

DAİRESEL KESİTLİ KANAL TİPİ SUSTURUCULAR DUCT MOUNTED SOUND ATTENUATORS WITH CIRCULAR CROSS-SECTION

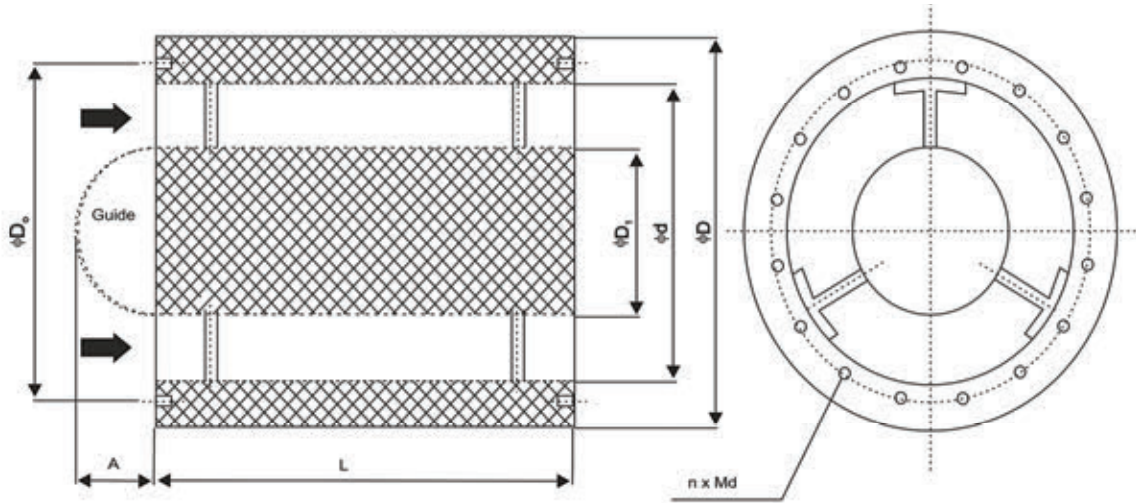


EYSA, EDSA serisi susturucular vantilatör ve aspiratör gibi havaya hareket veren elemanlarla kanallarda muhtemel aşırı hızdan kaynaklanan sesin seviyesini standartlarda müsaade edilen seviyede tutmak, gereğinden fazla olan ses şiddetini sönmölemek için tasarlanmış elemanlardır. Yuvarlak kesitli bu susturucular yuvarlak konsentrik splitterli (EDSA) ve splittersiz (EYSA) üzere iki ana tipte üretilmektedirler. İzolasyon kalınlıkları talebe göre 50mm ve 100mm olmak üzere her model için iki değişik tiptedir.

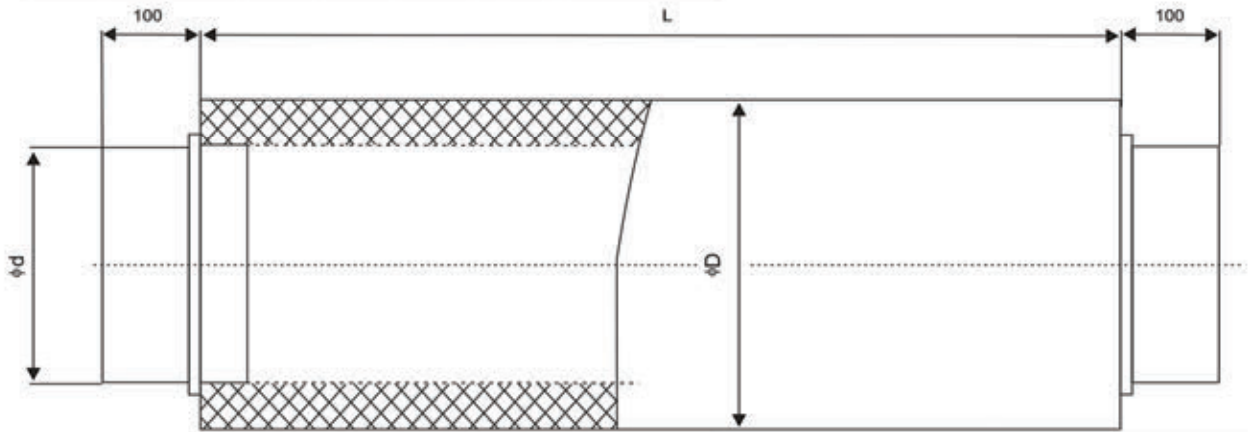
Susturucuların tamamının gövde, bölme ve flanşları galvaniz sacdan yapılmakta, dolgu malzemesi olarak 50kg/m³yoğunlukta, preslenmiş camyünü kullanılmaktadır. Satırlar ilaveten fibrocama ile kaplanmış olup 20m/s hava hızına dayanabilmektedir. Susturucu sathının tamamı perfore malzeme ile kaplanmaktadır.

The EYSA & EDSA series attenuators are designed to prevent the sound generated by the moving parts such as fans into the premises above the levels permitted by codes and standards and to attenuate excess sound power. They are produced in two main versions namely as with concentric splitter insert (EDSA) and without insert (EYSA). The insulation thicknesses for both versions are 50mm and 100mm upon demand.

The casing, the splitters and the flanges are produced from galvanized steel sheets of sufficient thickness in all of the models. The attenuating material is press-formed glass-wool with a density of 50kg/m³. Their surface are covered with fibre glass that enables them to withstand air velocities up to 20m/s. In all of the attenuators the inner surface is covered with perforated material.



Nominal Ölçüler Ød, Nominal Sizes Ød,	Boyutlar / Dimensions						
	Ød	ØD	L	Ød ₁	ØD ₂	NxØd	≈A
400	402	605	630	254	438	12XM8	127
450	451	655	710	288	487		143
500	505	713	800	320	541		160
560	657	775	900	359	605	16XM10	180
630	636	840	930	402	674		200
710	713	920	1120	451	751		225
800	799	1005	1250	505	837	24XM10	252
900	896	1100	1400	567	934		284
1000	1005	1210	1600	630	1067	342XM12	318
1120	1128	1335	1800	713	1200	32XM16	356
1250	1265	1470	1930	799	1337		400



Nominal Ölçüler (ölçüler) Ød ₁ / ØD ₂	Boyutlar / Dimensions	
	Ød	ØD
80 / 180	78	183
400 / 500	98	203
100 / 200	123	228
125 / 225	148	253
150 / 250	158	263
160 / 260	178	283
180 / 280	198	303
200 / 300	222	327
224 / 324	248	353
250 / 350	258	363
260 / 360	278	383
280 / 380	298	403
300 / 400	313	418
355 / 455	353	458
400 / 500	398	503

EDSA MODELİ SES YUTUM KAPASİTELERİ EDSA MODELS INSERTION LOSS (dB)

İzolasyon kalınlığı - Insulation thickness=50mm
L = 500mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
100	3	5	8	14	23	30	18	13
125	3	4	7	12	21	23	12	10
160	2	3	6	10	18	17	8	8
200	1	2	5	9	16	13	5	6
250	1	2	4	8	14	10	3	4
315	1	1	3	7	12	7	2	3
400	1	1	3	6	11	6	1	2

L = 1000mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
100	4	9	15	27	42	50	43	25
125	4	7	12	23	38	42	29	20
160	3	5	9	19	34	30	18	15
200	2	4	8	16	31	22	12	11
250	2	3	6	14	28	17	8	9
315	1	2	5	12	25	13	5	6
400	1	2	4	10	22	10	3	5

L = 1000mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
250	2	4	8	19	39	23	13	12
315	2	3	7	17	35	17	9	9
400	1	2	6	14	31	13	6	7

İzolasyon kalınlığı - Insulation thickness=100mm
L = 500mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
100	4	9	12	18	35	33	26	14
125	4	7	10	17	31	26	19	11
160	3	6	9	15	28	20	13	8
200	3	5	8	15	25	16	9	7
250	2	4	7	14	21	13	6	5
315	2	3	6	13	18	10	4	4
400	1	3	6	12	17	8	3	3

L = 1000mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
100	5	17	24	35	42	50	47	25
125	5	14	21	32	38	44	33	20
160	5	11	18	30	34	33	22	15
200	4	9	16	28	38	26	16	11
250	3	8	14	26	33	21	11	9
315	3	6	12	24	29	16	5	6
400	2	5	11	23	25	12	3	5
450	2	5	10	22	23	11	4	5
500	2	4	10	21	22	10	4	4

L = 1000mm

Çap Dia	$f_{m,oct}$ in Hz							
	63	125	250	500	1k	2k	4k	8k
250	4	11	21	37	41	27	15	12
315	3	9	18	34	35	21	10	9
400	3	7	16	32	31	16	7	7
450	2	6	15	31	29	14	6	6
500	2	6	14	30	27	13	5	6
560	2	6	13	29	25	11	4	5
630	2	5	12	28	23	10	4	4
710	2	5	11	27	22	9	3	4
800	2	4	11	26	20	8	2	3

EYSA MODELİ SES YUTUM KAPASİTELERİ EYSA MODELS INSERTION LOSS (dB)

İzolasyon kalınlığı - Insulation thickness=50mm
L = 500mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	1	3	6	11	17	20	23	23
315	1	3	6	10	15	17	18	18
400	1	2	5	8	13	15	14	13

İzolasyon kalınlığı - Insulation thickness=100mm
L = 500mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	2	5	10	17	24	23	26	24
315	2	5	9	16	21	20	21	18
400	1	4	8	14	18	17	16	14
450	1	4	7	14	16	16	14	12
500	1	3	7	13	16	15	13	11
560	1	3	6	13	15	14	11	10
630	1	3	6	12	15	13	10	9
710	1	3	6	12	14	12	9	8
800	1	2	5	11	13	11	8	7
900	1	2	5	10	13	10	7	6
1000	1	2	5	10	12	10	6	5

L = 1000mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	3	5	9	18	42	48	47	35
315	2	5	8	15	40	42	36	27
400	2	4	6	12	38	35	28	20

L = 1000mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	5	13	17	30	47	50	50	36
315	4	9	15	27	44	45	39	27
400	3	7	13	25	40	38	29	21
450	3	7	12	24	39	35	26	18
500	3	6	12	23	38	33	24	17
560	3	6	11	22	36	31	21	15
630	2	5	11	21	34	29	19	13
710	2	5	10	20	33	27	17	12
800	2	5	9	19	31	25	14	10
900	2	4	9	18	30	23	13	9
1000	2	4	8	17	29	22	12	8

L = 1500mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	5	7	10	23	50	50	50	44
315	5	6	8	19	50	50	50	34
400	5	5	7	15	50	50	39	25

L = 1500mm

Çap Dia	f _{m,oct} in Hz							
	63	125	250	500	1k	2k	4k	8k
250	7	14	22	41	50	50	50	44
315	7	12	20	37	50	50	50	34
400	6	10	17	33	50	50	40	26
450	5	9	16	31	50	50	36	23
500	5	9	16	30	50	50	33	21
560	4	8	15	30	50	48	29	19
630	4	8	14	29	50	44	26	16
710	4	7	13	28	50	41	23	14
800	3	6	13	26	49	37	20	12
900	3	6	12	24	47	34	17	11
1000	3	6	11	23	45	33	16	10

SİPARİŞ NOTASYONU / HOW TO ORDER

