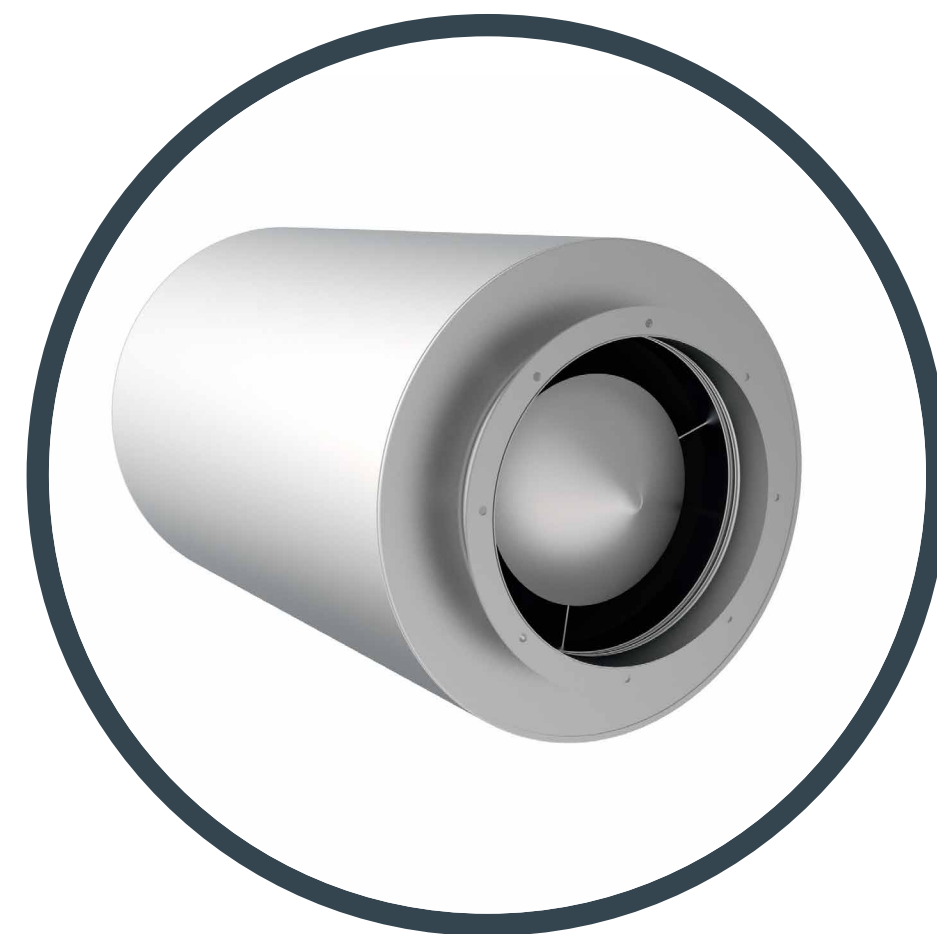




Product manual

Sound attenuators

PZ, PZC, PZM-T, PK

Sound attenuators

Version 1.0.0
Date: 22.05.2024.

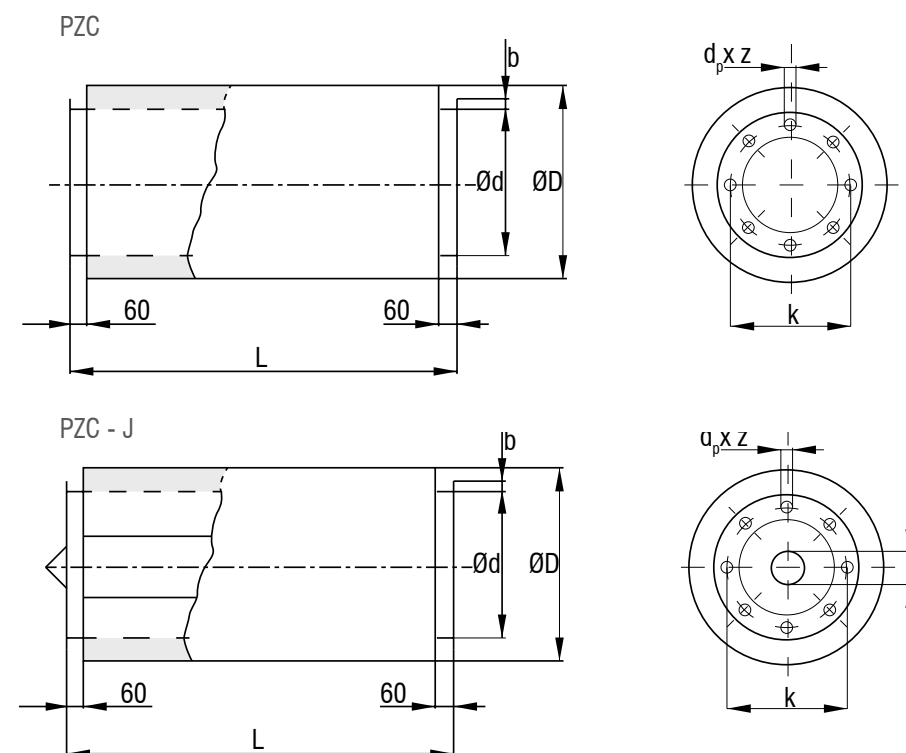


PZC ROUND ATTENUATOR

- Outer casing is made of galvanised sheet steel, filled with sound absorbing material. Inner duct of the attenuator is made of perforated galvanised sheet steel

Options

- Version with pod



- ▼ PZ Rectangular attenuator
- ▼ PZC Round sound attenuators
- ▼ PZM Interspace sound attenuator
- ▼ Ordering keys



ATTENUATOR

SOUND ATTENUATORS

Standard diameter	Flow area [m²]	øD [mm]	ø j [mm]	Attenuator weight						øk [mm]	b [mm]	s [mm]	ødpxz
				L=500		L=1000		L=1500					
				PZC	PZC-J	PZC	PZC-J	PZC	PZC-J				
355	0,100	555	224	23	28	40	48	57	68	392	30	4	9,5x8
400	0.126	600	250	25	31	44	53	62	76	438	30	4	9,5x8
450	0.158	650	280	28	35	48	59	68	84	488	30	4	9,5x8
500	0.198	700	315	30	39	52	66	74	93	538	30	4	9,5x8
560	0.251	760	355	33	43	57	73	81	104	600	35	4	9,5x12
630	0.316	830	399	37	49	63	83	89	117	670	35	4	9,5x12
710	0.397	910	450	41	55	70	94	98	132	750	35	4	9,5x12
800	0.499	1000	500	46	62	77	106	109	149	840	35	4	9,5x16
900	0.628	1100	560	51	71	86	120	120	169	940	35	4	9,5x16
1000	0.785	1200	630	56	80	94	136	132	191	1041	35	4	9,5x16

Attenuation D_e [dB]

Frequency [Hz]	63		125		250		500		1000		2000		4000		8000	
Diameter	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J
Attenuator length: L=500																
355	2	2	3	4	6	6	11	12	10	20	6	23	3	20	3	15
400	2	2	3	3	5	7	10	12	8	19	5	21	3	17	2	13
Attenuator length: L=1000																
355	2	3	7	9	11	14	21	24	23	42	12	43	7	39	4	27
400	2	3	6	8	10	13	20	24	19	42	9	41	6	34	4	23
450	2	3	5	7	9	12	19	23	14	42	7	37	4	28	3	19
500	2	3	4	6	8	11	18	22	10	43	4	34	3	23	3	15
560		3		6		11		21		40		31		21		14
630		3		6		11		21		36		28		18		13
710		3		5		10		20		32		24		15		11
800		3		5		10		19		28		20		12		10
900		2		5		10		18		23		15		8		8
1000		2		4		9		17		18		10		5		7

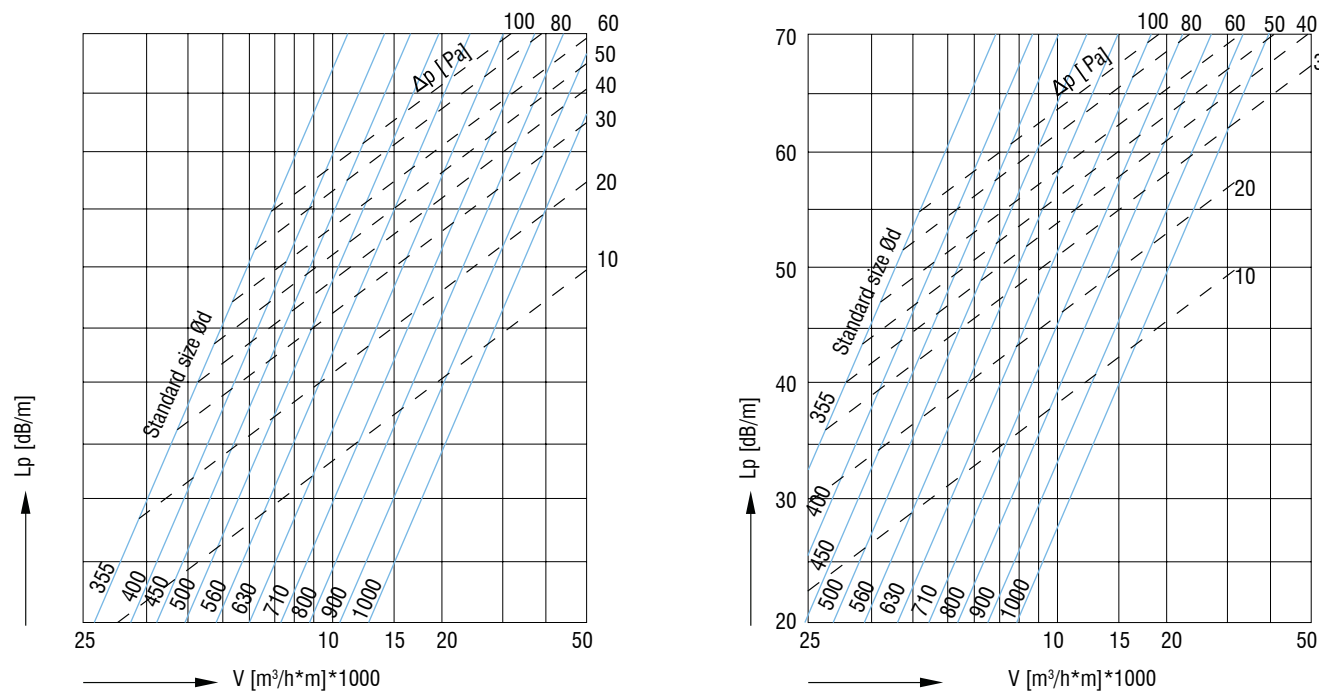
-  PZ Rectangular attenuator
-  PZC Round sound attenuators
-  PZM Interspace sound attenuator
-  Ordering keys

DIAGRAMS

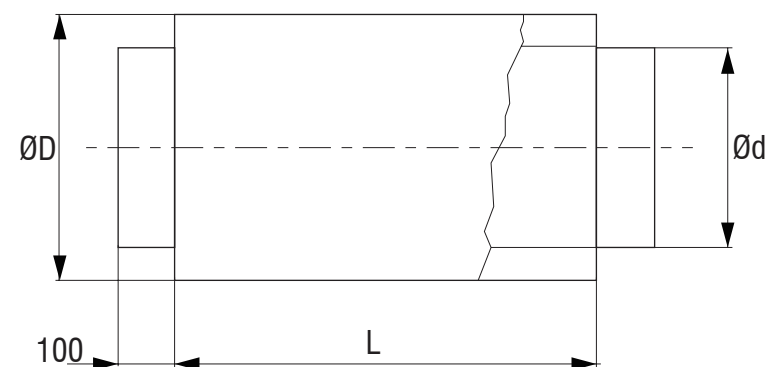
Attenuation D_e [dB]

Frequency [Hz]	63		125		250		500		1000		2000		4000		8000	
Diameter	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J	PZC	PZC-J
Attenuator length: L=1500																
355	3	3	9	11	14	17	27	31	35	48	19	50	8	43	6	37
400	3	4	8	10	14	16	26	30	29	50	15	50	7	40	5	31
450	3	4	7	9	13	15	25	29	22	50	11	50	6	36	5	25
500	3	4	6	8	12	14	24	28	16	50	6	50	4	33	4	19
560	3	4	5	8	11	14	23	27	14	49	6	46	4	30	4	18
630	2	4	4	7	10	13	21	27	12	48	5	42	4	26	3	16
710	2	3	4	7	9	13	19	26	10	47	4	37	3	22	3	15
800	1	3	3	6	8	12	17	25	7	46	3	32	3	17	2	13
900		3		5		11		24		45		26		12		11
1000		2		5		11		23		43		20		6		9

- PZ Rectangular attenuator
- PZC Round sound attenuators
- PZM Interspace sound attenuator
- Ordering keys



DIAGRAMS



PZM-T INTERSPACE ATTENUATOR

- PZM attenuators are made of galvanised sheet steel, containing sound-absorbing material infill.

- ▼ PZ Rectangular attenuator
- ▼ PZC Round sound attenuators
- ▼ PZM Interspace sound attenuator
- ▼ Ordering keys

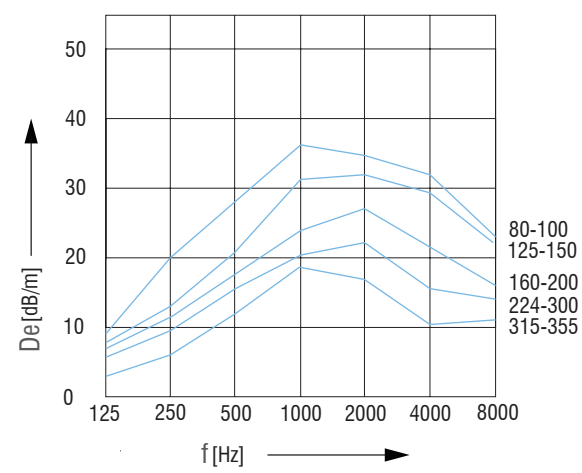


ATTENUATOR

SOUND ATTENUATORS

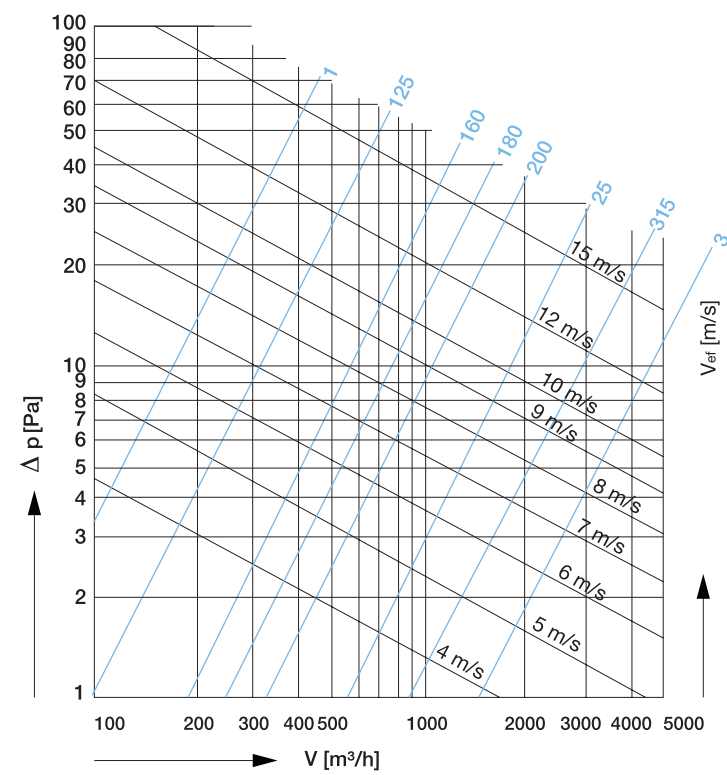
Standard size $\varnothing d$ [mm]	$\varnothing d-2$ [mm]	$\varnothing D$ [mm]	Lenghts L[mm]
100	98	200	L=600, 900
125	123	225	
160	158	260	
200	198	300	
250	248	350	
300	298	400	
315	313	415	

Insertion loss per meter length



- ▼ PZ Rectangular attenuator
- ▼ PZC Round sound attenuators
- ▼ PZM Interspace sound attenuator
- ▼ Ordering keys

Selection diagram



DIAGRAMS

ORDERING KEY PZ

(1) Sound attenuator	(2) Splitter width / gap	(3) Dimensions	(4) Splitter coverings
PZ	-	d / s	- B x H - V
(1) PZ-sound attenuator		(4) Splitter coverings:	
(2) Splitter width / gap		V - Glass fibre veil	
(3) Dimensions B x H		RS - Reflective plate and glass silk	
		PS - Perforated plate and glass silk	
		S - Glass silk	
		RV - Reflective plate and glass fibre veil	
		PV - Perforated plate and glas fibre veil	

- ▼ PZ Rectangular attenuator
- ▼ PZC Round sound attenuators
- ▼ PZM Interspace sound attenuator
- ▼ Ordering keys

ORDERING KEY PK

(1) Sound attenuator	(2) Dimensions	(3) Splitter coverings
PK	- d x H x L	- V
(1) PK-splitter		(3) Designations as for attenuator
(2) Dimensions d x H x L		

ORDERING KEY PZC

(1) Sound attenuator	(2) Version	(3) Size ød	(4) Lenght
PZC	- J	- 560	- L
(1) PZC-round attenuator		(4) L- Attenuator length	
(2) J - attenuator with pod			
(3) Size ød			

ORDERING KEY PZM

(1) Sound attenuator	(2) Diameter ød	(3) Attenuator length
PZM-T	- 200	- 1000
(1) PZM-T-Interspace Sound Attenuator		(3) Attenuator length
(2) Diameter ød		

+

ORDERING KEY



SOUND ATTENUATORS

Projektiranje, proizvodnja i održavanje opreme za klimatizaciju, ventilaciju i čiste prostore.
Design, production and service of Ventilation, Air-Conditioning and Cleanroom equipment.

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