



Description

SCB: circular sound attenuator

- galvanised steel casing
- bayonet connection for quick connection to duct
- acoustic material in rock wool 70 Kg/m³ lined with black glass tissue + steel micro-expanded mesh
- fire-resistance: non-combustible
- standard length 600 – 1000 (other lengths on request)
- acoustic data according to ISO 7235
- DN100 / 315 sizes

SCB50: acoustic material th. 50 mm

SCB100: acoustic material th. 100 mm

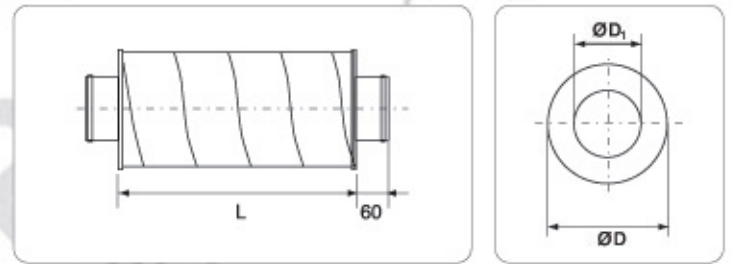
Special executions:

- made of AISI 304/316 stainless steel

SCB50 Attenuation table

DN	L	Frequencies (Hz)							
		63	125	250	500	1k	2k	4k	8k
100	600	5	8	12	23	35	48	40	21
	1000	5	10	18	32	48	50	50	30
125	600	2	4	9	19	33	43	35	13
	1000	3	7	15	26	45	50	45	22
160	600	2	4	7	15	28	34	17	8
	1000	3	6	12	20	37	43	29	13
200	600	1	3	7	14	25	23	16	10
	1000	2	4	10	18	32	33	21	11
250	600	1	2	5	12	16	13	8	4
	1000	1	3	8	17	27	22	14	7
315	600	-	1	4	11	14	10	5	3
	1000	1	2	6	16	22	17	9	5

SCB



SCB100 Attenuation table

DN	L	Frequencies (Hz)							
		63	125	250	500	1k	2k	4k	8k
100	600	4	13	17	27	36	18	34	8
	1000	6	20	30	48	50	50	50	11
125	600	3	10	15	25	32	34	25	8
	1000	5	15	25	43	50	50	41	11
160	600	3	7	12	20	26	28	18	9
	1000	4	10	20	36	45	47	27	14
200	600	3	6	11	19	22	20	11	12
	1000	5	10	20	33	40	35	18	19
250	600	4	8	15	24	27	21	11	20
	1000	4	8	16	27	31	24	12	20
315	600	1	4	10	16	19	9	3	1
	1000	2	7	16	27	31	16	4	1

N.B.: versions up to DN500

Afonic transit grille



Description

WGZ: Afonic transit grille to decrease the noise transmitted between two rooms

WGZD...: double execution (depth from 40 to 110 mm)

WGZC...: single execution (depth from 52.5 to 122.5 mm)

- execution with aluminium frame and painted aluminium blades standard RAL 9010
- fastening with visible screws (not included)

WGZDDO and WGZCDO attenuation in dB

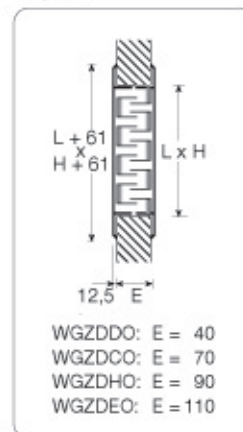
DEPTH	FREQUENCIES (Hz)							
	65	125	250	500	1K	2K	4K	8K
40mm	8	9	6	6	12	22	23	21
110mm	8	10	7	11	15	26	24	22

Pressure drop with front velocity of:

V= 0.5 m/s: 6 Pa | V= 0.8 m/s: 16 Pa | V= 1.0 m/s: 25 Pa

(V= referring to LxH)

WGZD



WGZC

