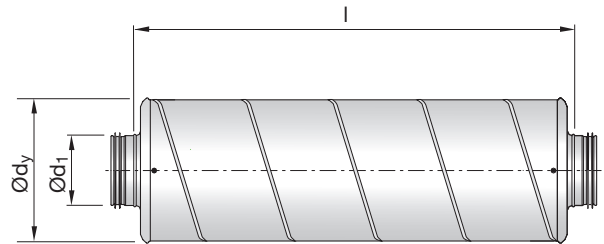


# Circular straight silencer

# SLCU 50



## Dimensions and sound data



### Description

Fire classes without protective distance: EI 30, E 120 Fire classes (According to Swedish regulations) with protective distance to :

evacuation person:  
2,5kW/m<sup>2</sup> EI 120 at distance 50 mm

combustible materials:  
10kW/m<sup>2</sup> EI 120 at distance 50 mm

Nominal insulation thickness 50 mm.

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 <sub>1 nom</sub> [mm]	l <sub>nom</sub> [mm]	Insertion loss [dB] for centre frequency [Hz]										Ød <sub>y</sub> [mm]	l [mm]	m [kg]
		63	125	250	500	1k	2k	4k	8k					
63	300	0	6	11	18	28	39	40	24	170	300	1,6		
63	600	0	5	15	25	48	49	49	33	170	600	2,6		
80	300	5	5	8	15	28	29	23	16	190	300	1,9		
80	600	5	7	12	26	41	50	48	24	190	600	3,1		
80	900	5	9	17	37	50	50	50	32	190	900	4,6		
80	1200	6	11	21	49	50	50	50	40	190	1200	5,7		
100	300	2	2	6	14	21	25	20	11	210	360	2,3		
100	600	4	3	11	24	36	49	34	17	210	660	4,1		
100	900	5	4	15	34	50	50	48	23	210	960	5,2		
100	1200	6	5	19	45	50	50	50	29	210	1260	6,5		
125	300	2	2	6	13	16	20	15	10	235	365	2,7		
125	600	3	3	9	23	30	40	22	14	235	665	4,4		
125	900	4	4	12	33	45	50	30	17	235	965	6,2		
125	1200	5	5	15	43	50	50	38	21	235	1265	7,5		
160	300	1	2	4	10	12	15	8	8	270	375	3,0		
160	600	2	3	7	19	27	29	14	11	270	675	5,4		
160	900	2	4	10	28	42	43	20	15	270	975	7,5		
160	1200	2	5	13	37	50	50	26	19	270	1275	9,2		
200	300	1	2	5	8	10	11	5	5	310	385	4,1		
200	600	2	3	7	16	21	23	9	8	310	685	6,9		
200	900	2	4	8	24	32	34	13	10	310	985	9,7		
200	1200	3	5	10	31	43	45	18	13	310	1285	12,0		
250	600	3	2	7	13	17	16	8	6	365	600	8,6		
250	900	3	4	8	20	26	23	10	8	365	900	11,7		
250	1200	4	5	9	26	35	30	12	10	365	1200	15,0		
315	600	0	2	6	11	14	9	4	5	427	600	11,3		
315	900	1	3	7	16	22	12	6	7	427	900	15,6		
315	1200	1	3	8	22	30	16	7	9	427	1200	20,3		
400 *	600	0	3	4	6	8	4	4	4	508	600	20,5		
400 *	900	1	3	5	10	13	7	5	6	508	900	26,8		
400 *	1200	1	4	7	14	19	10	7	8	508	1200	30,0		

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

### Order code

<b>Product</b>	<b>SLCU</b>	<b>aaa</b>	<b>bbbb</b>	<b>50</b>
SLCU				
<b>Connection dim. Ød<sub>1 nom</sub></b>				
63 - 400 mm				
<b>Length in mm ( l<sub>nom</sub> )</b>				
300 - 1200 mm				
<b>Insulation thickness</b>				
50 mm				

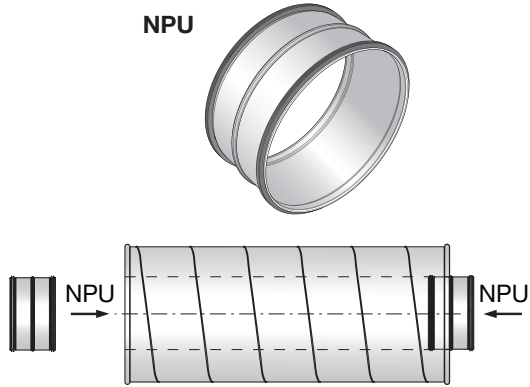
Example: SLCU - 200 - 1200 - 50



# Circular straight silencer

# SLCU 50

\* Supplied with two loose couplings (Type NPU).



## Technical data

