**RESPONSE CURVE**

Sensitivity Mag - dB SPL/watt (8.8 ohm load) (0.33 oct)(eq)

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

**IMPEDANCE CURVE**

**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>65</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>87</td>
<td>dB</td>
</tr>
</tbody>
</table>

**VOICE COIL**

- Voice coil diameter: Ø 25 mm
- Minimum Impedance: Zmin 6.5 Ω
- DC Resistance: Re 6.3 Ω
- Voice Coil Inductance: Lb 0.18 mH
- Voice coil Length: h 9.6 mm
- Former: Kapton
- Number of layers: n 1

**MAGNET**

- Magnet dimensions: Ø x h 72 x 15 mm
- Magnet weight: m 0.24 kg
- Flux density: B 1 T
- Force factor: BL 5.5 NA
- Height of magnetic gap: He 4 mm
- Stray flux: Fmag - Am
- Linear excursion: Xmax ±2.8 mm

**PARAMETERS**

- Suspension Compliance: Cms 1.47 x 10^1 mN
- Mechanical Q Factor: Qms 7.03
- Electrical Q Factor: Qes 0.36
- Total Q Factor: Qts 0.35
- Mechanical Resistance: Rms 0.21 kg s
- Moving Mass: Mms 4.1 x 10^-1 kg
- Effective Piston Area: S 0.52 x 10^-3 m²
- Volume Equivalent of Air at Cas: Vas 5.4 x 10^-3 m³
- Mass of speaker: M 0.7 kg

**APPLICATION PARAMETERS**

<table>
<thead>
<tr>
<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
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</thead>
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<tr>
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</table>

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.