

# Circular straight silencer with pod

## SLGPU 100



### 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:

3 kW/m<sup>2</sup> EI 60 at distance 50 mm ( $\varnothing \leq 400$ )  
EI 30 at distance 50 mm ( $\varnothing \geq 400-800$ )  
EI 60 at distance 500 mm ( $\varnothing \geq 400-800$ )

combustible materials:

10 kW/m<sup>2</sup> EI 60 at distance 5 mm  
30 kW/m<sup>2</sup> EI 60 at distance 5 mm

### Order code

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

Example: SLGPU - 400 - 900 - 100

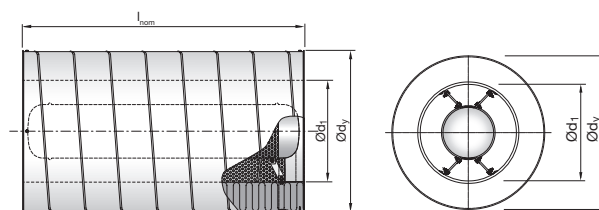


### Dimensions and sound data

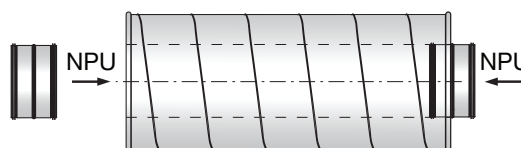
$\varnothing d_{1nom}$ [mm]	$l_{nom}$ [mm]	Insertion loss [dB] for centre frequency [Hz]								$\varnothing d_y$ [mm]	m [kg]
		63	125	250	500	1k	2k	4k	8k		
315	600	2	5	11	22	31	35	26	18	510	17
315	900	3	7	15	29	40	44	34	23	510	23
315	1200	3	8	19	36	46	50	39	26	510	29
400	* 600	2	4	11	21	28	31	23	15	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	3	5	11	21	27	23	17	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

\* Supplied with two loose couplings.

### Dimensions



### Loose couplings (NPU)



# Circular straight silencer with pod

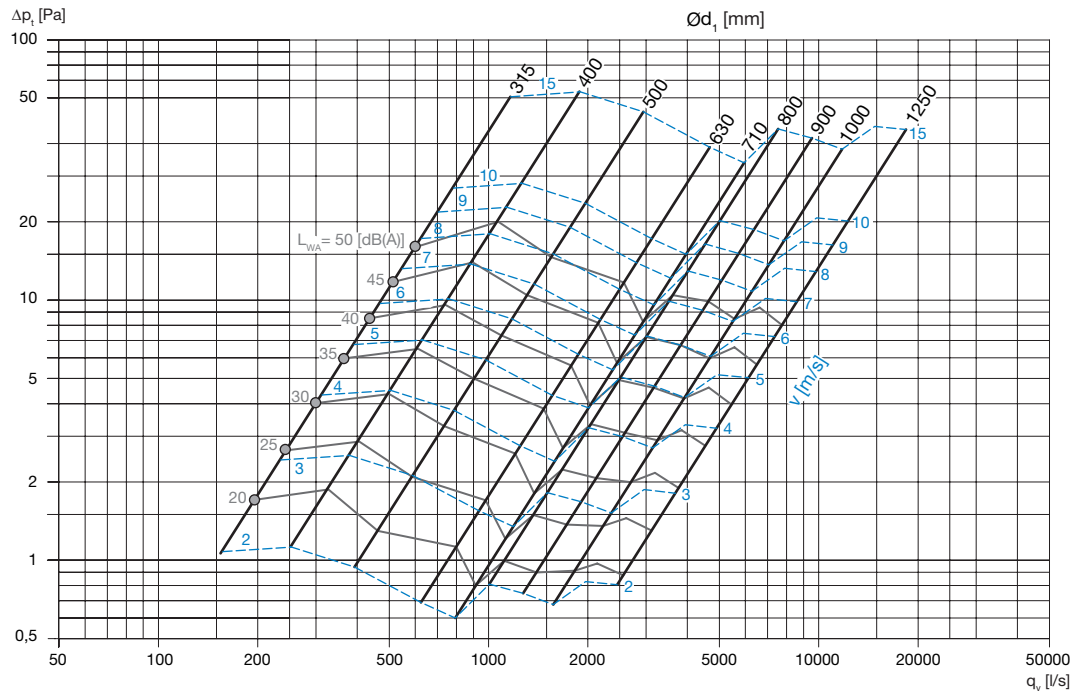
## SLGPU 100

### Technical data

**Pressure loss  $\Delta p_t$  [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

