710	1200	2	5	14	19	25	17	12	12	927	900	1200	1200	69
710	1420	3	6	15	21	28	19	13	13	927	900	1400	1400	77
800	900	3	6	13	20	26	20	15	12	1025	1000	900	900	57
800	1200	3	7	15	25	31	22	17	13	1025	1000	1200	1200	74
800	1500	4	8	19	31	37	27	19	15	1025	1000	1500	1500	85
900	900	2	4	10	20	21	17	13	13	1145	1120	900	900	63
900	1200	3	5	13	25	25	19	14	13	1145	1120	1200	1200	80
900	1500	3	6	16	31	30	21	16	14	1145	1120	1500	1500	89
900	1800	3	7	19	36	34	23	17	14	1145	1120	1800	1800	114
1000	900	2	4	11	23	20	14	12	12	1275	1250	900	900	69
1000	1200	2	5	13	26	23	16	13	13	1275	1250	1200	1200	90
1000	1500	3	6	16	31	27	18	15	15	1275	1250	1500	1500	109
1000	1800	3	7	20	38	34	22	17	17	1275	1250	1800	1800	126
1250	1200	2	4	12	21	17	14	11	10	1525	1500	1200	1200	140
1250	1500	3	5	14	24	20	16	12	11	1525	1500	1500	1500	197
1250	1800	3	7	18	30	25	18	13	11	1525	1500	1800	1800	236
1250	2400	3	8	22	36	30	21	14	12	1525	1500	2400	2400	249

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

