

SLGPU100

Circular straight silencer with pod



Circular straight silencer with pod SLGPU100



Description

SLGPU 100 is a circular straight silencer with pod. Insulation thickness 100 mm. Attenuation material is glass wool. Material galvanized steel. Special materials and sizes, please contact to Lindab sales. Tested according to ISO 7235 standard. 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.

Note: The fire classification below are according to Swedish regulation and valid only in Sweden.

Fire classes without protective distance: EI 15, E 60
 Fire classes with protective distance to:

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

Order code

Product	SLGPU	aaa	bbbb	100
SLGPU				
Connection dim. Ød_{1nom}				
315 - 1250 mm				
Length in mm (l_{nom})				
600 - 2400 mm				
Insulation thickness				
100 mm				

Example: SLGPU - 400 - 900 - 100

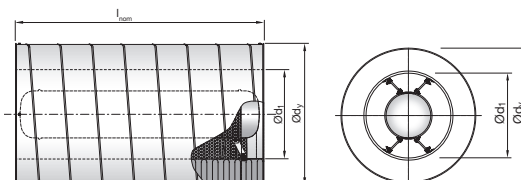


Dimensions and sound data

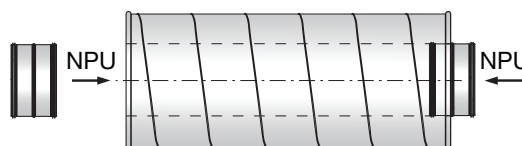
Ød _{1 nom} [mm]	l _{nom} [mm]	Insertion loss [dB] for centre frequency [Hz]								Ød _y [mm]	m [kg]	
		63	125	250	500	1k	2k	4k	8k			
315	*	600	2	5	11	22	31	35	26	18	510	17
315	*	900	3	7	15	29	40	44	34	23	510	23
315	*	1200	3	8	19	36	46	50	39	26	510	29
400		600	2	4	11	21	28	31	23	15	625	21
400		900	3	6	16	30	37	40	30	19	625	28
400		1200	3	7	19	35	37	40	33	22	625	36
400		1500	3	9	22	43	44	44	39	25	625	44
500		600	1	3	8	18	25	26	20	10	735	25
500		900	2	5	14	27	33	35	24	14	735	34
500		1200	3	6	17	31	37	41	28	17	735	44
500		1500	3	7	20	35	39	43	31	20	735	54
630		600	1	3	8	17	20	17	15	8	880	44
630		900	2	4	12	20	30	24	19	9	880	44
630		1200	2	5	14	23	37	30	21	12	880	56
630		1500	2	6	17	26	42	35	22	13	880	68
710		710	1	3	10	12	14	12	9	9	930	44
710		900	2	4	13	16	21	15	11	11	930	55
710		1200	2	5	14	19	25	17	12	12	930	69
710		1420	3	6	15	21	28	19	13	13	930	77
800		900	3	6	13	20	26	20	15	12	1030	57
800		1200	3	7	15	25	31	22	17	13	1030	74
800		1500	4	8	19	31	37	27	19	15	1030	85
900		900	2	4	10	20	21	17	13	13	1150	63
900		1200	3	5	13	25	25	19	14	13	1150	80
900		1500	3	6	16	31	30	21	16	14	1150	89
900		1800	3	7	19	36	34	23	17	14	1150	114
1000		900	2	4	11	23	20	14	12	12	1280	69
1000		1200	2	5	13	26	23	16	13	13	1280	90
1000		1500	3	6	16	31	27	18	15	15	1280	109
1000		1800	3	7	20	38	34	22	17	17	1280	126
1250		1200	2	4	12	21	17	14	11	10	1530	140
1250		1500	3	5	14	24	20	16	12	11	1530	197
1250		1800	3	7	18	30	25	18	13	11	1530	236
1250		2400	3	8	22	36	30	21	14	12	1530	249

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

Dimensions



Loose couplings (NPU)



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Technical data

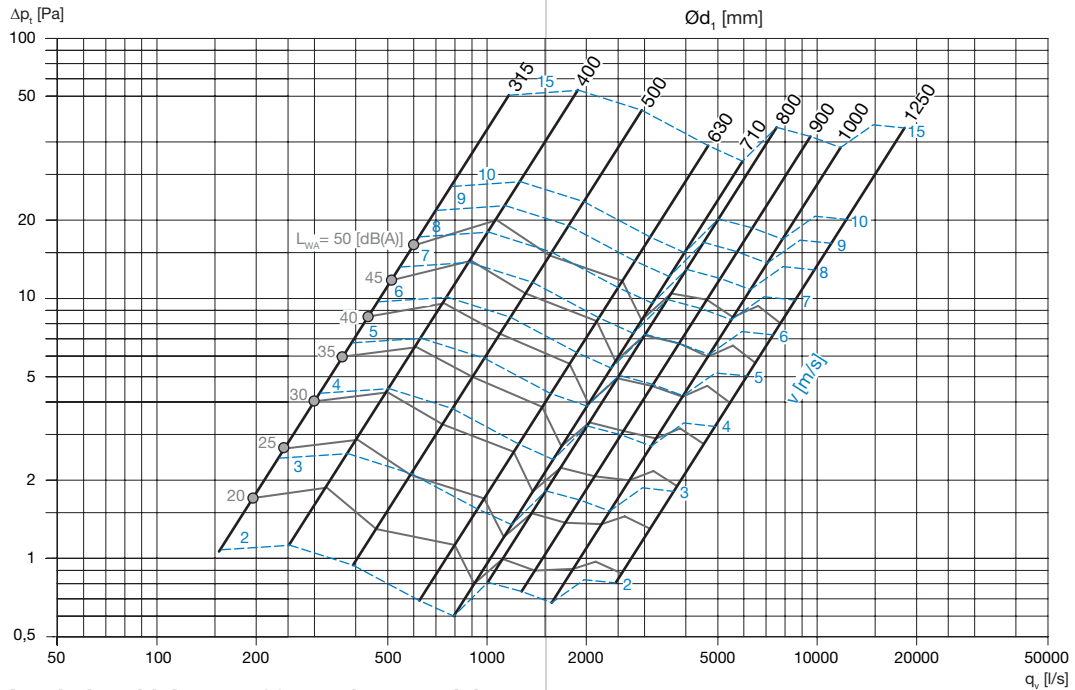
Pressure loss Δp_t [Pa]

SLGPU 100, Insulation thickness 100 mm, short models

$\varnothing d_1$: 315 – 500 mm L = 600 mm

$\varnothing d_1$: 630 – 1000 mm L = 900 mm

$\varnothing d_1$: 1250 mm L = 1200 mm



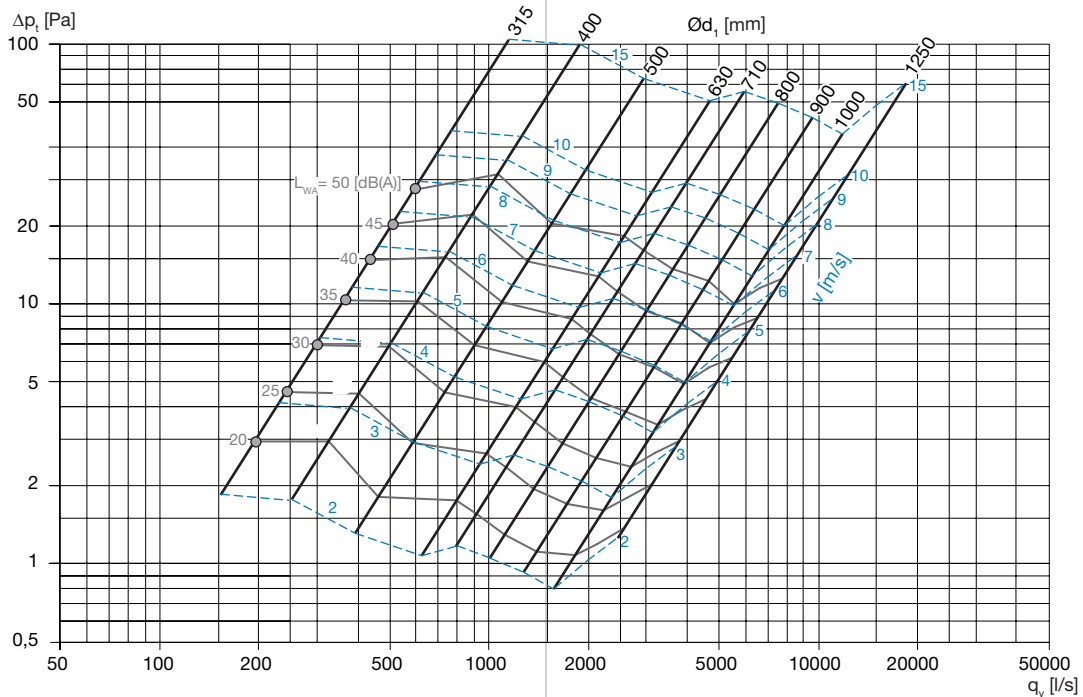
SLGPU 100, Insulation thickness 100 mm, long models

$\varnothing d_1$: 315 – 710 mm L = 1200 mm

$\varnothing d_1$: 800 mm L = 1500 mm

$\varnothing d_1$: 900 – 1000 mm L = 1800 mm;

$\varnothing d_1$: 1250 mm L = 2400 mm





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