FE126NV
12cm Fullrange speaker unit

Specification Sheet

Dimensions / Polarity

Standard Accessories

<table>
<thead>
<tr>
<th>Accessory</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Speaker unit</td>
<td>1pc</td>
</tr>
<tr>
<td>Specification sheet</td>
<td>1pc</td>
</tr>
<tr>
<td>Screw</td>
<td>4pcs</td>
</tr>
<tr>
<td>Application sheet</td>
<td>1pc</td>
</tr>
<tr>
<td>Washer</td>
<td>4pcs</td>
</tr>
<tr>
<td>Safety precautions</td>
<td>1pc</td>
</tr>
<tr>
<td>Spacer</td>
<td>1pc</td>
</tr>
<tr>
<td>Customer registration card</td>
<td>1pc</td>
</tr>
</tbody>
</table>
Specifications & Thiele / Small Parameters

<table>
<thead>
<tr>
<th>Parameters</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal Impedance</td>
<td>8.0 ohm</td>
</tr>
<tr>
<td>Re</td>
<td>7.1 ohm</td>
</tr>
<tr>
<td>Le</td>
<td>0.2 mH</td>
</tr>
<tr>
<td>fs (F0)</td>
<td>79.1 Hz</td>
</tr>
<tr>
<td>Mns (M0)</td>
<td>3.0 g</td>
</tr>
<tr>
<td>Cms</td>
<td>1.4 mm/N</td>
</tr>
<tr>
<td>Bl</td>
<td>5.3 N/A</td>
</tr>
<tr>
<td>Qms</td>
<td>3.51</td>
</tr>
<tr>
<td>Qes</td>
<td>0.37</td>
</tr>
<tr>
<td>Qts (Q0)</td>
<td>0.34</td>
</tr>
<tr>
<td>SPL (1m/1W)</td>
<td>92.0 dB</td>
</tr>
<tr>
<td>Equivalent Diaphragm Radius (a)</td>
<td>46.0 mm</td>
</tr>
<tr>
<td>Rated Input</td>
<td>15 W</td>
</tr>
<tr>
<td>Max Input</td>
<td>45 W</td>
</tr>
<tr>
<td>Overall Diameter</td>
<td>□117 mm</td>
</tr>
<tr>
<td>Voice Coil Diameter</td>
<td>20 mm</td>
</tr>
<tr>
<td>Reproduction Frequency Response</td>
<td>fs to 20k Hz</td>
</tr>
<tr>
<td>Vas</td>
<td>8.5 L</td>
</tr>
<tr>
<td>Baffle Hole Diameter</td>
<td>Φ104 mm</td>
</tr>
</tbody>
</table>

Frequency Response

![Frequency Response Graph](image)

Components

- **Center Cap**
  - Shape: Convex
  - Material: Pulp, Fiber, Mica

- **Voice Coil**
  - Bobbin material: Kraft Paper
  - Wire material: Copper

- **Terminal**
  - Plate

- **Yoke**
  - Ferrite magnet

- **Cone Diaphragm**
  - Body shape: Curved
  - Body material: Pulp, Fiber, Mica
  - Surround shape: down rolled
  - Surround material: Coated cloth

- **Pocket neck corrugation Damper**
  - Material: Aramid cloth
  - Shape: Hi-compliance corrugation
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Application Sheet

Bass Reflex type Enclosure

www.fostex.jp/products/fe126nv

In accordance with our policy of continuous development, we reserve the right to change specifications without notice. Printed in China 635308

*Please visit our website for more details.
Backloaded horn type Enclosure

thickness : 15mm

Please visit our website for more details.