Round silencers

SIBRL

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. Rock wool thickness inside the silencer:
50 mm for SIBRL-50
100 mm for SIBRL-100

Insulation:
Insulation material: rock wool.
Insulation type: trimmed from reel, flexible.

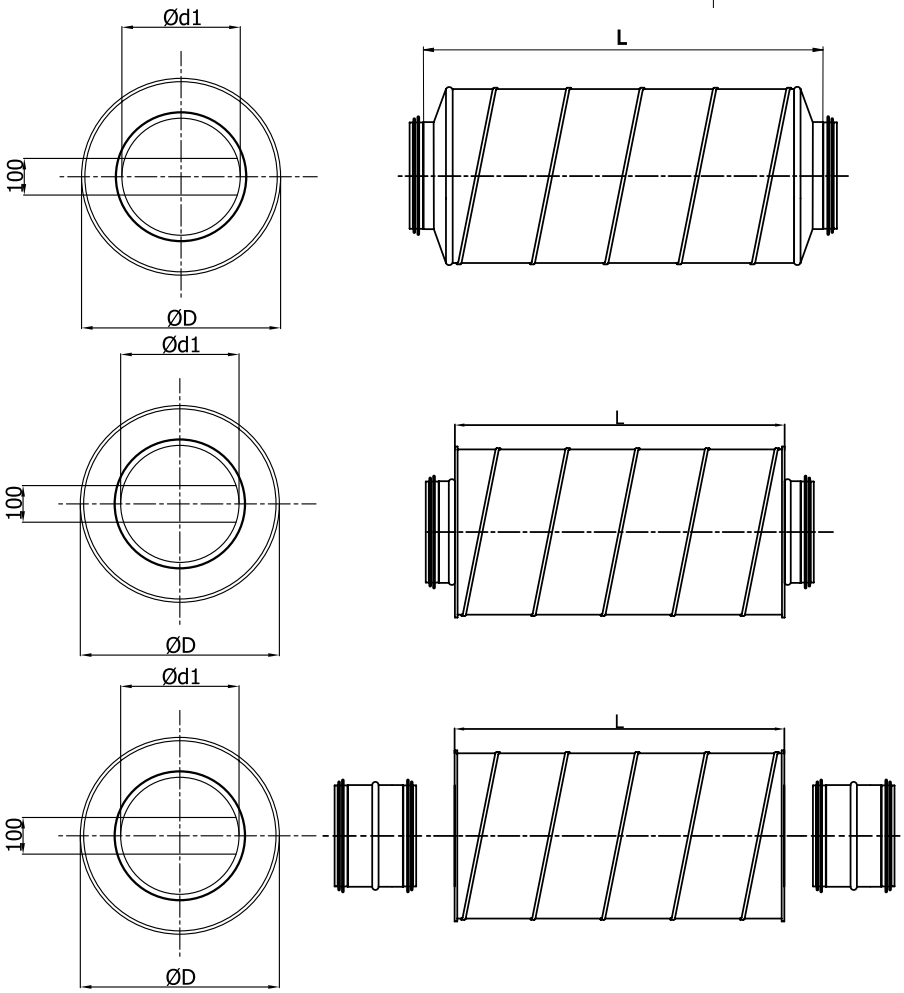
Available materials - Product code examples

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

Product code example
Product code: **SIBRL - iii - aaa - bbb**

type
isolation thickness
Ød$_1$
L

Dimensions



Cross-section of:
SIBRL Ø250 mm.

Cross-section of:
SIBRL Ø315 mm.

Cross-section of:
SIBRL d_1 > 315 mm.

ALNOR® ventilation systems
is a registered trademark protected by a technical patent. All modification rights reserved.

Round silencers

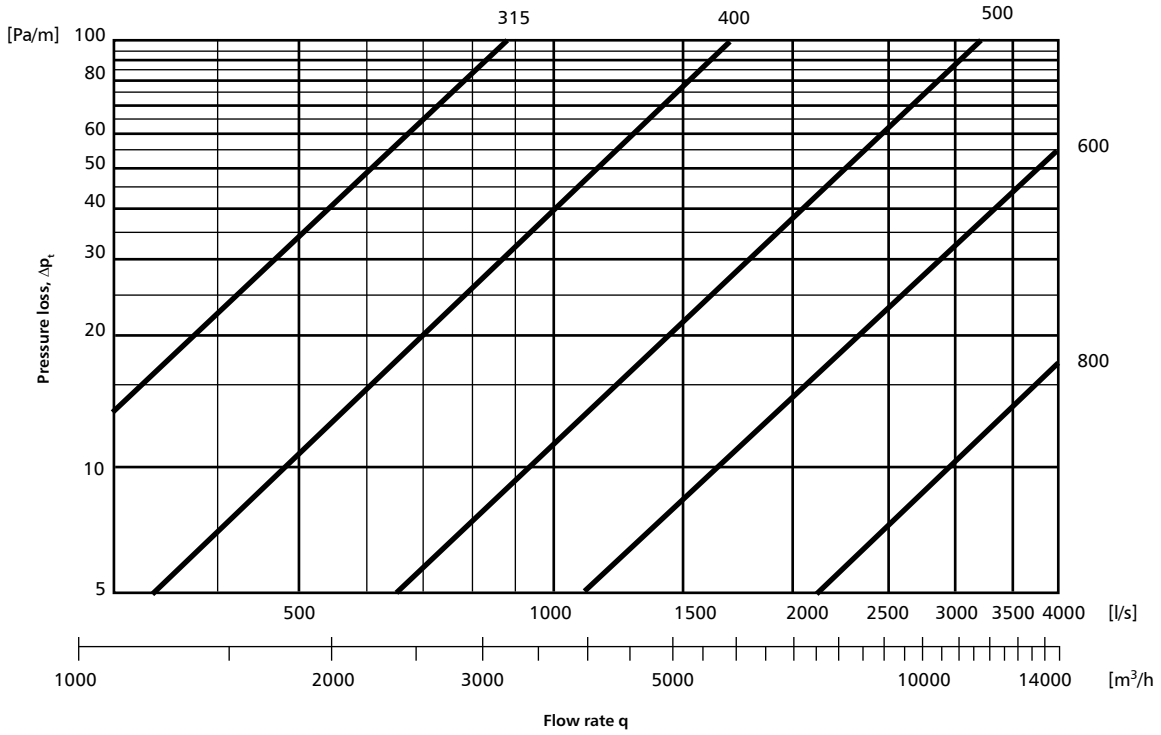
SIBRL

Dimensions

SIBRL-100 - 100 mm insulation

Description	Ød$_{1\,nom}$ [mm]	D$_{nom}$ [mm]	L [mm]	Sound insulation [dB] at frequency [Hz] 125	250	500	1000	2000	4000	Weight [kg]
SIBRL 315-1000	315	500	1000	8	20	34	43	52	37	30
315-1200	315	500	1200	11	22	37	46	54	40	35
SIBRL 400-1000	400	600	1000	8	18	30	37	42	28	39
400-1200	400	600	1200	10	22	33	44	44	31	43
400-1500	400	600	1500	12	27	29	47	47	34	53
SIBRL 500-1000	500	710	1000	7	16	26	31	32	20	46
500-1200	500	710	1200	8	17	29	37	37	22	53
500-1500	500	710	1500	9	25	37	45	43	25	67
SIBRL 630-1000	630	900	1000	6	14	21	26	24	16	59
630-1200	630	900	1200	8	16	26	30	27	18	68
630-1500	630	900	1500	9	20	31	37	31	20	87
SIBRL 800-1000	800	1000	1000	5	10	17	21	20	14	84
800-1200	800	1000	1200	6	12	19	24	23	16	99
800-1500	800	1000	1500	7	16	25	30	26	18	112

Dimensions



ALNOR® ventilation systems
is a registered trademark protected by a technical patent. All modification rights reserved.