SOPHISTICATED LOUDSPEAKER TECHNOLOGY

HEXACONE WOOFER 8-480/32 HEX

With the 8-480/32 HEX, we offer a unique woofer. Showing slendid pulse response together with smooth frequency response, this driver represents the optimum supplement for electrostatic or ribbon speakers. Mounting it in a vented box, you can reach a lower cutoff of about 35 Hz.


TECHNICAL DATA

<table>
<thead>
<tr>
<th>Parameter</th>
<th>8-480/32 HEX</th>
<th>TECHNICAL DATA</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Diameter</td>
<td>220 mm</td>
<td>Voice-Coil Diameter 22.3 mm</td>
</tr>
<tr>
<td>Frequency-Range</td>
<td>30-3000 Hz</td>
<td>Voice-Coil Winding-Height 13 mm</td>
</tr>
<tr>
<td>Impedance</td>
<td>Z 8 Ω</td>
<td>Voice-Coil Singer/Material Kapton</td>
</tr>
<tr>
<td>DC-Resistance</td>
<td>6.5 Ω</td>
<td>Voice-Coil Inductance 0.57 mH</td>
</tr>
<tr>
<td>Resonant Frequency</td>
<td>F0 24.5</td>
<td>Flux-Density 1.5 T</td>
</tr>
<tr>
<td>Total Q-Factor</td>
<td>Qts 0.54</td>
<td>Magnet-Size 30 mm</td>
</tr>
<tr>
<td>Electrical Q-Factor</td>
<td>Qes 0.386</td>
<td>Air-Cap Height 6 mm</td>
</tr>
<tr>
<td>Mechanical Q-Factor</td>
<td>Qms 2.65</td>
<td>Linear Excursion X_{max} 3.5 mm</td>
</tr>
<tr>
<td>Emissive Piston Area</td>
<td>S0 208.67 cm²</td>
<td>Sensitivity 91 dB/Wm</td>
</tr>
<tr>
<td>Equivalent Air Volume</td>
<td>VAS 93.11 l</td>
<td>Power Capacity, continuous 100 W</td>
</tr>
<tr>
<td>Compliance</td>
<td>CMS 1.63 m/s</td>
<td>Power Capacity, 10 ms 300 W</td>
</tr>
<tr>
<td>Moving Mass</td>
<td>M_N 2/24 g</td>
<td>Diaphragm Material HEXACONE</td>
</tr>
<tr>
<td>Cabinet Suggestion</td>
<td>Vented 46 l</td>
<td>Coating yes</td>
</tr>
</tbody>
</table>

FREQUENCY RESPONSE

FFT 3D