



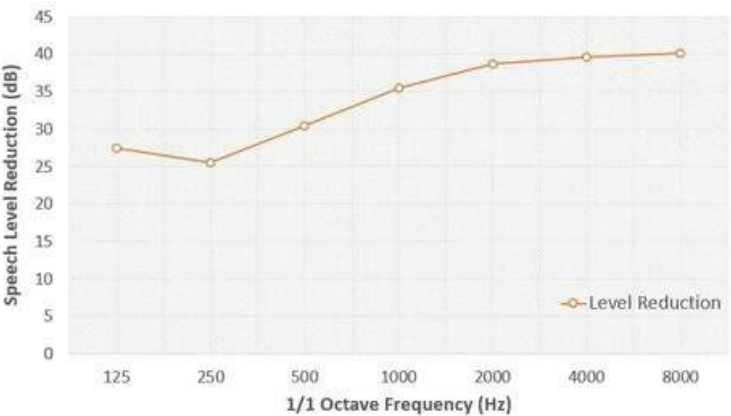
MOOD PHONE
YOUR MOOD, YOUR WAY

Verdict
P
Noise Reduction of Sound Isolating Enclosures
Test Method:

Measuring the speech level at six positions when enclosure is not at the reverberation room and the sound source is working. Place the enclosure in the reverberation room. Measuring the speech level at six positions when the sound source is working at the enclosure. Calculate the speech level reduction in each one octave band and determine the speech level reduction Class.

Test Result:

Table 1 Speech Level Reduction

Centre frequency (1/1 Octave)	D (dB)	
125	27.4	
250	25.5	
500	30.4	
1000	35.4	
2000	38.7	
4000	39.6	
8000	40.1	
Speech Level Reduction		DS,A = 31.00 dB
Class (According to ISO 23351-1:2020)		A

Remark:

Measure Equipment	Model	Equipment No.
Microphone	GRAS 46AE	KSES307102
Microphone Multi-channel Analyzer	GRAS 46AE	KSES307103
	Head-Acoustics LabCOMPACT12	KSES304301
Sound calibrator	GRAS 42AG	KSES304302a

Test data copy from report SUES240800120271

Product Pictures



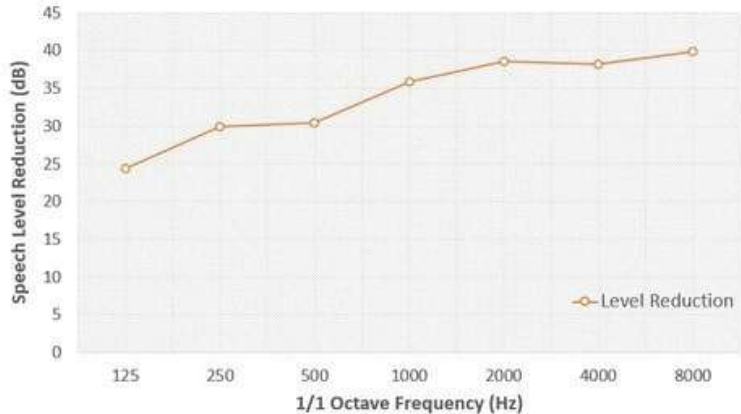
MOOD

OFFICE
FURNITURE



MOOD HYBRID

YOUR MOOD, YOUR WAY

		Verdict
Noise Reduction of Sound Isolating Enclosures		P
Test Method: Measuring the speech level at six positions when enclosure is not at the reverberation room and the sound source is working. Place the enclosure in the reverberation room. Measuring the speech level at six positions when the sound source is working at the enclosure. Calculate the speech level reduction in each one octave band and determine the speech level reduction Class.		
Test Result:		
Table 1 Speech Level Reduction		
Centre frequency (1/1 Octave)	D (dB)	
125	24.3	
250	29.9	
500	30.4	
1000	35.9	
2000	38.6	
4000	38.2	
8000	39.9	
Speech Level Reduction		DS,A = 31.72 dB
Class (According to ISO 23351-1:2020)		A
Remark:		
Measure Equipment	Model	Equipment No.
Microphone	GRAS 46AE	KSES307102
Microphone Multi-channel Analyzer	GRAS 46AE	KSES307103
	Head-Acoustics LabCOMPACT12	KSES304301
Sound calibrator	GRAS 42AG	KSES304302a

ProductPictures

***** End of Report *****



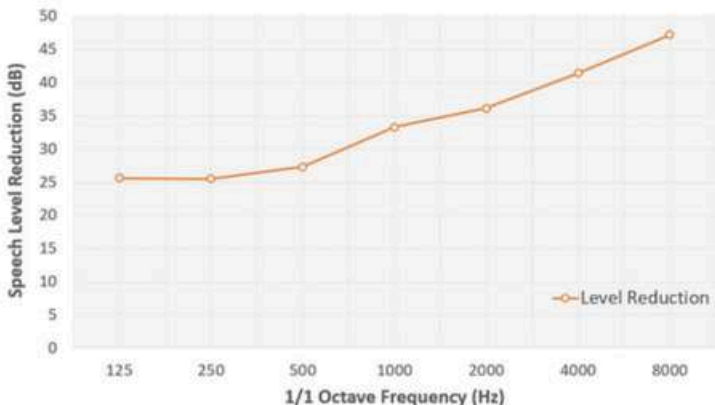
MOOD MEET
YOUR MOOD, YOUR WAY

Verdict
P
Noise Reduction of Sound Isolating Enclosures
Test Method:

Measuring the speech level at six positions when enclosure is not at the reverberation room and the sound source is working. Place the enclosure in the reverberation room. Measuring the speech level at six positions when the sound source is working at the enclosure. Calculate the speech level reduction in each one octave band and determine the speech level reduction Class.

Test Result:

Table 1 Speech Level Reduction

Centre frequency (1/1 Octave)	D (dB)	
125	25.6	
250	25.5	
500	27.3	
1000	33.3	
2000	36.1	
4000	41.4	
8000	47.2	
Speech Level Reduction		DS,A = 28.60 dB
Class (According to ISO 23351-1:2020)		B

Verdict
P
Noise Reduction of Sound Isolating Enclosures
Test Method:

Place the enclosure in the reverberation room. Measuring the noise level at four positions inside the enclosure and at least six positions outside the enclosure when the sound source is working at 2 different positions in the reverberation room. Calculate the noise reduction in each one-third octave band and determine the Noise Isolation Class.

Test Result:

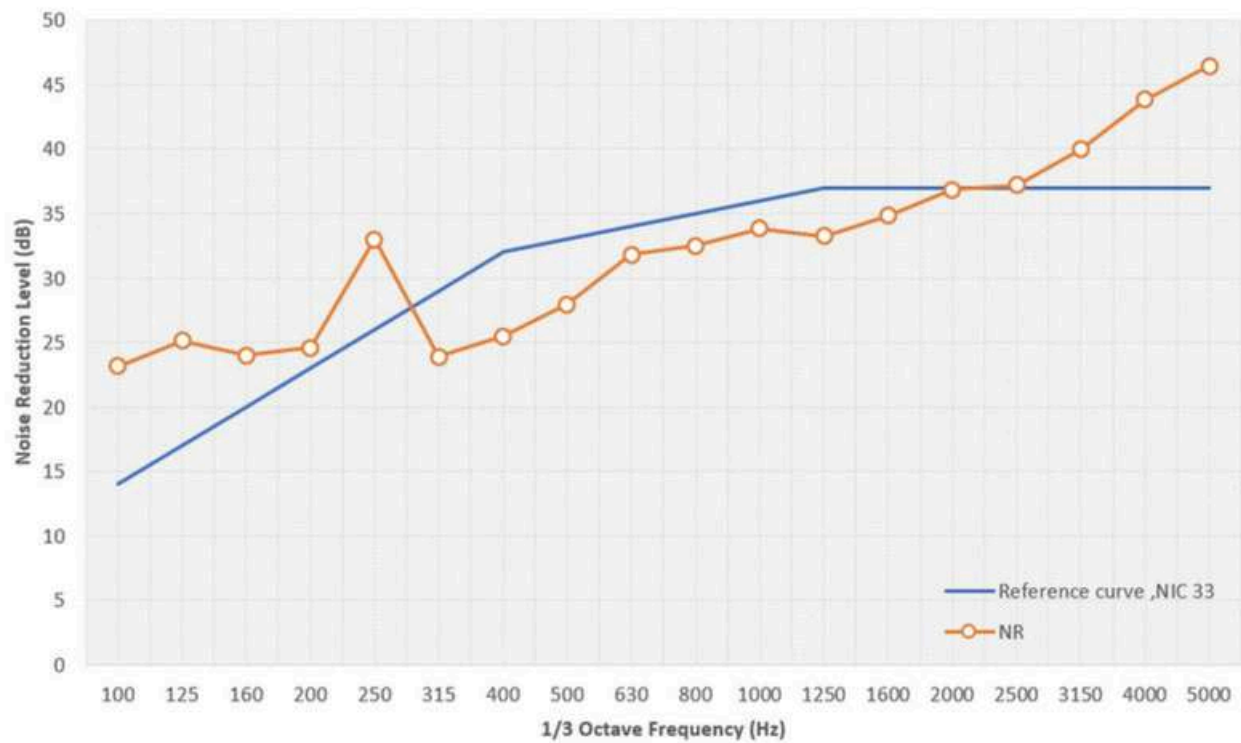
Table 1 Noise level reduction

Centre frequency (1/3 Octave Hz)	Noise Level (dB)		Noise Level Reduction (dB)	Background Noise of test Lab (dB)
	Outside of the pod	Inside of the pod		
100	82.14	58.97	23.17	20.4
125	85.88	60.71	25.17	28.3
160	85.71	61.69	24.02	28.4
200	83.78	59.19	24.59	16.5
250	85.03	52.04	32.99	19.5
315	83.51	59.59	23.92	17.2
400	83.62	58.14	25.48	15.0
500	83.30	55.35	27.95	14.3
630	83.39	51.60	31.79	14.0
800	83.95	51.43	32.52	13.3
1000	83.17	49.33	33.84	14.8
1250	78.47	45.24	33.23	12.6
1600	82.58	47.73	34.85	15.8
2000	80.47	43.62	36.85	15.7
2500	78.46	41.26	37.20	20.7
3150	77.31	37.35	39.96	15.5
4000	78.62	34.79	43.83	17.1
5000	72.90	26.42	46.48	17.0

Table 2 Noise level reduction and NIC 33

Centre frequency (1/3 Octave Hz)	Noise Level Reduction (dB)	Reference sound insulation counter NIC=33	Deficiency (dB)
100	23.17	14	0
125	25.17	17	0
160	24.02	20	0
200	24.59	23	0
250	32.99	26	0
315	23.92	29	5.08
400	25.48	32	6.52
500	27.95	33	5.05
630	31.79	34	2.21
800	32.52	35	2.48
1000	33.84	36	2.16
1250	33.23	37	3.77
1600	34.85	37	2.15
2000	36.85	37	0.15
2500	37.20	37	0
3150	39.96	37	0
4000	43.83	37	0
5000	46.48	37	0
Total deficiency			29.6

Figure 1 Noise isolation performance refer NIC 33



Remark:

Test Items	Requirements
Speech level reduction	$\geq B$
Noise Isolation class	32

Measure Equipment	Model	Equipment No.
Microphone	GRAS 46AE	KSES307102
Microphone Multi-channel Analyzer	GRAS 46AE	KSES307103
	Head-Acoustics LabCOMPACT12	KSES304301
Sound calibrator	GRAS 42AG	KSES304302a

Product Pictures



***** End of Report *****

CLASE	DS,A (dB)	DESCRIPCIÓN
A+	≥ 33 dB	Aislamiento excepcional · Rendimiento superior al exigido por la norma · Adecuado para entornos que requieren un alto nivel de privacidad del habla, incluso en zonas con elevado ruido de fondo
CLASE	DS,A (dB)	DESCRIPCIÓN
A	≥ 30 dB	Aislamiento acústico muy elevado · Permite mantener conversaciones privadas incluso en entornos con ruido ambiental
CLASE	DS,A (dB)	DESCRIPCIÓN
B	≥ 25 dB	Aislamiento acústico elevado · Adecuado para llamadas confidenciales
CLASE	DS,A (dB)	DESCRIPCIÓN
C	≥ 20 dB	Aislamiento acústico básico · Suficiente para reducir las perturbaciones
CLASE	DS,A (dB)	DESCRIPCIÓN
D	≥ 15 dB	Aislamiento acústico moderado · Proporciona cierta reducción del ruido, pero no garantiza una privacidad total
CLASE	DS,A (dB)	DESCRIPCIÓN
E	< 15 dB	Bajo rendimiento acústico · Reducción del sonido escasa o inexistente

La ISO 23351-1:2020 es una norma internacional utilizada para medir el rendimiento acústico del mobiliario y de las cabinas acústicas en espacios de oficina.

Esta norma evalúa la capacidad de una cabina o solución acústica para reducir el ruido de la voz, especialmente en espacios abiertos y zonas de trabajo colaborativo. El resultado se expresa normalmente en dB (decibelios) e indica el nivel de privacidad acústica proporcionado.