

# Sound power levels according to ISO 3741:2010

Precision methods for reverberation test rooms - Comparison method

Client:  
Object:

Date of test: 11.9.2024

Mounting conditions:

Sweep siirtimet

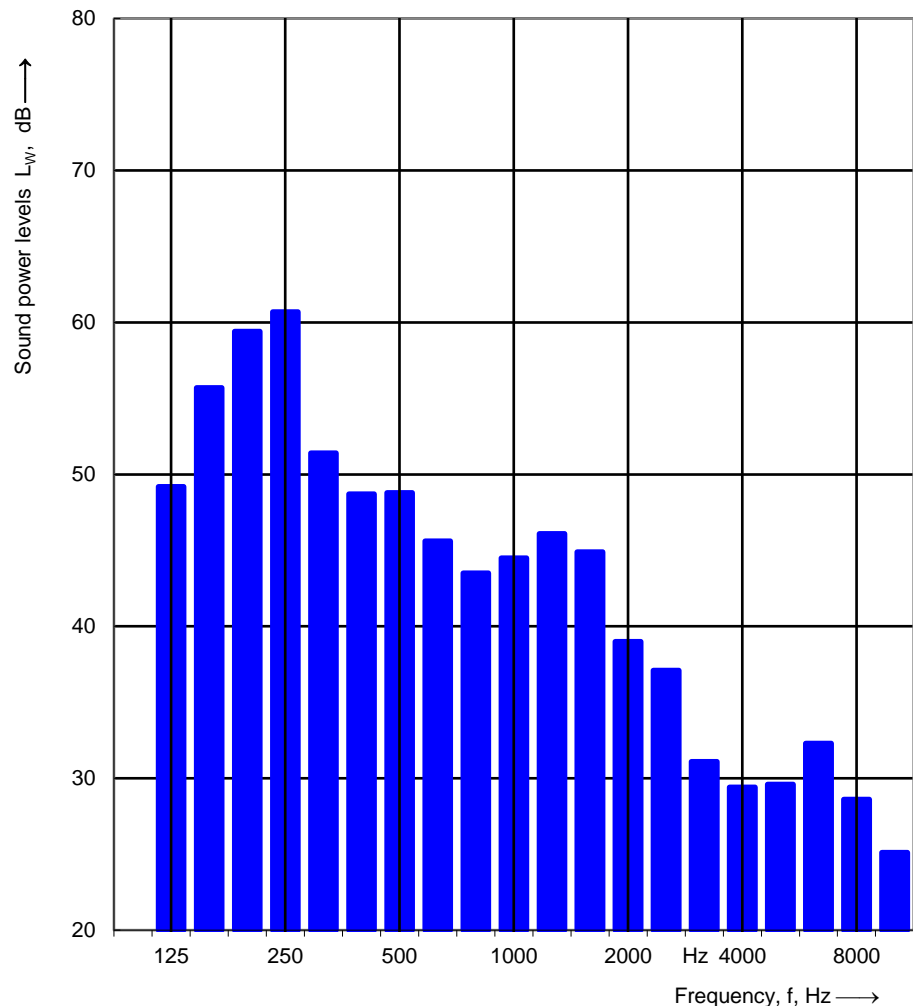
Operating conditions:

Olosuhte 0/35, teho 100%

Static pressure: 101,3 kPa  
Air temperature: 23,0 °C  
Relative air humidity: 50,0 %  
Test room volume: 183,6 m<sup>3</sup>  
Area, S, of test room: 197,7 m<sup>2</sup>

Frequency f [Hz]	L <sub>w</sub> 1/3 octave [dB]
100	
125	49,2 <sup>1</sup>
160	55,7 <sup>1</sup>
200	59,4
250	60,7
315	51,4
400	48,7
500	48,8
630	45,6
800	43,5
1000	44,5
1250	46,1
1600	44,9
2000	39,0
2500	37,1
3150	31,1
4000	29,4
5000	29,6
6300	32,3
8000	28,6
10000	25,1

<sup>1</sup> Too high



Sound power level L<sub>w</sub>(A): 57 dB

Name of test institute:

No. of test report:

Date: 11.9.2024

Signature:

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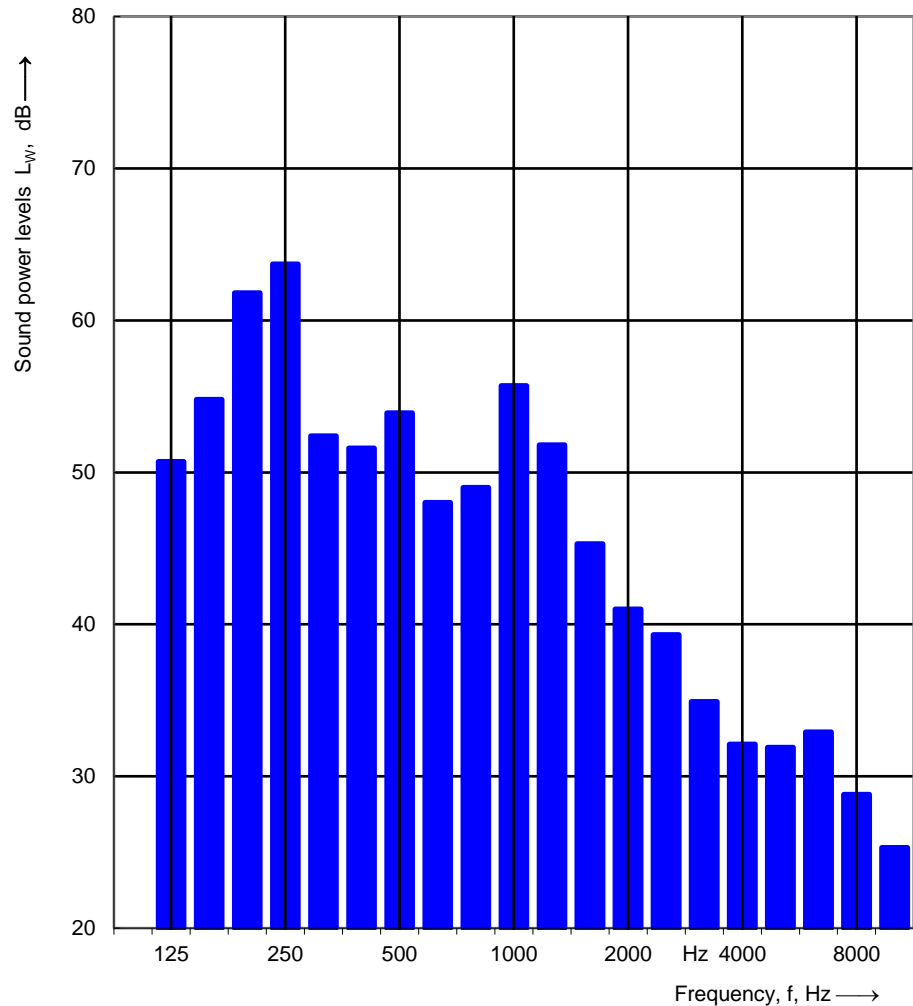
Sweep siirtimet

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Relative air humidity: 50,0 %  
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Area, S, of test room: 197,7 m<sup>2</sup>

Frequency f [Hz]	L <sub>w</sub> 1/3 octave [dB]
100	
125	50,7
160	54,8
200	61,8
250	63,7
315	52,4
400	51,6
500	53,9
630	48,0
800	49,0
1000	55,7
1250	51,8
1600	45,3
2000	41,0
2500	39,3
3150	34,9
4000	32,1
5000	31,9
6300	32,9
8000	28,8
10000	25,3



Sound power level L<sub>w</sub>(A): 62 dB

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Signature: