



## 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](http://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

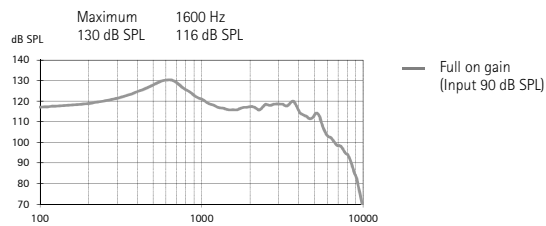
IEC 60118-0 : 1994

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

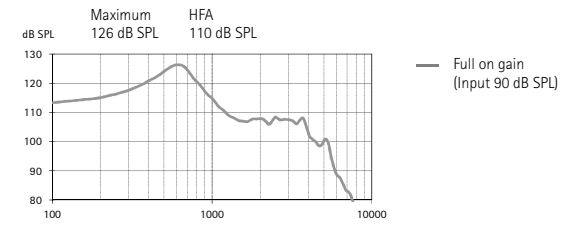
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

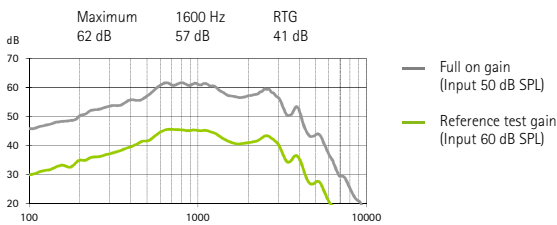
#### Output sound pressure level



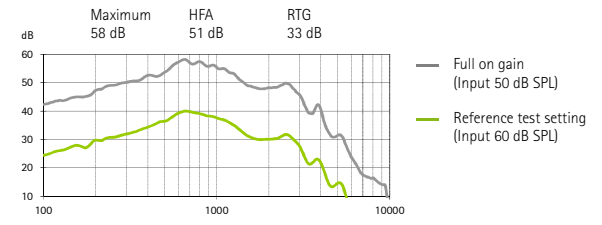
#### Output sound pressure level



#### Acoustic gain



#### Acoustic gain



|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| Frequency range              | <100 Hz - 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         |        |         |

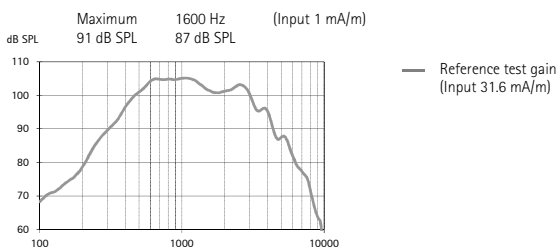
### Rechargeable lithium-ion battery information

|                  |         |
|------------------|---------|
| Watt hour rating | ≤ 20 Wh |
| Net Weight       | 1.1 g   |

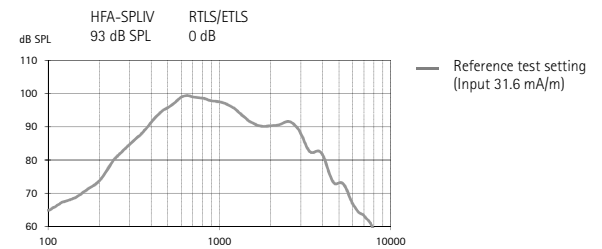
### Rechargeable lithium-ion battery information

|                  |         |
|------------------|---------|
| 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)



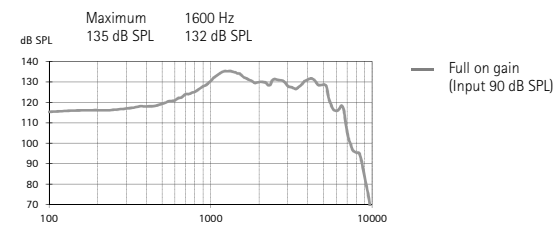
**Warning to hearing care professionals:**  
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

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

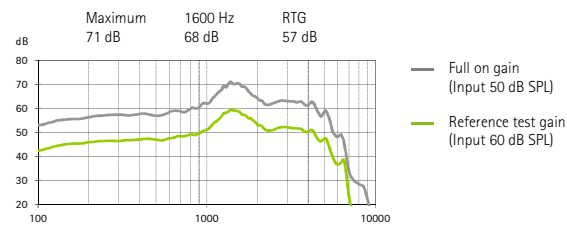
### Ear simulator data

IEC 60118-0 : 1994

#### Output sound pressure level



#### Acoustic gain

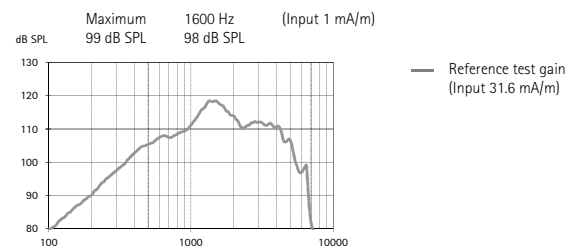


|                              |                  |        |         |
|------------------------------|------------------|--------|---------|
| Frequency range              | 100 Hz - 5500 Hz |        |         |
| Total harmonic distortion    | 500 Hz           | 800 Hz | 1600 Hz |
|                              | 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.

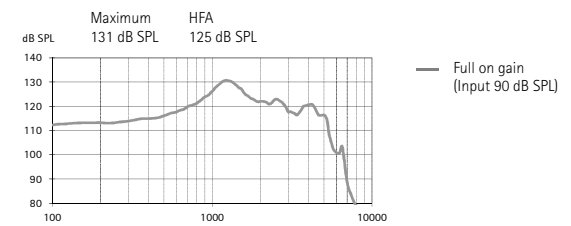
Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not affect the actual performance with naturally occurring broadband input signals.

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

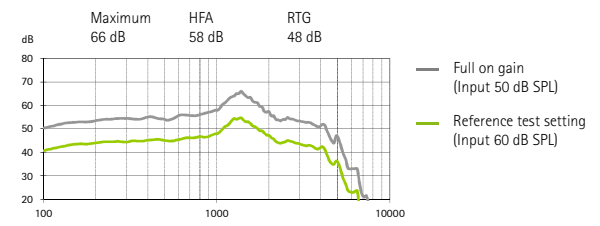
ANSI / ASA S3.22-2014

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

