5"1/4" HDA cone driver
High impact polymer chassis

- HDA (High Definition Aerogel) cone
- Non resonant high impact polymer chassis
- High loss rubber surround
- Built in cosmetic ring designed for front-rear and recessed mounting
- High temperature voice coil
- Aluminium former

Response Curve

Waterfall

Cumulative Spectral Decay
Log Frequency - Hz

Specifications

<table>
<thead>
<tr>
<th>Technical characteristics</th>
<th>Symbol</th>
<th>Value</th>
<th>Units</th>
</tr>
</thead>
<tbody>
<tr>
<td>PRIMARY APPLICATION</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>Z</td>
<td>6</td>
<td>Ω</td>
</tr>
<tr>
<td>Resonance Frequency</td>
<td>Fs</td>
<td>56.1</td>
<td>Hz</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>P</td>
<td>40</td>
<td>W</td>
</tr>
<tr>
<td>Sensitivity (2,83 V - 1m)</td>
<td>E</td>
<td>87.7</td>
<td>dB</td>
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</tbody>
</table>

Voice Coil

- Voice Coil Diameter: \( \phi \) 25 mm
- Minimum Impedance: Zmin 6 Ω
- DC Resistance: Dcr 5.2 Ω
- Voice Coil Inductance: Ltm 0.43 mH
- Voice Coil Length: h 10 mm
- Former: Aluminum
- Number of Layers: n 2
- Wire type: round

Magnet

- Magnet Dimensions: \( 72 \times 15 \) mm
- Magnet Weight: m 0.245 kg
- Flux Density: B 1 T
- Force Factor: BL 5.02 NA
- Weight of Magnetic Gap: Heg 4 mm
- Stray Flux: Fmag - Am^2
- Linear Excursion: Xmax ± 3 mm

Parameters

- Suspension Compliance: Cms 1154 μm/N
- Mechanical Q Factor: Qms 1.46 -
- Electrical Q Factor: Qes 0.51 -
- Total Q Factor: Qts 0.38 -
- Mechanical Resistance: Rms 1.68 kg/s
- Moving Mass: Mms 6.99 g
- Effective Piston Area: S 83.32 cm^2
- Volume Equivalent of At Ciss: Ves 11.25 liters

Suggested Applications

<table>
<thead>
<tr>
<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
<th>F-3</th>
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</thead>
<tbody>
<tr>
<td>8</td>
<td>60.8</td>
<td>3</td>
<td>5</td>
<td>63.8</td>
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<tr>
<td>10</td>
<td>61.1</td>
<td>3</td>
<td>3.5</td>
<td>58.8</td>
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