Round silencers

SIBL

Description

The silencers are delivered with the SPIRAL® system seals in the standard version. The diameter sizes d_1 > 315 mm require ordering the NSL male couplings which need to be installed in the silencer before connecting the silencer to the ductwork. The male fittings are available separately. They are not delivered with the silencers.
Glass wool thickness inside the silencer:
50mm for SIBL-50
100 mm for SIBL-100
Insulation:
Insulation material: glass wool.
Insulation type: trimmed from reel, flexible.

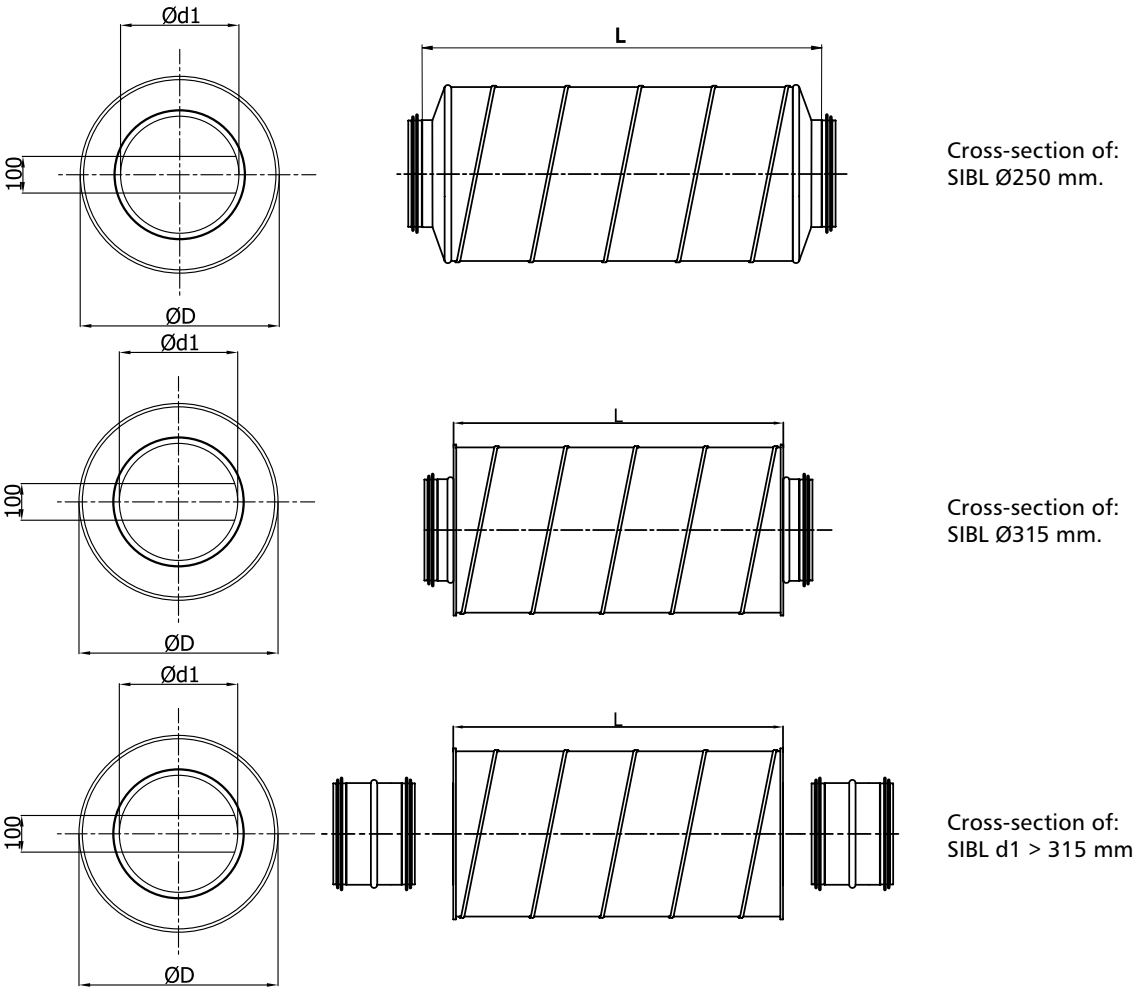
Available materials - Product code examples

SIBL-...-...-...	- galvanized steel sheet
SIBL-K-...-...-...	- 1.4301/304 stainless steel sheet
SIBL-K-...-...-...-316L	- 1.4404/316L stainless steel sheet
SIBL-A-...-...-...	- aluminium sheet
SIBL-CU-...-...-...	- copper sheet

Product code examples
Product code: **SIBL - iii - aaa - bbb**

type
isolation thickness
Ød$_1$
L

Dimensions



Cross-section of:
SIBL Ø250 mm.

Cross-section of:
SIBL Ø315 mm.

Cross-section of:
SIBL d1 > 315 mm

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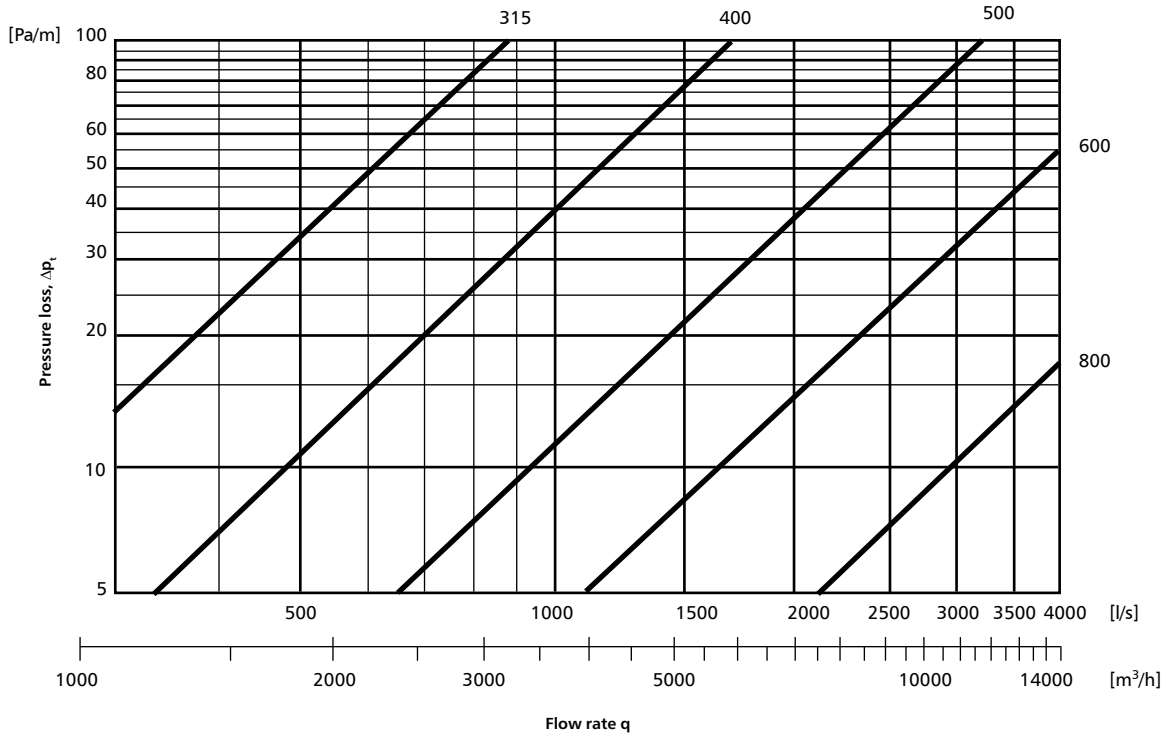
SIBL

Dimensions

Description	Ød$_1$ ^{nom} [mm]	D_{nom} [mm]	L [mm]	Sound insulation [dB] at frequency [Hz]						Weight [kg]
				125	250	500	1000	2000	4000	
SIBL 315-600	315	500	600	7	15	18	26	34	24	15
315-900	315	500	900	11	18	26	37	40	28	22
315-1200	315	500	1200	15	21	33	41	46	40	29
SIBL 400-600	400	600	600	8	9	16	22	24	19	20
400-900	400	600	900	11	14	22	34	32	23	30
400-1200	400	600	1200	11	21	30	38	43	28	40
SIBL 500-900	500	710	900	8	12	19	27	21	19	40
500-1200	500	710	1200	10	16	26	35	29	22	53
SIBL 630-1200	630	800	1200	8	11	23	38	23	19	62
630-1500	630	800	1500	10	15	23	39	26	20	78
SIBL 800-1200	800	1000	1200	5	9	17	23	21	16	80
800-1500	800	1000	1500	5	12	19	26	23	18	99

Technical specifications



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