

**Caratteristiche:**

Silenziatori circolari.

Materiale:

Cassa in acciaio zincato.
Isolante in lana minerale da
70 kg/mc.

Spessore isolante:

50 mm ($\varnothing < 300$ mm)
100 mm ($\varnothing \geq 300$ mm)

Metodi di fissaggio:

Innesto (E) - Flangia (F).

Varianti:

Senza ogiva (N) - Con ogiva (V).

Characteristics:

Circular sound attenuators.

Material:

Casing in galvanized steel.
Insulation in mineral wool
70 kg/mc.

Insulation thickness:

50 mm ($\varnothing < 300$ mm)
100 mm ($\varnothing \geq 300$ mm)



Fixing:



Coupling (E) - Flange (F)

Variant:



Without ogive (N) - With ogive (V)



PREZZI / PRICES

		Senza Ogiva Without Ogive	Con Ogiva With Ogive
		Ad innesto Coupling	Ad innesto Coupling
\varnothing mm	L mm	€	€
200	250	-	-
225	250	-	-
250	250	-	-
280	250	-	-
315	250	-	-
355	250	-	-
400	250	-	-
450	250	-	-
500	250	-	-
560	250	-	-
630	250	-	-
710	250	-	-
800	250	-	-
900	250	-	-
1000	250	-	-
200	500	-	-
225	500	-	-
250	500	-	-
280	500	-	-
315	500	-	-
355	500	-	-
400	500	-	-
450	500	-	-
500	500	-	-
560	500	-	-
630	500	-	-
710	500	-	-
800	500	-	-
900	500	-	-
1000	500	-	-
200	750	-	-
225	750	-	-
250	750	-	-
280	750	-	-
315	750	-	-
355	750	-	-
400	750	-	-
450	750	-	-
500	750	-	-
560	750	-	-
630	750	-	-
710	750	-	-
800	750	-	-
900	750	-	-
1000	750	-	-



		Senza Ogiva Without Ogive	Con Ogiva With Ogive
		Ad innesto Coupling	Ad innesto Coupling
\varnothing mm	L mm	€	€
200	1000	-	-
225	1000	-	-
250	1000	-	-
280	1000	-	-
315	1000	-	-
355	1000	-	-
400	1000	-	-
450	1000	-	-
500	1000	-	-
560	1000	-	-
630	1000	-	-
710	1000	-	-
800	1000	-	-
900	1000	-	-
1000	1000	-	-
200	1250	-	-
225	1250	-	-
250	1250	-	-
280	1250	-	-
315	1250	-	-
355	1250	-	-
400	1250	-	-
450	1250	-	-
500	1250	-	-
560	1250	-	-
630	1250	-	-
710	1250	-	-
800	1250	-	-
900	1250	-	-
1000	1250	-	-
200	1500	-	-
225	1500	-	-
250	1500	-	-
280	1500	-	-
315	1500	-	-
355	1500	-	-
400	1500	-	-
450	1500	-	-
500	1500	-	-
560	1500	-	-
630	1500	-	-
710	1500	-	-
800	1500	-	-
900	1500	-	-
1000	1500	-	-

ATTENUAZIONE PER INSERZIONE / INSERTION LOSS

		Senza Ogiva / Without Ogive							
		dB Frequenza Hz / Frequency Hz							
Ø mm	L mm	63	125	250	500	1000	2000	4000	8000
200	250	1	2	3	6	15	8	3	3
	500	1	3	5	11	19	11	5	4
	750	2	4	8	16	23	14	7	4
	1000	2	6	11	21	27	17	9	4
	1250	3	7	14	26	31	20	11	5
	1500	3	9	17	30	35	23	13	5
225	250	1	1	2	6	14	7	3	3
	500	1	3	5	11	17	10	4	3
	750	2	4	8	15	21	13	6	4
	1000	2	5	10	20	25	15	8	4
	1250	2	7	13	25	29	18	9	4
	1500	3	8	16	29	33	21	11	5
250	250	1	1	2	6	13	6	2	3
	500	1	2	5	10	17	9	4	3
	750	1	4	7	15	20	11	5	3
	1000	2	5	10	19	24	14	7	4
	1250	2	6	12	24	27	16	8	4
	1500	2	7	15	28	31	19	9	4
280	250	1	1	2	6	12	6	2	2
	500	1	2	4	10	16	8	3	3
	750	1	3	7	14	19	10	4	3
	1000	2	4	9	19	22	12	5	3
	1250	2	6	12	23	26	15	7	4
	1500	2	7	14	28	29	17	8	4
315	250	1	1	2	5	11	5	1	2
	500	1	2	4	10	15	7	2	2
	750	1	3	6	14	18	9	3	3
	1000	1	4	9	18	21	11	5	3
	1250	2	5	11	22	24	13	6	3
	1500	2	6	13	27	27	15	7	4
355	250	1	1	2	5	11	4	1	2
	500	1	2	4	9	14	6	2	2
	750	1	3	6	13	17	8	3	2
	1000	1	4	8	18	20	10	4	3
	1250	2	5	10	22	23	11	5	3
	1500	2	5	12	26	26	13	5	3
400	250	0	1	2	5	10	4	1	2
	500	1	2	4	9	13	6	2	2
	750	1	2	6	13	16	7	2	2
	1000	1	3	8	17	18	9	3	2
	1250	1	4	10	21	21	10	4	3
	1500	2	5	12	25	24	12	5	3
450	250	0	1	2	5	9	3	1	2
	500	1	1	3	9	12	5	1	2
	750	1	2	5	13	15	6	2	2
	1000	1	3	7	16	17	8	2	2
	1250	1	4	9	20	20	9	3	2
	1500	1	4	11	24	23	10	4	3

		Senza Ogiva / Without Ogive							
		dB Frequenza Hz / Frequency Hz							
Ø mm	L mm	63	125	250	500	1000	2000	4000	8000
500	250	0	1	1	5	9	3	0	1
	500	1	1	3	8	11	4	1	2
	750	1	2	5	12	14	6	2	2
	1000	1	3	7	16	16	7	2	2
	1250	1	3	9	20	19	8	3	2
	1500	1	4	10	23	21	9	3	2
560	250	0	0	1	4	8	3	0	1
	500	0	1	3	8	11	4	1	1
	750	1	2	5	12	13	5	1	2
	1000	1	2	6	15	15	6	2	2
	1250	1	3	8	19	18	7	2	2
	1500	1	4	10	23	20	8	3	2
630	250	0	0	1	4	8	2	0	1
	500	0	1	3	8	10	3	1	1
	750	1	2	4	11	12	4	1	1
	1000	1	2	6	15	14	5	1	2
	1250	1	3	8	18	17	6	2	2
	1500	1	3	9	22	19	7	2	2
710	250	0	0	1	4	7	2	0	1
	500	0	1	3	8	9	3	0	1
	750	0	1	4	11	11	4	1	1
	1000	1	2	6	14	14	5	1	1
	1250	1	2	7	18	16	6	1	2
	1500	1	3	9	21	18	7	2	2
800	250	0	0	1	4	7	2	0	1
	500	0	1	2	7	9	3	0	1
	750	0	1	4	11	11	3	1	1
	1000	1	2	5	14	13	4	1	1
	1250	1	2	7	17	15	5	1	1
	1500	1	3	8	20	17	6	1	2
900	250	0	0	1	4	6	2	0	1
	500	0	1	2	7	8	2	0	1
	750	0	1	4	10	10	3	0	1
	1000	0	1	5	13	12	4	1	1
	1250	1	2	6	17	14	4	1	1
	1500	1	2	8	20	16	5	1	1
1000	250	0	0	1	4	6	1	0	1
	500	0	1	2	7	8	2	0	1
	750	0	1	3	10	10	3	0	1
	1000	0	1	5	13	11	3	0	1
	1250	1	2	6	16	13	4	1	1
	1500	1	2	7	19	15	5	1	1

ATTENUAZIONE PER INSERZIONE / INSERTION LOSS

		Con Ogiva / Without Ogive							
		dB Frequenza Hz / Frequency Hz							
Ø mm	L mm	63	125	250	500	1000	2000	4000	8000
200	250	1	2	3	6	15	8	3	3
	500	1	3	5	11	19	11	5	4
	750	2	4	8	16	23	14	7	4
	1000	2	6	11	21	27	17	9	4
	1250	3	7	14	26	31	20	11	5
	1500	3	9	17	30	35	23	13	5
225	250	1	1	2	6	14	7	3	3
	500	1	3	5	11	17	10	4	3
	750	2	4	8	15	21	13	6	4
	1000	2	5	10	20	25	15	8	4
	1250	2	7	13	25	29	18	9	4
	1500	3	8	16	29	33	21	11	5
250	250	1	1	2	6	13	6	2	3
	500	1	2	5	10	17	9	4	3
	750	1	4	7	15	20	11	5	3
	1000	2	5	10	19	24	14	7	4
	1250	2	6	12	24	27	16	8	4
	1500	2	7	15	28	31	19	9	4
280	250	1	1	2	6	12	6	2	2
	500	1	2	4	10	16	8	3	3
	750	1	3	7	14	19	10	4	3
	1000	2	4	9	19	22	12	5	3
	1250	2	6	12	23	26	15	7	4
	1500	2	7	14	28	29	17	8	4
315	250	1	1	2	5	11	5	1	2
	500	1	2	4	10	15	7	2	2
	750	1	3	6	14	18	9	3	3
	1000	1	4	9	18	21	11	5	3
	1250	2	5	11	22	24	13	6	3
	1500	2	6	13	27	27	15	7	4
355	250	1	1	2	5	11	4	1	2
	500	1	2	4	9	14	6	2	2
	750	1	3	6	13	17	8	3	2
	1000	1	4	8	18	20	10	4	3
	1250	2	5	10	22	23	11	5	3
	1500	2	5	12	26	26	13	5	3
400	250	0	1	2	5	10	4	1	2
	500	1	2	4	9	13	6	2	2
	750	1	2	6	13	16	7	2	2
	1000	1	3	8	17	18	9	3	2
	1250	1	4	10	21	21	10	4	3
	1500	2	5	12	25	24	12	5	3



SON ESEMPIO SELEZIONE SILENZIATORE / SOUND ATTENUATOR SAMPLE SELECTION

Portata aria / Air flow	mc/h	3450								
Diametro / Diameter	mm	400								
Lunghezza / Length	mm	1000								
Area frontale / Frontal area	mq	0,12								
Velocità frontale / Frontal speed	m/s	8								
Perdita di carico / Pressure drop	pa	0								
Attenuazione / Attenuation	Hz	63	125	250	500	1000	2000	4000	8000	
	dB(A)	1	3	8	17	18	9	3	2	

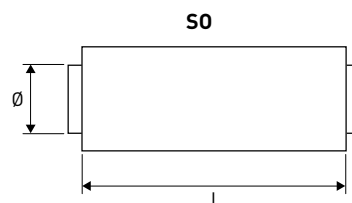
Solo perdita condotto
Only duct pressure drop

SOV ESEMPIO SELEZIONE SILENZIATORE / SOUND ATTENUATOR SAMPLE SELECTION



Portata aria / Air flow	mc/h	11150								
Diametro / Diameter	mm	630								
Lunghezza / Length	mm	750								
Area frontale / Frontal area	mq	0,31								
Velocità frontale / Frontal speed	m/s	10								
Perdita di carico / Pressure drop	pa	71								
Attenuazione / Attenuation	Hz	63	125	250	500	1000	2000	4000	8000	
	dB(A)	2	3	6	13	18	15	10	8	



		Con Ogiva / Without Ogive							
		dB Frequenza Hz / Frequency Hz							
Ø mm	L mm	63	125	250	500	1000	2000	4000	8000
450	250	0	1	2	5	9	3	1	2
	500	1	1	3	9	12	5	1	2
	750	1	2	5	13	15	6	2	2
	1000	1	3	7	16	17	8	2	2
	1250	1	4	9	20	20	9	3	2
	1500	1	4	11	24	23	10	4	3
500	250	0	1	1	5	9	3	0	1
	500	1	1	3	8	11	4	1	2
	750	1	2	5	12	14	6	2	2
	1000	1	3	7	16	16	7	2	2
	1250	1	3	9	20	19	8	3	2
	1500	1	4	10	23	21	9	3	2
560	250	0	0	1	4	8	3	0	1
	500	0	1	3	8	11	4	1	1
	750	1	2	5	12	13	5	1	2
	1000	1	2	6	15	15	6	2	2
	1250	1	3	8	19	18	7	2	2
	1500	1	4	10	23	20	8	3	2
630	250	0	0	1	4	8	2	0	1
	500	0	1	3	8	10	3	1	1
	750	1	2	4	11	12	4	1	1
	1000	1	2	6	15	14	5	1	2
	1250	1	3	8	18	17	6	2	2
	1500	1	3	9	22	19	7	2	2
710	250	0	0	1	4	7	2	0	1
	500	0	1	3	8	9	3	0	1
	750	0	1	4	11	11	4	1	1
	1000	1	2	6	14	14	5	1	1
	1250	1	2	7	18	16	6	1	2
	1500	1	3	9	21	18	7	2	2
800	250	0	0	1	4	7	2	0	1
	500	0	1	2	7	9	3	0	1
	750	0	1	4	11	11	3	1	1
	1000	1	2	5	14	13	4	1	1
	1250	1	2	7	17	15	5	1	1
	1500	1	3	8	20	17	6	1	2
900	250	0	0	1	4	6	2	0	1
	500	0	1	2	7	8	2	0	1
	750	0	1	4	10	10	3	0	1
	1000	0	1	5	13	12	4	1	1
	1250	1	2	6	17	14	4	1	1
	1500	1	2	8	20	16	5	1	1
1000	250	0	0	1	4	6	1	0	1
	500	0	1	2	7	8	2	0	1
	750	0	1	3	10	10	3	0	1
	1000	0	1	5	13	11	3	0	1
	1250	1	2	6	16	13	4	1	1
	1500	1	2	7	19	15	5	1	1

DISEGNI / DRAWINGS



SILENZIATORI CIRCOLARI CON OGIVA - PERDITE DI CARICO / CIRCULAR SOUND ATTENUATOR WITH OGIVE - PRESSURE DROP

		PA									
		Velocità frontale V_f [m/s] / Frontal Speed V_f [m/s]									
\emptyset mm	L mm	2	3	4	5	6	7	8	9	10	
200	250	3	7	12	19	27	36	47	60	74	
	500	4	9	15	24	34	46	60	76	94	
	750	5	10	18	29	41	56	73	93	114	
	1000	5	12	22	34	49	66	86	109	134	
	1250	6	14	25	39	56	76	99	125	154	
	1500	7	16	28	44	63	86	112	142	175	
225	250	3	7	12	18	26	35	46	58	72	
	500	4	8	14	22	32	44	57	72	89	
	750	4	10	17	27	39	53	69	87	107	
	1000	5	11	20	31	45	61	80	101	125	
	1250	6	13	23	36	51	70	91	115	142	
	1500	6	15	26	40	58	79	103	130	160	
250	250	3	6	11	18	25	34	45	57	70	
	500	3	8	14	21	31	42	55	69	86	
	750	4	9	16	25	37	50	65	82	101	
	1000	5	11	19	29	42	58	75	95	117	
	1250	5	12	21	33	48	65	85	108	133	
	1500	6	14	24	37	54	73	95	121	149	
280	250	3	6	11	18	25	34	45	57	70	
	500	3	8	14	21	31	42	55	69	86	
	750	4	9	16	25	37	50	65	82	101	
	1000	5	11	19	29	42	58	75	95	117	
	1250	5	12	21	33	48	65	85	108	133	
	1500	6	14	24	37	54	73	95	121	149	
315	250	3	6	11	17	24	33	42	54	66	
	500	3	7	13	20	28	39	50	64	79	
	750	4	8	15	23	33	45	58	74	91	
	1000	4	9	17	26	37	51	66	84	103	
	1250	5	10	19	29	42	57	74	94	115	
	1500	5	12	21	32	46	63	82	104	128	
355	250	3	6	10	16	23	32	42	52	65	
	500	3	7	12	19	27	37	48	61	76	
	750	3	8	14	22	31	42	55	70	86	
	1000	4	9	16	24	35	48	62	79	97	
	1250	4	10	17	27	39	53	69	88	108	
	1500	5	11	19	30	43	58	76	96	119	
400	250	3	6	10	16	23	31	41	51	63	
	500	3	7	12	18	26	36	47	59	73	
	750	3	7	13	21	30	41	53	67	82	
	1000	4	8	15	23	33	45	59	75	92	
	1250	4	9	16	25	37	50	65	82	101	
	1500	4	10	18	28	40	55	71	90	111	
450	250	3	6	10	16	23	31	40	51	62	
	500	3	6	11	18	26	35	45	57	71	
	750	3	7	13	20	29	39	51	64	79	
	1000	4	8	14	22	32	43	56	71	87	
	1250	4	9	15	24	35	47	61	78	96	
	1500	4	9	17	26	38	51	67	84	104	

		PA									
		Velocità frontale V_f [m/s] / Frontal Speed V_f [m/s]									
\emptyset mm	L mm	2	3	4	5	6	7	8	9	10	
500	250	2	6	10	15	22	30	39	50	61	
	500	3	6	11	17	25	34	44	56	69	
	750	3	7	12	19	28	38	49	62	76	
	1000	3	8	14	21	30	41	54	68	84	
	1250	4	8	15	23	33	45	59	74	91	
	1500	4	9	16	25	36	49	63	80	99	
560	250	2	5	10	15	22	30	39	49	61	
	500	3	6	11	17	24	33	43	54	67	
	750	3	7	12	19	27	36	47	60	74	
	1000	3	7	13	20	29	39	52	65	80	
	1250	4	8	14	22	31	43	56	71	87	
	1500	4	8	15	24	34	46	60	76	94	
630	250	2	5	10	15	22	29	38	48	60	
	500	3	6	11	16	24	32	42	53	66	
	750	3	6	12	18	26	35	46	58	71	
	1000	3	7	12	19	28	38	49	63	77	
	1250	3	8	13	21	30	41	53	67	83	
	1500	4	8	14	22	32	44	57	72	89	
710	250	2	5	10	15	21	29	38	48	59	
	500	3	6	10	16	23	32	41	52	64	
	750	3	6	11	17	25	34	44	56	69	
	1000	3	7	12	19	27	37	48	60	74	
	1250	3	7	13	20	29	39	51	64	79	
	1500	3	8	14	21	31	42	54	69	85	
800	250	2	5	9	15	21	29	37	47	58	
	500	3	6	10	16	23	31	40	51	63	
	750	3	6	11	17	24	33	43	55	67	
	1000	3	7	12	18	26	35	46	58	72	
	1250	3	7	12	19	28	38	49	62	76	
	1500	3	7	13	20	29	40	52	66	81	
900	250	2	5	9	15	21	28	37	47	58	
	500	3	6	10	16	22	30	40	50	62	
	750	3	6	11	17	24	32	42	53	66	
	1000	3	6	11	18	25	34	45	57	70	
	1250	3	7	12	19	27	36	47	60	74	
	1500	3	7	13	20	28	38	50	63	78	
1000	250	2	5	9	14	21	28	37	47	57	
	500	2	6	10	15	22	30	39	49	61	
	750	3	6	10	16	23	32	41	52	65	
	1000	3	6	11	17	25	33	44	55	68	
	1250	3	7	12	18	26	35	46	58	72	
	1500	3	7	12	19	27	37	48	61	75	