



## Technical Data

# Phonak Bolero B

## Phonak Bolero B-SP (B90/B70/B50/B30) (SlimTube HE)

Compact SuperPower BTE, battery size 13 (for fitting range, product details and available options, please see Product Information or visit [www.phonakpro.com](http://www.phonakpro.com)).



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.

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

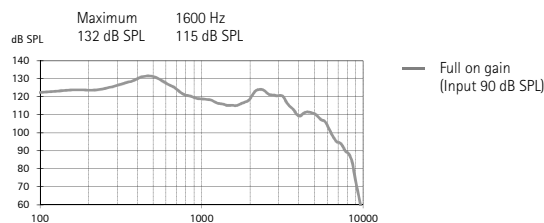
IEC 60118-0 : 1994

### 2cm<sup>3</sup> coupler data

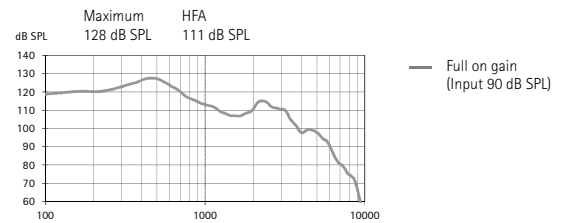
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

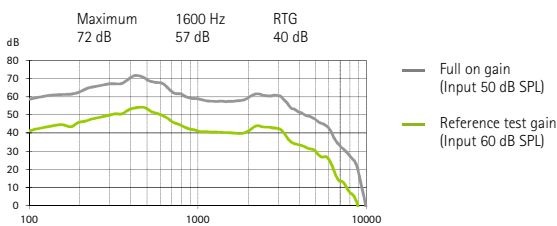
#### Output sound pressure level



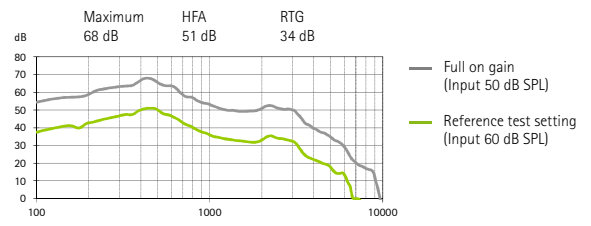
#### Output sound pressure level



#### Acoustic gain



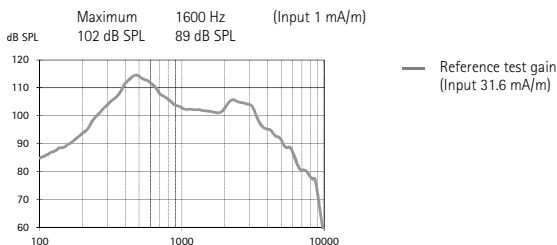
#### Acoustic gain



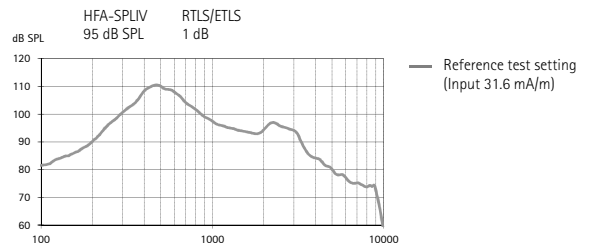
|                              |                   |         |         |
|------------------------------|-------------------|---------|---------|
| Frequency range              | <100 Hz - 6000 Hz |         |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz  | 1600 Hz |
|                              | 1%                | 1.5%    | 1%      |
|                              | Battery current   |         |         |
|                              | Quiescent         | Working |         |
|                              | 1.1 mA            | 1.2 mA  |         |
| Equivalent input noise level | 19 dB SPL         |         |         |

|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| Frequency range              | <100 Hz - 6000 Hz |        |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz | 1600 Hz |
|                              | 1%                | 1%     | 1%      |
|                              | Battery current   |        |         |
|                              | 1.3 mA            |        |         |
| Equivalent input noise level | 19 dB SPL         |        |         |

#### Induction coil sensitivity



#### Induction coil sensitivity





## Technical Data

# Phonak Bolero B

## Phonak Bolero B-SP (B90/B70/B50/B30) (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.

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

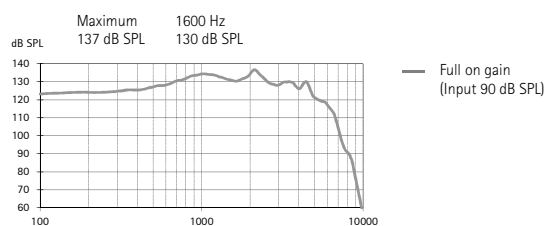
IEC 60118-0 : 1994

### 2cm<sup>3</sup> coupler data

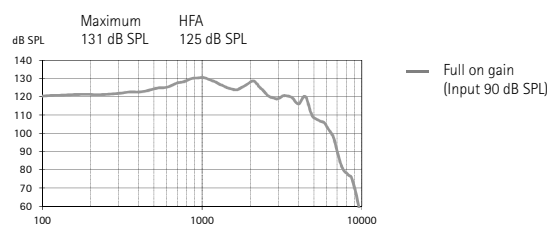
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

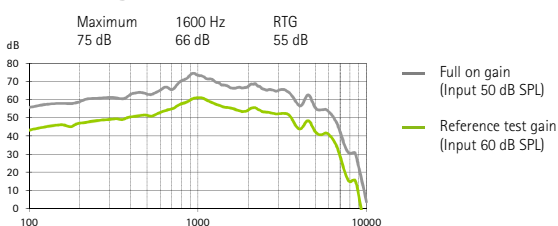
### Output sound pressure level



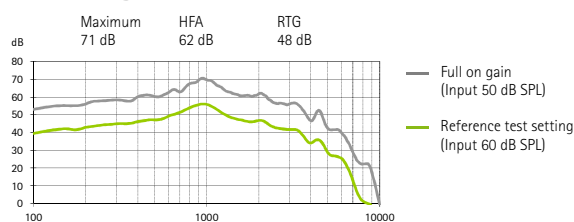
### Output sound pressure level



### Acoustic gain



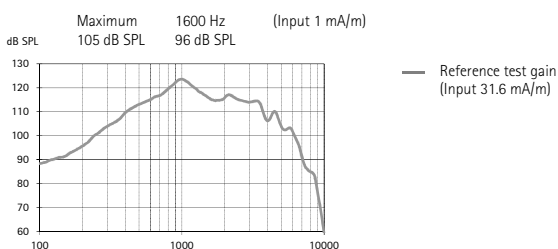
### Acoustic gain



|                              |                   |         |         |
|------------------------------|-------------------|---------|---------|
| Frequency range              | <100 Hz - 6100 Hz |         |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz  | 1600 Hz |
|                              | 2.5%              | 1%      | 1%      |
| Battery current              | Quiescent         | Working |         |
|                              | 1.1 mA            | 1.2 mA  |         |
| Equivalent input noise level | 19 dB SPL         |         |         |

|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| Frequency range              | <100 Hz - 5000 Hz |        |         |
| Total harmonic distortion    | 500 Hz            | 800 Hz | 1600 Hz |
|                              | 2%                | 1%     | 1%      |
| Battery current              | 1.6 mA            |        |         |
| Equivalent input noise level | 19 dB SPL         |        |         |

### Induction coil sensitivity



### Induction coil sensitivity

