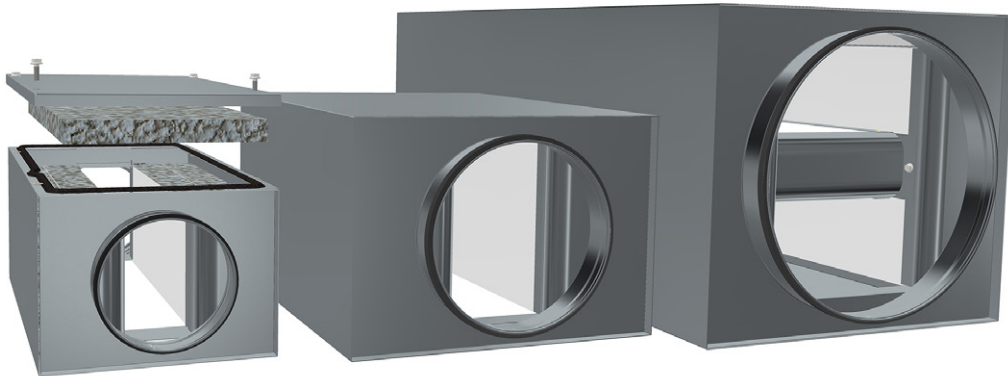


Circular straight low-built silencer

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	200	1000	1
KVDPX				
Connection (d), in mm (Ød_{1 nom})				
80 – 800				
Length (l), in mm (l_{nom})				
300, 600 and 1000 mm (Ø80 - 200 mm)				
600 and 1000 mm (Ø250 - 315 mm)				
600, 1000 and 1250 mm (Ø400 - 800 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**.

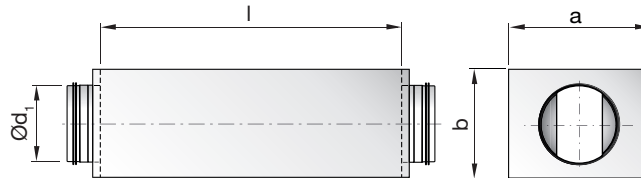
[KVDPX on LindQST >>](#)



Circular straight low-built silencer

KVDPX

Dimensions



Dimensions and sound data

KVDPX model 1 & 2

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



Circular straight low-built silencer

KVDPX

KVDPX model 3 & 4

Ød _i [nom]	l [mm]	a x b [mm] [mm]		Insertion loss [dB] for centre frequency [Hz]								Model	
				63	125	250	500	1k	2k	4k	8k	3 [kg]	4 [kg]
100	300	252	154	10	10	10	14	23	17	17	13	1,6	2,1
100	600	252	154	14	16	15	20	30	35	33	30	2,6	3,5
100	1000	252	154	19	25	21	28	41	46	50	42	3,9	5,4
125	300	263	177	9	10	8	12	21	16	15	11	2,2	2,3
125	600	263	177	14	14	14	18	30	34	33	25	3,6	3,9
125	1000	263	177	18	20	20	26	41	46	50	42	5,5	5,9
160	300	280	212	4	8	6	11	17	13	9	8	3,0	3,2
160	600	280	212	11	9	11	17	28	30	24	17	4,7	5,0
160	1000	280	212	17	14	16	23	38	43	42	26	6,9	7,3
200	300	361	253	6	5	8	12	12	11	7	7	4,1	4,2
200	600	361	253	14	7	11	17	28	24	19	15	6,4	6,7
200	1000	361	253	17	12	17	23	38	38	31	22	9,4	10,0
250	600	431	303	6	7	11	18	22	19	14	13	7,9	8,4
250	1000	431	303	13	11	16	24	37	33	22	18	11,4	12,1
315	600	458	368	7	5	10	17	19	14	12	11	9,1	9,7
315	1000	458	368	11	9	15	23	32	24	18	15	13,2	13,9
400	600	518	453	5	5	8	16	15	10	8	9	13,3	14,2
400	1000	518	453	6	8	13	23	25	15	10	11	24,1	25,6
400	1250	518	453	12	9	14	23	31	19	13	14	24,1	25,6
500	600	702	555	4	5	10	14	11	7	6	8	21,6	22,6
500	1000	702	555	5	7	12	21	19	11	9	10	36,2	38,1
500	1250	702	555	7	9	18	25	22	14	11	13	36,2	38,1
630	600	751	687	3	5	10	11	8	6	6	6	23,3	24,5
630	1000	751	687	4	7	15	18	13	10	8	8	33,4	35,4
630	1250	751	687	6	9	18	21	16	11	9	11	38,6	41
800	600	922	857	3	5	9	10	7	5	4	4	38,1	38,6
800	1000	922	857	4	7	14	14	10	7	6	6	53	53,9
800	1250	922	857	5	8	17	17	17	12	8	7	60,6	61,6

