

Insulated supply dampers SVF



Description

The SVF supply damper is designed to be mounted in the ceiling, in the wall or directly on the duct using a special mounting frame. The SVF has a smooth air flow regulation by means of a rotating central disk. The selected slot is fixed with a locking nut. The special design of the damper guarantees low noise level as well as fast and easy installation.

Material: galvanized steel sheet
Finish: powder coating RAL 9016 high gloss
Standard color: white

Example of designation

Product code: **SVF - aaa**

type _____
 Ød _____

Technical data

Parameters

The flow volume $q(l/s \text{ a60 m}^3/h)$, total pressure loss $P_t(Pa)$ and acoustic pressure level $L_A(dB(A))$ can be determined from the graph.

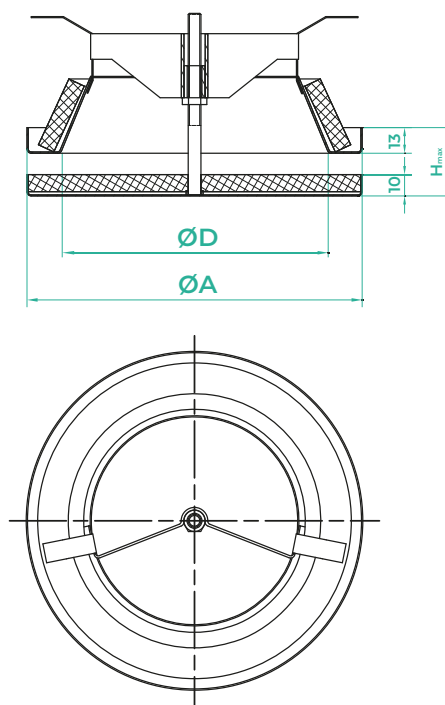
Pressure loss, P_t

The graphs depict the total pressure loss $P_t(Pa)$.

Acoustic pressure level, L_A

The graph shows the acoustic pressure level $L_A(dB(A))$. The noisiness value is presented for room attenuation of 4dB, which corresponds to room reverberation zone attenuation with 10m² SABINE room acoustic absorption.

Dimensions



ØD nom(mm)	ØA (mm)	B (mm)	weight (kg)
80	115	45	0,19
100	137	45	0,26
125	164	45	0,33
160	212	45	0,48
200	248	45	0,65

Acoustic pressure level $L_A(dB(A))$

Dimensions (mm)	Average frequency (Hz)						
	125	250	500	1000	2000	4000	8000
80	6	3	2	1	-4	-16	-20
100	4	3	2	0	-7	-15	-30
125	2	7	3	-2	-10	-20	-32
160	5	7	3	-2	-10	-19	-32
200	8	6	4	-3	-10	-19	-32
tolerance	3	2	2	2	2	2	3

Sound insulation (dB)

Dimensions (mm)	Average frequency (Hz)							
	63	125	250	500	1000	2000	4000	8000
80	22	19	14	11	2	3	7	8
100	22	16	11	8	6	6	3	6
125	20	15	9	6	4	3	3	5
160	18	13	8	5	4	4	5	6
200	17	11	7	6	6	5	6	6
tolerance	6	3	2	2	2	2	2	3

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Adjustable exhaust dampers

