EXPERT
PS 165F3

Woofer (6”)

FREQUENCY RESPONSE/IMPEDANCE

SPECIFICATIONS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nominal power</td>
<td>80W</td>
</tr>
<tr>
<td>Maximum power</td>
<td>160W</td>
</tr>
<tr>
<td>Sensitivity (2,83V/1m)</td>
<td>90.7dB</td>
</tr>
<tr>
<td>Cone</td>
<td>Flax</td>
</tr>
<tr>
<td>Surround</td>
<td>Butyl</td>
</tr>
<tr>
<td>Nom. impedance</td>
<td>4 Ohms</td>
</tr>
<tr>
<td>DC resistance</td>
<td>3 Ohms</td>
</tr>
<tr>
<td>VC diameter</td>
<td>32mm</td>
</tr>
<tr>
<td>VC height</td>
<td>15mm</td>
</tr>
<tr>
<td>Former</td>
<td>Kapton</td>
</tr>
<tr>
<td>Layers</td>
<td>2</td>
</tr>
<tr>
<td>Wire</td>
<td>Alu</td>
</tr>
<tr>
<td>Inductance</td>
<td>+/- 5mm</td>
</tr>
<tr>
<td>Magnet d x h</td>
<td>3(\frac{1}{16}) x 1(\frac{1}{16}) \times 0(\frac{1}{16})</td>
</tr>
<tr>
<td>Magnet weight</td>
<td>1050g</td>
</tr>
<tr>
<td>Flux density</td>
<td>0.9T</td>
</tr>
<tr>
<td>Gap height</td>
<td>5mm</td>
</tr>
<tr>
<td>Net weight</td>
<td>1150g</td>
</tr>
<tr>
<td>Crossover cut-off</td>
<td>300Hz</td>
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PARAMETERS

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
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<tbody>
<tr>
<td>Fs</td>
<td>66Hz</td>
</tr>
<tr>
<td>Vas</td>
<td>10.6l</td>
</tr>
<tr>
<td>Qts</td>
<td>0.86</td>
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<tr>
<td>Qes</td>
<td>0.92</td>
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<tr>
<td>Qms</td>
<td>12.8</td>
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<tr>
<td>Re</td>
<td>3.3 Ohms</td>
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<tr>
<td>Sd</td>
<td>132.7 cm²</td>
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<tr>
<td>Cas</td>
<td>7.55E-08 mS/N</td>
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<tr>
<td>Mas</td>
<td>76 Kg/m4</td>
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<tr>
<td>Ras</td>
<td>2480 Ohms.ac</td>
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<tr>
<td>Cms</td>
<td>430 µm/N</td>
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<tr>
<td>Mms</td>
<td>13.4 g</td>
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<tr>
<td>Rms</td>
<td>0.44 Kg/s</td>
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<tr>
<td>Ces</td>
<td>668.23 mF</td>
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<tr>
<td>Les</td>
<td>8.6 mH</td>
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<tr>
<td>Res</td>
<td>45.9 Ohms</td>
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<tr>
<td>BI</td>
<td>4.5 N/A</td>
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<tr>
<td>SPL</td>
<td>87.1dB/W/m</td>
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<tr>
<td>f-3dans 30L</td>
<td>60Hz</td>
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MECHANICAL DRAWING