**Response Curve**

Sensitivity Mag - dB SPL/watt (8.0 ohm load) (0.33 oct)(eq)

**Impedance Curve**

- on axis
- 30° off-axis
- On IEC baffle

**Courbe de réponse**
- dans l'axe
- à 30°
- Sur baffle CEI

**Courbe d'impédance**

**Specifications**

<table>
<thead>
<tr>
<th>Technical Characteristics</th>
<th>Symbol</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Impedance</td>
<td>Z</td>
<td>8</td>
<td>Ω</td>
</tr>
<tr>
<td>Resonance Frequency</td>
<td>Fs</td>
<td>250</td>
<td>Hz</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>P</td>
<td>40</td>
<td>W</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>E</td>
<td>93</td>
<td>dB</td>
</tr>
</tbody>
</table>

**Voice Coil**

- Voice coil diameter: Ø 25 mm
- Minimum Impedance: Zmin 7 Ω
- DC Resistance: Re 6.4 Ω
- Voice Coil Inductance: Lbr 0.19 mH
- Voice coil Length: h 6.5 mm
- Former: - Kapton -
- Number of layers: n 1 -

**Magnet**

- Magnet dimensions: Ø x h 84 x 15 mm
- Magnet weight: m 0.35 kg
- Flux density: B 1.1 T
- Force factor: BL 4.7 NA⁻¹
- Height of magnetic gap: He 4 mm
- Stray flux: Fmag - Am⁻¹
- Linear excursion: Xmax ±1.25 mm

**Parameters**

- Suspension Compliance: Cms 0.2110⁻¹ mN⁻¹
- Mechanical Q Factor: Qms 4.26 -
- Electrical Q Factor: Qes 0.99 -
- Total Q Factor: QTs 0.81 -
- Mechanical Resistance: Rms 0.92 kg s⁻¹
- Moving Mass: Mms 2.510⁻³ kg
- Effective Piston Area: S 0.5210⁻¹ m²
- Volume Equivalent of Air at Csa: VAs 0.8410⁻¹ m³
- Mass of speaker: M 1 kg

**Application Parameters**

<table>
<thead>
<tr>
<th>Fc</th>
<th>Crossover Frequency</th>
<th>Hz</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>Slope</td>
<td>dB / Oct.</td>
</tr>
<tr>
<td>L</td>
<td>Self-inductance</td>
<td>mH</td>
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<tr>
<td>C</td>
<td>Capacitor</td>
<td>pF</td>
</tr>
<tr>
<td>P</td>
<td>Nominal Power Handling</td>
<td>W</td>
</tr>
</tbody>
</table>

**Suggested Applications**

- Fc 500 12 1.2 36 60
- 800 12 1 20 100

Please refer to method of measurement and measurement conditions pages 15 to 19.

Audax may, without prior notification modify the specifications on its products further to research and development requirements.