

Note

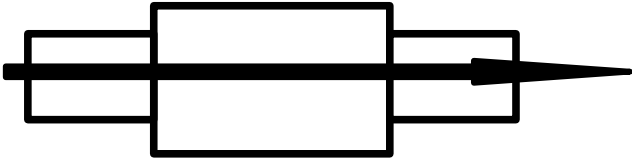
subject: Acoustical characteristics of Flexiva Sky Sono / Silencer and Flexiva Fly Sono / Silencer, summary

date: March 21, 2024

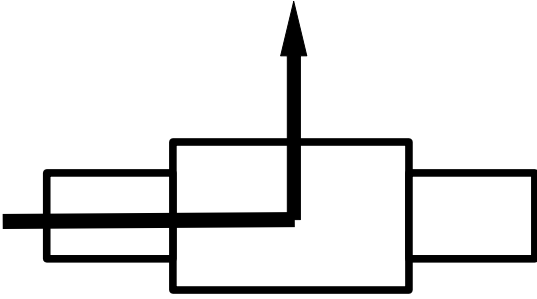
reference: RA/RA/D J/A 3 92 2- 3 E-NO

Summary test result Flexiva Sky Sono / Silencer and Flexiva Fly Sono / Silencer as described in report A 3922-3E.

The Insertion Loss is the most important figure for the acoustic quality of a duct. These figures are mentioned in the product information of manufactures

Insertion Loss (or (Linear) attenuation)							
Diameter [mm]	Length [mm]	Frequency [Hz]					
		125	250	500	1000	2000	4000
Sky Sono / Silencer (Ø203 mm)	1000	17	19	17	14	16	12
	2000	29	28	25	23	23	20
	3000	30	30	30	31	38	28
Fly Sono / Silencer (Ø203 mm)	1000	16	18	15	13	15	10
	2000	29	28	25	20	17	15
	3000	30	29	29	29	28	25

The Transmission Loss gives additional information.

Transmission Loss (or radiated attenuation)							
Diameter [mm]	Length [mm]	Frequency [Hz]					
		125	250	500	1000	2000	4000
Sky Sono / Silencer (Ø203 mm)	1000	19	14	12	12	12	14
	2000	18	14	12	12	12	13
	3000	18	14	12	12	12	13
Fly Sono / Silencer (Ø203 mm)	1000	18	14	12	12	13	14
	2000	18	14	12	12	14	14
	3000	17	13	11	11	13	14