**8” Paper cone**

*High impact polymer chassis*

- Paper cone (virgin pulp) - Foam suspension
- Non resonant high impact polymer chassis
- Built in cosmetic ring designed for front-rear and recessed mounting
- High temperature voice coil
- Aluminium former

### Response Curve

![Graph showing sensitivity in dB SPL/watt vs. frequency with response curves at 30° off-axis and 60° off-axis.](image)

### 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><strong>Primary Application</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nominal Impedance</td>
<td>Z</td>
<td>8</td>
<td>Ω</td>
</tr>
<tr>
<td>Resonance Frequency</td>
<td>Fs</td>
<td>51.3</td>
<td>Hz</td>
</tr>
<tr>
<td>Nominal Power Handling</td>
<td>P</td>
<td>50</td>
<td>W</td>
</tr>
<tr>
<td>Sensitivity (2,83 V - 1m)</td>
<td>E</td>
<td>90</td>
<td>dB</td>
</tr>
</tbody>
</table>

**Voice Coil**

- Voice Coil Diameter (d): 25 mm
- Minimum Impedance (Z_min): 6.6 Ω
- DC Resistance (Dcr): 62 Ω
- Voice Coil Inductance (Lcm): 0.63 mH
- Voice Coil Length (Lh): 12 mm
- Formax: Aluminum
- Number of Layers (n): 2
- Wire Type: round

### Magnet

- Magnet Dimensions: 72 x 15 mm
- Magnet Weight: 0.25 kg
- Flux Density (B): 1 T
- Force Factor (BL): NA
- Height of Magnetic Gap (He): 4 mm
- Stray Flux (Fmag): Am²
- Linear Excursion (Xmax): 4 mm

### Parameters

- Suspension Compliance (Cms): 659 μm/N
- Mechanical Q Factor (Qm): 3.75
- Electrical Q Factor (Qe): 0.99
- Total Q Factor (Qts): 0.78
- Mechanical Resistance (Rms): 1.25 kg/s
- Moving Mass (Mms): 14.64 g
- Effective Piston Area (S): 706.98 cm²
- Volume Equivalent of Air at Cms: 47.67 liters

### Suggested Applications

<table>
<thead>
<tr>
<th>Vb</th>
<th>Fb</th>
<th>Dp</th>
<th>Lp</th>
<th>F-3</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>liters Hz cm cm Hz</td>
</tr>
<tr>
<td>60</td>
<td>-</td>
<td>0</td>
<td>0</td>
<td>52.2</td>
</tr>
<tr>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>