



Technical Data

Phonak Bolero B

Phonak Bolero B-PR (B90/B70/B50) (SlimTube HE)

Compact power BTE, with a rechargeable Li-ion battery (for fitting range, product details and available options, please see Product Information or visit www.phonakpro.com).

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 affect the actual performance with naturally occurring broadband input signals.

Ear simulator data

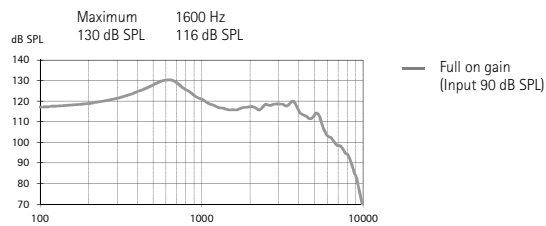
IEC 60118-0 : 1994

2cm³ coupler data

ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

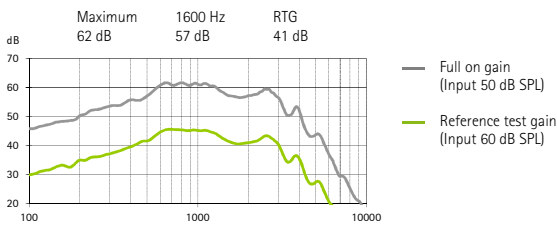
Output sound pressure level



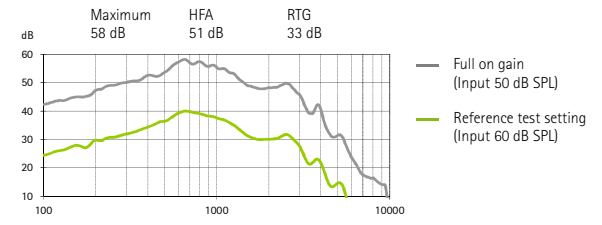
Output sound pressure level



Acoustic gain



Acoustic gain



Frequency range	<100 Hz - 5500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1.5%
Expected operating time	24h		
Equivalent input noise level	19 dB SPL		

Frequency range	<100 Hz - 5400 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	1%	1%	1.5%
Expected operating time	24h		
Equivalent input noise level	19 dB SPL		

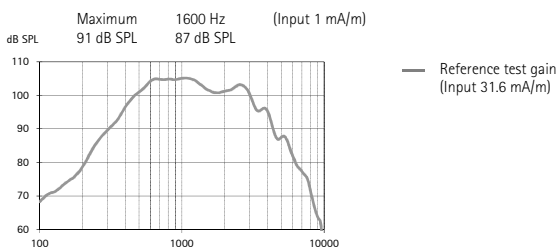
Rechargeable lithium-ion battery information

Watt hour rating	≤ 20 Wh
Net Weight	1.1 g

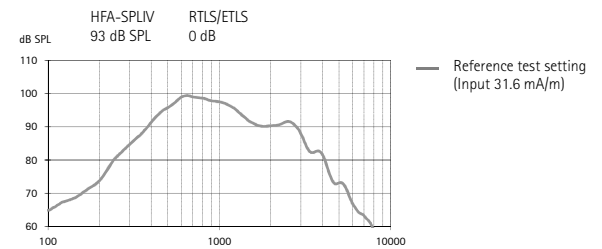
Rechargeable lithium-ion battery information

Watt hour rating	≤ 20 Wh
Net Weight	1.1 g

Induction coil sensitivity



Induction coil sensitivity



* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.



Technical Data

Phonak Bolero B

Phonak Bolero B-PR (B90/B70/B50) (HE10 680)



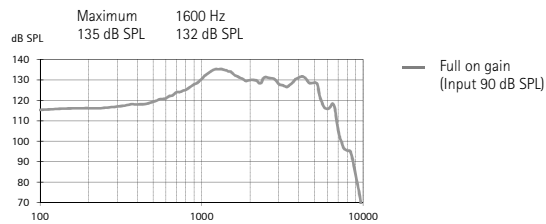
Warning to hearing care professionals:
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

Unless otherwise specified, all data obtained are measured with the hook type HE10 680 and Phonak Target measurement settings.

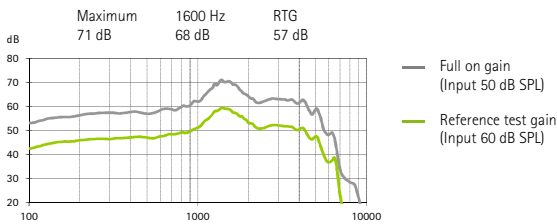
Ear simulator data

IEC 60118-0 : 1994

Output sound pressure level



Acoustic gain

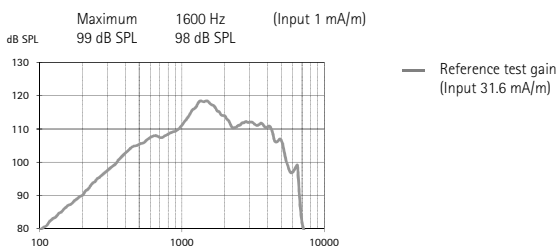


Frequency range	100 Hz - 5500 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	5%	4%	2%
Expected operating time*	24h		
Equivalent input noise level	19 dB SPL		

Rechargeable lithium-ion battery information

Watt hour rating	≤ 20 Wh
Net Weight	1.1 g

Induction coil sensitivity



* Expected operating time of the rechargeable battery depends on active features, the use of wireless accessories, hearing loss, battery age and sound environment.

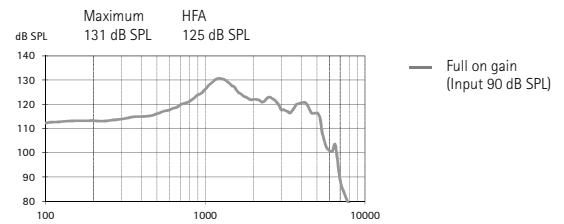
Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not affect the actual performance with naturally occurring broadband input signals.

2cm³ coupler data

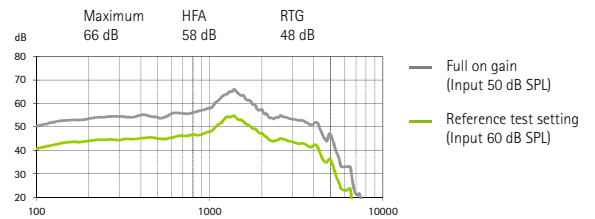
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

Output sound pressure level



Acoustic gain



Frequency range	<100 Hz - 5400 Hz		
Total harmonic distortion	500 Hz	800 Hz	1600 Hz
	5%	4%	2%
Expected operating time	24h		
Equivalent input noise level	19 dB SPL		

Rechargeable lithium-ion battery information

Watt hour rating	≤ 20 Wh
Net Weight	1.1 g

Induction coil sensitivity

