



## Phonak Nathos Auto SP (HE10 680)

Compact SuperPower BTE, battery size 13 (for fitting range, product details and available options, please see Phonak Target).



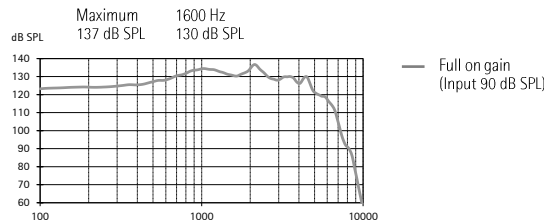
Warning to hearing care professionals:  
This hearing instrument has an output sound pressure level that can exceed 132 dB SPL. Special care should be taken when fitting this instrument as there is a risk of impairing the residual hearing of the user.

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

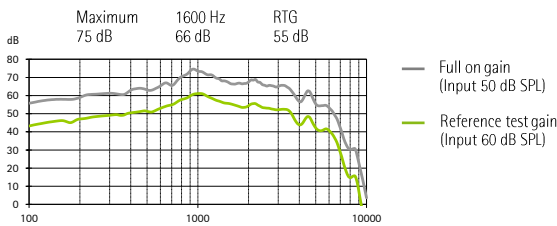
### Ear simulator data

IEC 60118-0 : 1994

#### Output sound pressure level

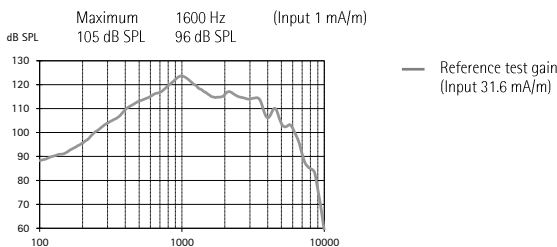


#### Acoustic gain



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

#### Induction coil sensitivity



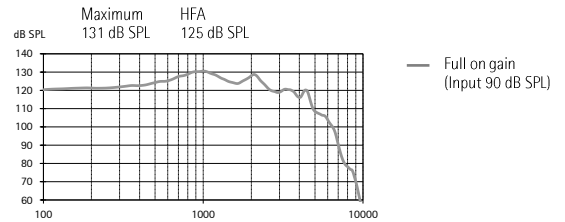
Note: Using pure tone measurements with a digital hearing instrument can result in a wavy frequency response. This is an artifact resulting from the use of a narrowband input signal and does not affect the actual performance with naturally occurring broadband input signals.

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

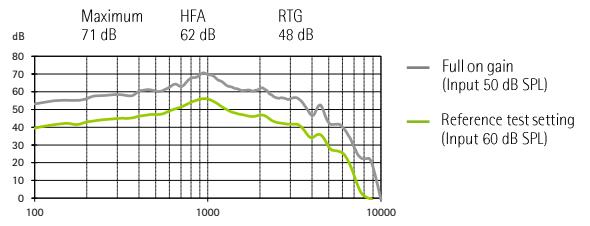
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

#### Output sound pressure level

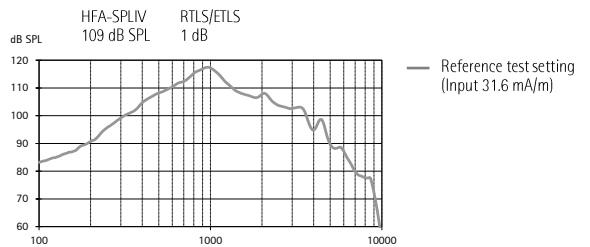


#### Acoustic gain



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





## Phonak Nathos Auto SP (SlimTube HE)



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.

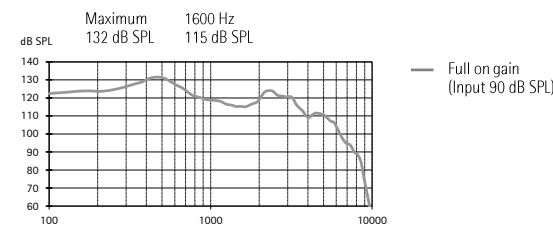
Unless otherwise specified, all data obtained are measured in a closed configuration with a straight measurement SlimTube HE (Art. No. 004-0425) and a coupling disc (Art. No. 002-0412) onto a HA-1 coupler (ANSI-S3.7-1995) or an occluded-ear simulator (EN 60711, coupling arrangement according to fig. 4 in the test standard), and in the 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.

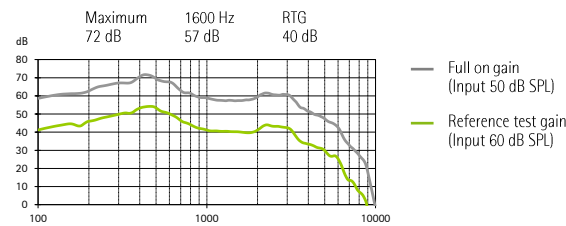
### Ear simulator data

IEC 60118-0 : 1994

#### Output sound pressure level

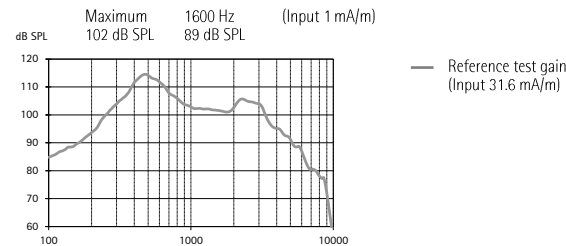


#### Acoustic gain



|                              |                   |         |         |
|------------------------------|-------------------|---------|---------|
| 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         |         |         |

#### Induction coil sensitivity

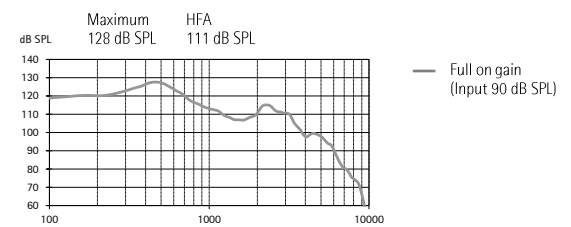


### 2cm³ coupler data

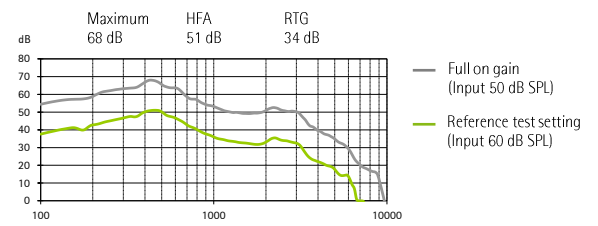
ANSI / ASA S3.22-2014

IEC 60118-0 : 2015

#### Output sound pressure level



#### Acoustic gain



|                              |                   |        |         |
|------------------------------|-------------------|--------|---------|
| 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

