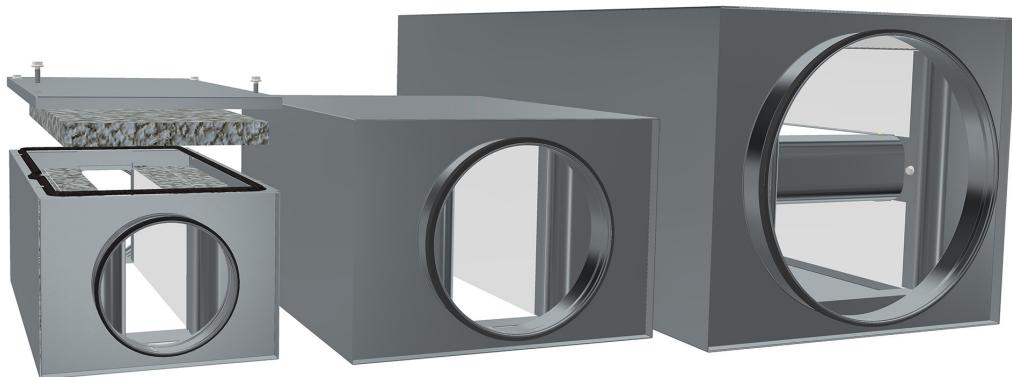


Circular straight low-built silencer

KVDPX



Description

KVDPX is a rectangular attenuator with circular connections and a low installation height.

Attenuation material is Acutec® polyester. The KVDPX are made from galvanized steel sheet.

The attenuator can be cleaned by rotating nylon brushes, vacuum cleaner or damp cloth. With the openable models there are possibilities to replace the acoustic infill.

Fulfils tightness class C.

Tested according to ISO 7235 standard.

For special requirements such as material, perforated sheet on top of the attenuation material, sizes and flanges - this can be made on request. Please contact Lindab sales.

Order code

Product	KVDPX 400 - 600 - 1			
KVDPX	KVDPX	200	1000	1
Connection (d), in mm ($\text{Ø}d_{1,\text{nom}}$)				
80 – 800				
Length (l), in mm (l_{nom})				
300, 600 and 1000 mm ($\text{Ø}80 - 200 \text{ mm}$)				
600 and 1000 mm ($\text{Ø}250 - 315 \text{ mm}$)				
600, 1000 and 1250 mm ($\text{Ø}400 - 800 \text{ mm}$)				
Model (m)				
1*, 2, 3, 4				

* Ø80 and Ø150, only model 1

Example: KVDPX - 200 - 1000 - 1



Model description

KVDPX comes in four different models. Model 1 and 2 sizes Ø400 - 800 mm are equipped with centre splitter.

1. = Special attenuator with **Acutec® Plus** attenuation material.
2. = Special attenuator with **Acutec® Plus** attenuation material. Openable, attenuation material replaceable.
3. = Attenuator with **Acutec®** attenuation material.
4. = Attenuator with **Acutec®** attenuation material. Openable, attenuation material replaceable.

Model overview

Model	Acutec®	Acutec® Plus	Openable	Replaceable attenuation material
1		x		
2		x	x	x
3	x			
4	x		x	x

Technical data

To select the appropriate attenuator and optimize connection size and length to achieve the best performance please use our online tool [LindQST](#).

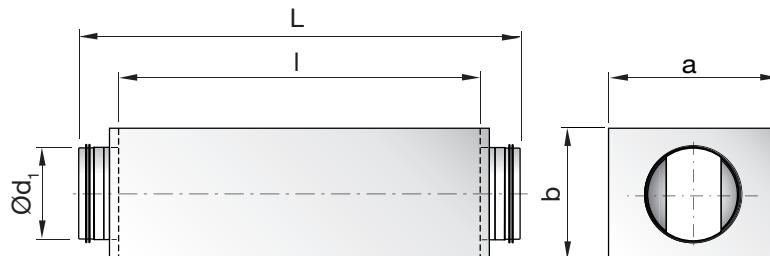
[KVDPX on LindQST >>](#)

Circular straight low-built silencer

KVDPX

Dimensions and sound data

KVDPX model 1 & 2



Ød_1 [nom]	I [nom]	a x b [mm]	Insertion loss [dB] for centre frequency [Hz]								Model				
			63	125	250	500	1k	2k	4k	8k	I [mm]	L [mm]	1 [kg]	2 [kg]	
80	300	179	97	1	5	7	8	18	20	18	17	278	358	1,2	-
80	600	179	97	5	13	10	15	24	31	36	29	591	671	2,1	-
80	1000	179	97	5	14	19	24	37	46	47	30	1001	1081	3,2	-
100	300	252	154	10	11	12	15	25	19	19	14	278	358	1,7	2,2
100	600	252	154	14	19	16	21	32	40	37	35	591	671	2,8	3,7
100	1000	252	154	19	26	24	30	44	50	50	46	1001	1081	4,3	5,8
125	300	263	177	5	10	9	14	22	17	15	12	278	358	2,3	2,4
125	600	263	177	14	15	16	20	33	38	37	27	591	671	3,9	4,1
125	1000	263	177	19	21	22	30	45	50	50	45	1036	1116	5,9	6,3
150	300	280	212	6	9	7	11	16	14	9	8	313	393	3,2	-
150	600	280	212	10	13	14	17	30	37	26	20	626	706	5	-
150	1000	280	212	16	14	20	25	40	44	46	33	1036	1116	7,4	-
160	300	280	212	6	8	7	12	18	14	10	9	313	393	3,2	3,3
160	600	280	212	12	10	12	19	31	33	27	22	626	706	5,0	5,2
160	1000	280	212	17	18	21	30	43	48	46	36	1036	1116	7,4	7,8
200	300	361	253	5	7	8	14	12	11	8	8	313	393	4,3	4,5
200	600	361	253	12	7	13	19	29	26	21	17	626	706	6,8	7,1
200	1000	361	253	21	14	21	28	42	42	35	25	1036	1116	10,1	10,7
250	600	431	303	8	7	12	19	22	21	16	13	591	711	8,5	9,0
250	1000	431	303	15	11	18	27	40	38	25	20	1001	1121	12,4	13,2
315	600	458	368	8	6	11	19	20	16	12	12	591	711	9,9	10,4
315	1000	458	368	12	10	18	27	35	28	20	16	1001	1121	14,5	15,2
400	600	518	453	8	6	11	18	24	23	17	18	591	751	16,1	16,9
400	1000	518	453	7	9	15	25	35	36	21	20	1001	1161	27,1	28,6
400	1250	518	453	13	11	18	32	43	44	28	26	1215	1375	27,1	28,6
500	600	702	555	4	6	12	16	15	12	8	9	591	751	23,5	24,5
500	1000	702	555	6	9	16	23	26	20	12	13	1001	1161	39,4	41,4
500	1250	702	555	7	12	20	28	35	31	17	18	1215	1375	39,4	41,4
630	600	751	687	4	5	11	13	15	12	8	9	591	751	24,5	25,7
630	1000	751	687	5	9	15	19	24	19	11	13	1001	1161	36,5	38,5
630	1250	751	687	7	10	19	24	28	21	13	13	1215	1375	42,5	44,9
800	600	922	857	3	6	9	12	13	9	8	7	591	751	44,4	44,9
800	1000	922	857	4	7	14	18	21	14	11	11	1001	1201	62,9	63,8
800	1250	922	857	6	10	16	21	26	15	12	12	1215	1415	72,2	73,2

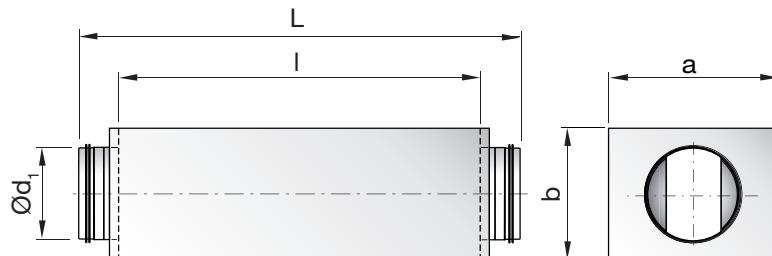


Circular straight low-built silencer

KVDPX

Dimensions and sound data

KVDPX model 3 & 4



$\varnothing d_1$ [nom]	I [nom]	a × b [mm]	Insertion loss [dB] for centre frequency [Hz]								Model				
			63	125	250	500	1k	2k	4k	8k	I [mm]	L [mm]	3 [kg]	4 [kg]	
100	300	252	154	10	10	10	14	23	17	17	13	278	358	1,6	2,1
100	600	252	154	14	16	15	20	30	35	33	30	591	671	2,6	3,5
100	1000	252	154	19	25	21	28	41	46	50	42	1001	1081	3,9	5,4
125	300	263	177	9	10	8	12	21	16	15	11	278	358	2,2	2,3
125	600	263	177	14	14	14	18	30	34	33	25	591	671	3,6	3,9
125	1000	263	177	18	20	20	26	41	46	50	42	1036	1116	5,5	5,9
160	300	280	212	4	8	6	11	17	13	9	8	313	393	3,0	3,2
160	600	280	212	11	9	11	17	28	30	24	17	626	706	4,7	5,0
160	1000	280	212	17	14	16	23	38	43	42	26	1036	1116	6,9	7,3
200	300	361	253	6	5	8	12	12	11	7	7	313	393	4,1	4,2
200	600	361	253	14	7	11	17	28	24	19	15	626	706	6,4	6,7
200	1000	361	253	17	12	17	23	38	38	31	22	1036	1116	9,4	10,0
250	600	431	303	6	7	11	18	22	19	14	13	591	711	7,9	8,4
250	1000	431	303	13	11	16	24	37	33	22	18	1001	1121	11,4	12,1
315	600	458	368	7	5	10	17	19	14	12	11	591	711	9,1	9,7
315	1000	458	368	11	9	15	23	32	24	18	15	1001	1121	13,2	13,9
400	600	518	453	5	5	8	16	15	10	8	9	591	751	13,3	14,2
400	1000	518	453	6	8	13	23	25	15	10	11	1001	1161	24,1	25,6
400	1250	518	453	12	9	14	23	31	19	13	14	1215	1375	24,1	25,6
500	600	702	555	4	5	10	14	11	7	6	8	591	751	21,6	22,6
500	1000	702	555	5	7	12	21	19	11	9	10	1001	1161	36,2	38,1
500	1250	702	555	7	9	18	23	22	14	11	13	1215	1375	36,2	38,1
630	600	751	687	3	5	10	11	8	6	6	6	591	751	23,3	24,5
630	1000	751	687	4	7	15	18	13	10	8	8	1001	1161	33,4	35,4
630	1250	751	687	6	9	18	21	16	11	9	11	1215	1375	38,6	41
800	600	922	857	3	5	9	10	7	5	4	4	591	751	38,1	38,6
800	1000	922	857	4	7	14	14	10	7	6	6	1001	1201	53	53,9
800	1250	922	857	5	8	17	17	17	12	8	7	1215	1415	60,6	61,6



Lindab reserves the right to make changes without prior notice
2024-10-01

