

Circular curved silencer

BSLCU 50



Description

Lack of space is a frequent problem in air treatment installations. This means that it is often difficult to find enough straight lengths to install a straight silencer. This problem can be eliminated by installing a curved silencer.

For the same length, it mostly has better attenuation than the equivalent straight silencer. In particular, you get better attenuation at high frequencies (4 and 8 kHz).

Fire classes without protective distance: EI 30, E 120

Fire classes with protective distance to:
evacuation person:

3 kW/m² EI 120 at distance 50 mm

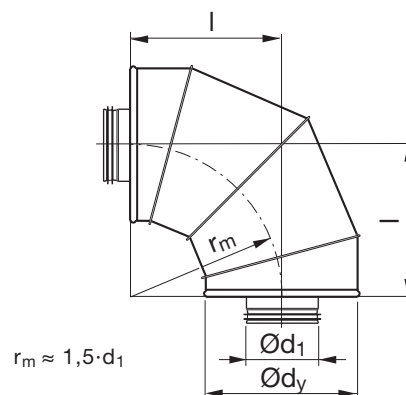
combustible materials:

10 kW/m² EI 120 at distance 5 mm

30 kW/m² EI 120 at distance 5 mm

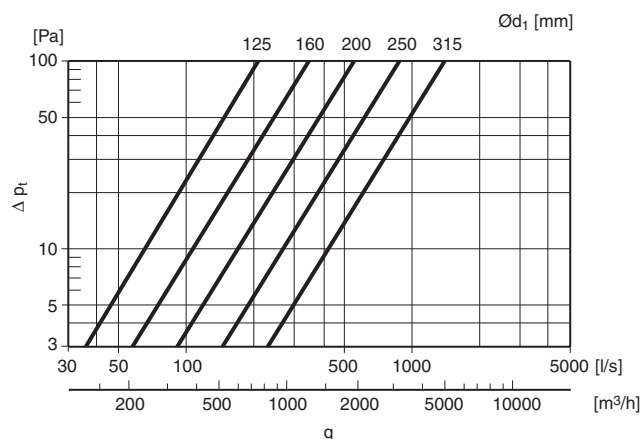
Insulation thickness 50 mm.

Dimensions



Ød ₁ nom	l mm	Attenuation [dB] centre frequency [Hz]								Ød _y mm	m kg
		63	125	250	500	1k	2k	4k	8k		
125	260	3	2	6	14	22	33	26	22	235	3,34
160	285	1	2	6	14	23	29	25	21	270	4,22
200	355	0	2	5	15	29	24	24	20	310	6,31
250	370	1	2	6	17	31	22	27	20	365	9,74
315	370	1	2	7	19	20	17	20	16	427	13,6

Technical data



Ordering example

	BSLCU	200	50
Product			
Dimension Ød ₁			
Insulation thickness			