Phonak Solana 312 UZ (M)

Compact ITE, battery size 312 (for fitting range, product details and available options, please see Product Information or visit www.phonakpro.com).

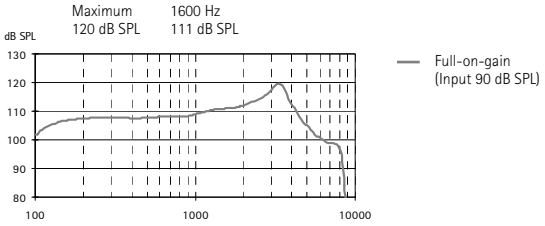
Unless otherwise specified, all data obtained are measured with 5 mm tubing and Phonak Target measurement settings.

Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not effect the actual performance with naturally occurring broadband input signals.

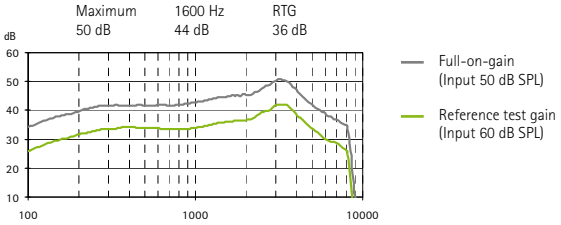
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

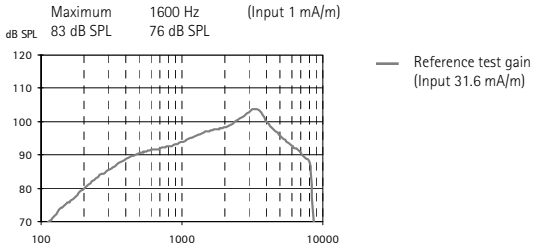


Acoustic gain



Frequency range	<100 Hz - 8200 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	2.5%	2.5%	2%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



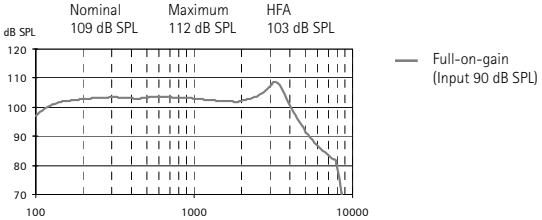
Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

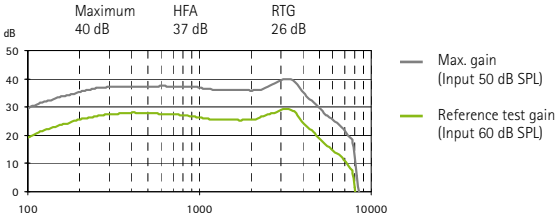
2cm^3 coupler data

ANSI S3.22-2009

Output sound pressure level

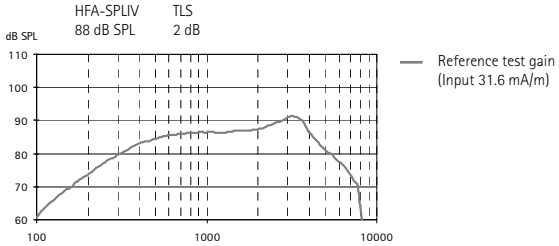


Acoustic gain



Frequency range	<100 Hz - 7900 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1.5%	1%
Equivalent input noise level	19 dB SPL		

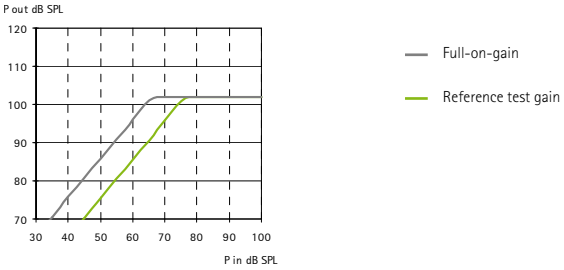
Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

Input / Output characteristics at 2000 Hz



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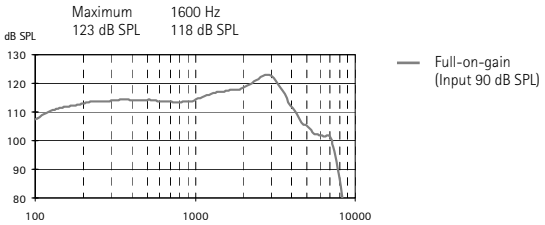
Phonak Solana 312 UZ (P)

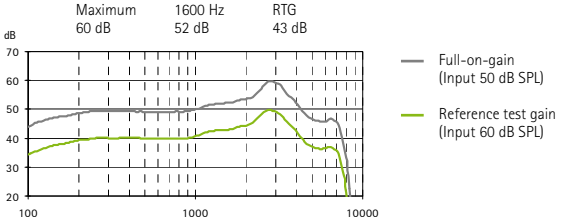
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

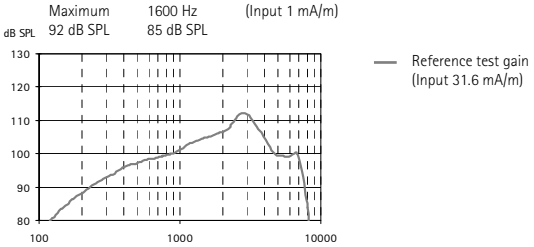


Acoustic gain



Frequency range	<100 Hz - 7500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	2.5%	2.5%	2%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



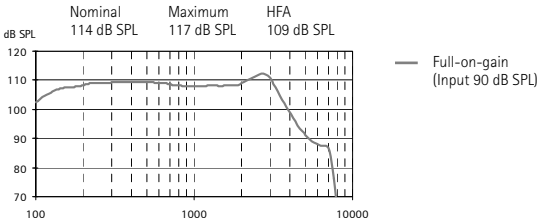
Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

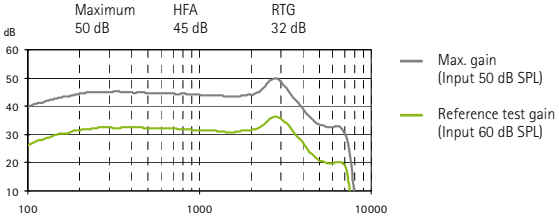
2cm^3 coupler data

ANSI S3.22-2009

Output sound pressure level

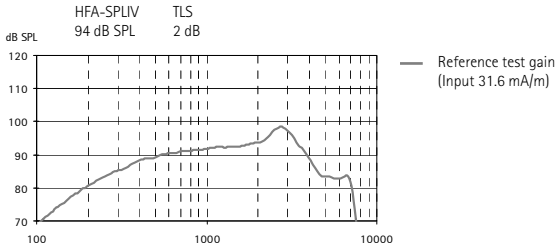


Acoustic gain



Frequency range	<100 Hz - 7200 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1.5%	1.5%
Equivalent input noise level	19 dB SPL		

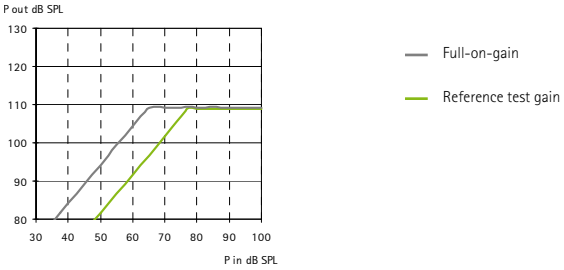
Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

Input / Output characteristics at 2000 Hz



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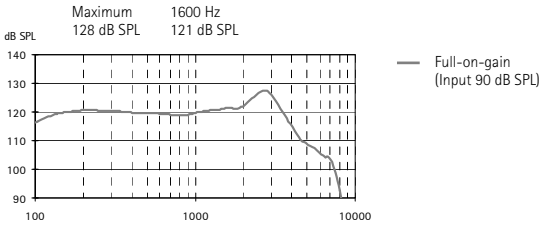
Phonak Solana 312 UZ (SP)

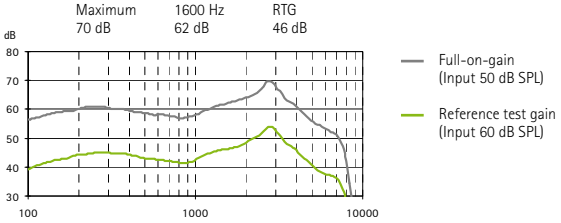
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

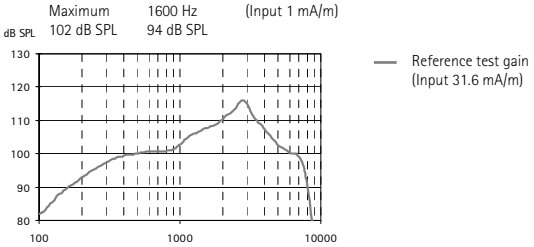


Acoustic gain



Frequency range	< 100 Hz -7500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1.5%	1%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



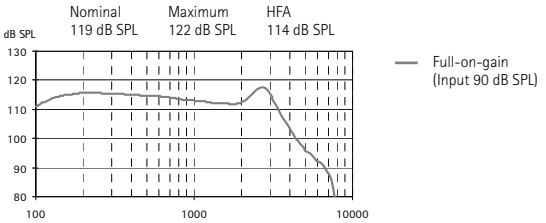
Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

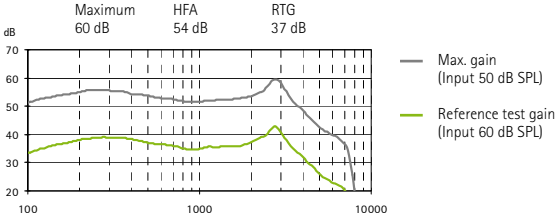
2cm^3 coupler data

ANSI S3.22-2009

Output sound pressure level

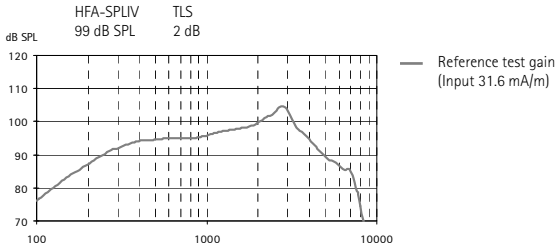


Acoustic gain



Frequency range	< 100 Hz - 7200 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1%
Equivalent input noise level	19 dB SPL		

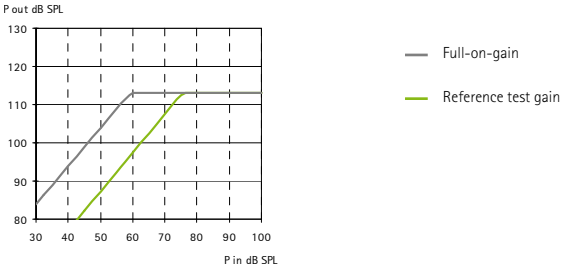
Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	10 ms	**50 ms**

Input / Output characteristics at 2000 Hz



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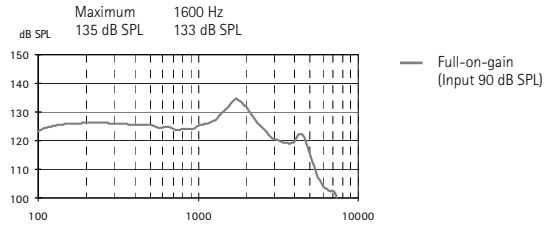
Phonak Solana 312 UZ (UP)

(available in specific countries only)

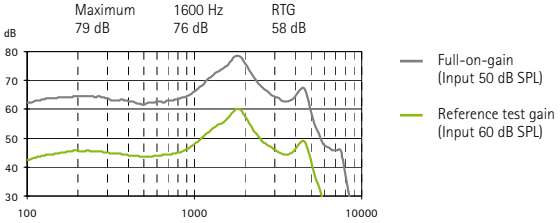
Ear simulator data

EN / IEC 60118 and IEC 60711

Output sound pressure level

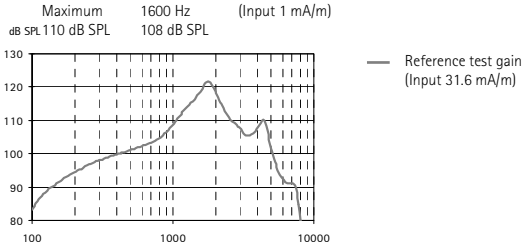


Acoustic gain



Frequency range	100 Hz - 5000 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1.5%	1.5%	1%
Battery current	Quiescent	Working	
	1.1 mA	1.2 mA	
Equivalent input noise level	19 dB SPL		

Induction coil sensitivity



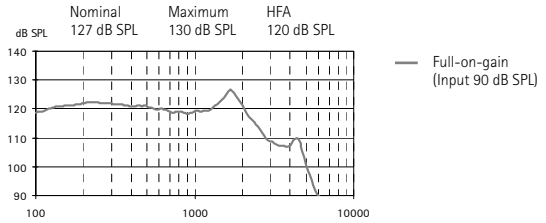
Dynamic data

Compression	Attack time	Recovery time
	10 ms	50 ms

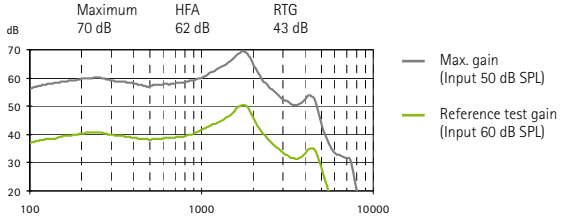
2cm^3 coupler data

ANSI S3.22-2009

Output sound pressure level

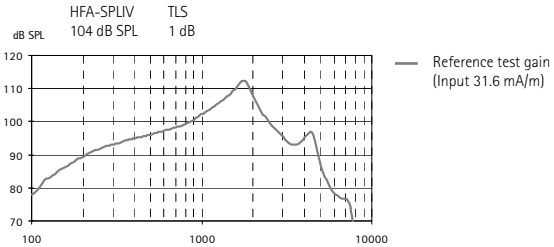


Acoustic gain



Frequency range	<100 Hz - 5500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1%
Equivalent input noise level	19 dB SPL		

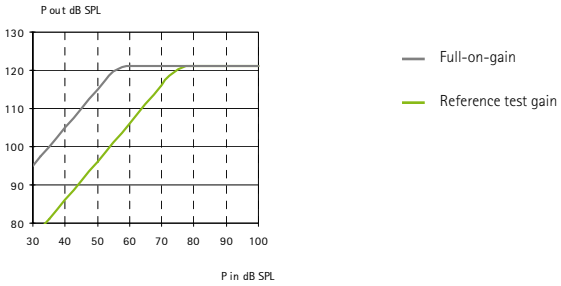
Induction coil sensitivity



Dynamic data

Compression	Attack time	Recovery time
	10 ms	50 ms

Input / Output characteristics at 2000 Hz



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