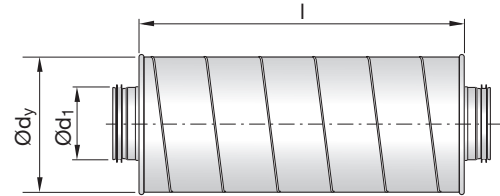


Circular straight silencer

SLCU 100



Dimensions and sound data



Description

Fire classes without protective distance: EI 60, E 120

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

2,5 kW/m² EI 120 at distance 50 mm

combustible materials:

10 kW/m² EI 120 at distance 50 mm

Nominal insulation thickness 100 mm.

Good attenuation in 125 and 250 Hz bands.

Tested according to ISO 7235 standard.

Special materials and sizes, please contact 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.

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		
80	300	10	8	10	16	21	27	24	16	295	4,3
80	600	12	13	19	27	37	50	46	24	295	7,0
80	900	14	18	28	38	50	50	50	33	295	8,9
80	1200	16	23	37	49	50	50	50	42	295	11,6
100	300	5	4	11	14	18	24	20	11	310	4,5
100	600	8	8	18	25	34	46	38	19	310	7,2
100	900	11	11	25	36	50	50	50	26	310	11,2
100	1200	14	14	32	47	50	50	50	33	310	13,4
125	300	5	4	9	11	16	19	15	10	325	5,2
125	600	7	7	16	20	28	37	24	14	325	7,5
125	900	9	10	22	29	41	50	33	18	325	10,8
125	1200	12	13	29	38	50	50	42	22	325	14,6
160	300	4	3	6	8	11	14	9	8	365	5,7
160	600	5	6	13	16	23	28	15	12	365	9,5
160	900	6	9	20	24	34	42	21	16	365	13,0
160	1200	8	12	27	32	46	50	28	20	365	17,4
200	300	4	4	6	6	9	11	6	6	410	7,7
200	600	5	6	11	14	19	22	10	8	410	10,6
200	900	6	9	17	21	29	33	14	11	410	15,3
200	1200	7	11	22	29	38	45	18	13	410	19,4
250	600	6	5	10	11	16	16	8	7	465	10,7
250	900	7	7	15	18	25	23	10	9	465	18,0
250	1200	7	9	20	25	34	30	13	11	465	22,9
315	600	1	4	7	9	12	10	5	6	510	16,3
315	900	2	6	12	14	19	15	7	8	510	22,3
315	1200	2	8	16	18	26	21	9	10	510	29,1
400 *	600	1	5	5	5	7	4	4	4	625	20,6
400 *	900	3	7	8	9	13	7	5	6	625	30,0
400 *	1200	4	8	12	13	19	10	6	7	625	38,1
500 *	900	2	4	7	8	10	5	3	5	735	34,6
500 *	1200	3	7	10	12	14	7	4	6	735	44,7
630 *	900	2	4	5	7	6	4	3	4	880	44,3
630 *	1200	2	6	8	10	9	4	4	5	880	54,5
800 *	1200	2	3	6	7	4	3	4	4	1030	76,2
800 *	1500	2	5	8	10	6	4	4	5	1030	93,2

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

Order code

Product	SLCU	aaa	bbbb	100
SLCU				
Connection dim. Ød_{1 nom}				
80 - 800 mm				
Length in mm (l_{nom})				
300 - 1500 mm				
Insulation thickness				
100 mm				

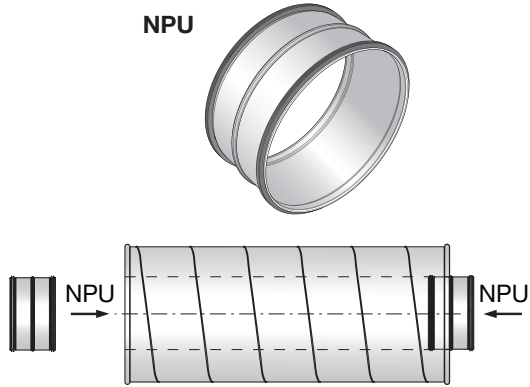
Example: SLCU - 200 - 1200 - 100



Circular straight silencer

SLCU 100

* Supplied with two loose couplings (Type NPU).



Technical data

