MALCON MARINE AND LAND CONSTRUCTION

Circular straight silencer

PVA100



Description

PVA 100 is a circular straight silencer.

Fulfils tightness class C.

Insulation thickness 100 mm.

Attenuation material is glass wool.

Material galvanized steel.
Special materials and sizes please contact to Lindab sales.

Tested according to ISO 7235 standard.

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 DIMsiencer.

Flanges on request.

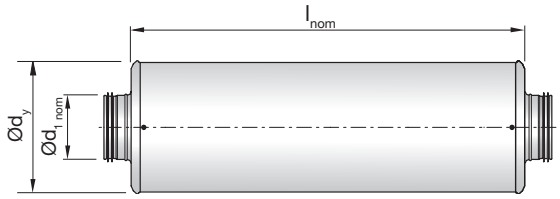
Order code

Product	PVA	d	l	C
PVA				
Connection dim. $Ød_{1nom}$				
100 - 1250 mm				
Length in mm (l_{nom})				
300 - 2500 mm				
Insulation thickness (C)				
100 mm				

Example: PVA - 400 - 1200 - 100

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Dimensions and sound data



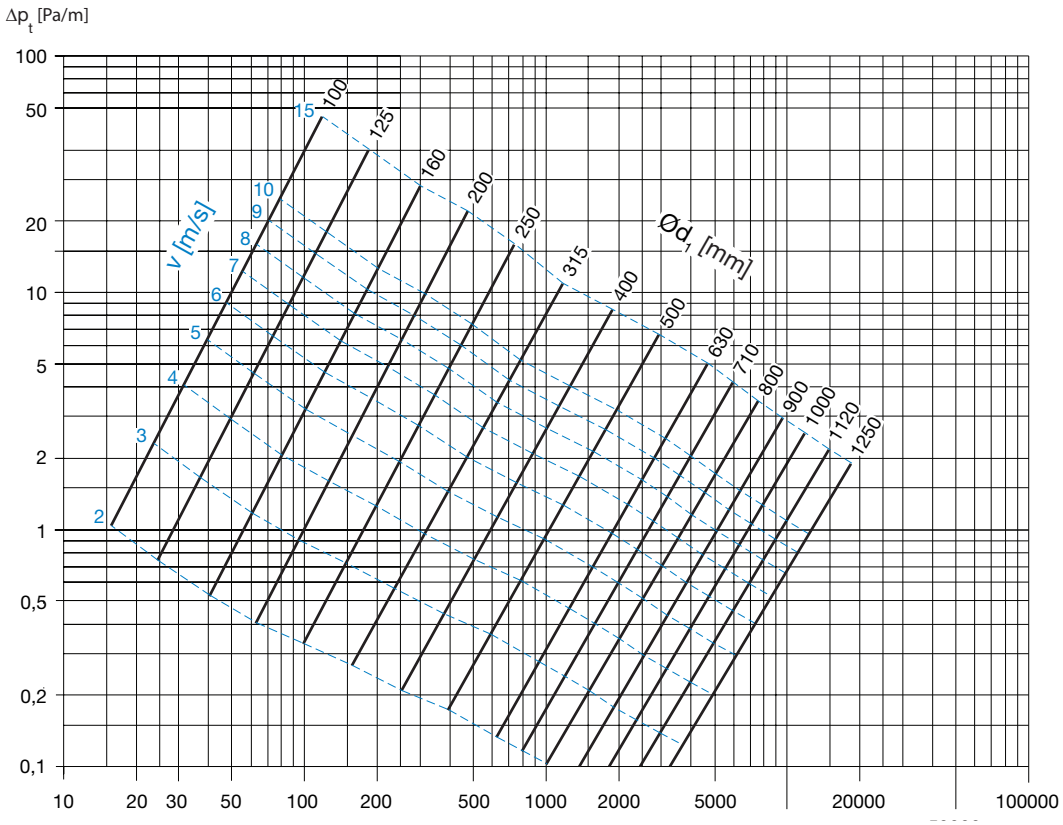
Ød$_{1\ nom}$ [mm]	l $_{nom}$ [mm]	Insertion loss [dB] for centre frequency [Hz] 63	125	250	500	1k	2k	4k	8k	Ød$_y$ [mm]	m [kg]
100	300	4	9	13	21	23	23	17	13	305	3,8
100	600	6	13	21	37	47	44	30	17	305	6,0
100	900	8	15	27	38	50	46	36	21	305	8,1
100	1200	10	21	35	45	50	48	38	30	305	11,0
125	300	3	7	12	17	19	19	14	8	330	4,2
125	600	6	10	18	31	35	38	25	14	330	6,0
125	900	6	13	24	41	50	46	33	18	330	9,5
125	1200	7	16	28	45	50	48	35	19	330	12,0
160	300	2	6	9	15	16	15	11	8	365	4,9
160	600	4	8	15	30	33	27	17	12	365	7,5
160	900	6	11	19	39	46	39	23	14	365	10,0
160	1200	7	14	24	44	49	48	28	17	365	13,0
200	300	2	5	8	14	15	13	10	7	405	5,5
200	600	3	7	12	25	28	24	14	12	405	8,6
200	900	4	9	17	36	41	32	19	13	405	12,0
200	1200	5	10	21	40	50	40	22	15	405	15,0
250	600	2	5	11	24	24	18	12	9	455	11,0
250	900	3	7	15	33	36	25	17	11	455	14,0
250	1200	4	9	19	38	45	31	18	12	455	18,0
315	600	2	4	10	20	19	14	12	8	520	15,0
315	900	3	6	14	26	26	17	14	11	520	20,0
315	1200	3	7	18	30	31	19	16	12	520	26,0
400	600	1	3	9	16	15	11	10	6	605	17,0
400	900	2	5	13	23	20	14	14	8	605	24,0
400	1200	3	5	16	30	27	16	15	10	605	31,0
400	1500	3	7	19	39	32	19	16	12	605	37,0
500	600	1	3	8	14	12	13	10	3	705	21,0
500	900	2	3	11	19	16	16	12	4	705	28,0
500	1200	2	5	14	25	20	17	13	5	705	36,0
500	1500	2	5	16	31	23	18	17	7	705	44,0
630	600	1	2	7	12	8	5	6	2	835	26,0
630	900	1	3	10	16	12	7	8	3	835	35,0
630	1200	2	4	12	20	14	10	11	4	835	44,0
630	1500	2	4	15	25	16	12	14	5	835	54,0
710	710	1	2	6	11	7	5	5	2	915	34,0
710	1000	1	2	8	14	9	7	7	2	915	47,0
710	1200	2	4	10	17	12	9	9	4	915	42,0
710	1420	2	4	11	18	13	10	10	4	915	60,0
710	1500	3	5	12	19	14	11	11	5	915	63,0
710	2000	3	6	16	25	19	15	15	6	915	85,0
800	800	2	3	7	9	6	4	4	3	1005	40,0
800	1000	2	3	8	11	7	5	5	4	1005	48,0
800	1200	2	4	10	14	9	7	7	5	1005	56,0
800	1500	2	5	13	19	13	10	10	7	1005	68,0
800	1600	2	5	13	20	13	10	10	7	1005	72,0
800	2000	4	8	22	37	24	19	19	13	1005	120,0
900	900	0	3	8	10	5	5	5	6	1105	48,0
900	1000	1	4	9	12	6	6	6	6	1105	53,0
900	1200	1	4	11	14	7	7	6	6	1105	63,0
900	1500	1	4	12	14	7	6	5	5	1105	69,0
900	1800	1	4	14	20	10	8	6	5	1105	89,0

Circular straight silencer PVA100

Ød1 nom [mm]	l nom [mm]	Insertion loss [dB] for centre frequency [Hz] 63	125	250	500	1k	2k	4k	8k	Ødy [mm]	m [kg]
900	2000	3	6	22	33	17	12	8	4	1105	139,0
1000	1000	0	2	8	8	5	4	4	4	1205	58,0
1000	1200	1	3	10	10	6	5	5	5	1205	68,0
1000	1500	2	3	12	13	7	6	5	5	1205	83,0
1000	2000	2	4	15	17	9	7	6	5	1205	107,0
1120	1000	1	3	9	8	6	4	3	3	1325	65,0
1120	1120	1	3	9	8	6	4	3	3	1325	71,0
1120	1200	1	4	10	9	7	5	4	4	1325	75,0
1120	1500	1	4	12	12	8	6	5	5	1325	91,0
1120	2000	1	5	15	16	10	7	6	7	1325	118,0
1120	2240	1	5	16	17	11	7	6	7	1325	131,0
1250	1000	1	3	8	5	5	4	3	2	1455	88,0
1250	1250	1	3	9	6	5	4	3	2	1455	106,0
1250	1500	1	3	10	7	5	4	3	2	1455	151,0
1250	2000	2	5	14	11	8	6	5	4	1455	160,0
1250	2500	2	5	16	14	9	6	5	5	1455	196,0

Technical data

Pressure loss Δp_t [Pa]



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Lindab reserves the right to make changes without prior notice