RIP LINE
300 P (800 Watts)
12” (300mm) high-power subwoofer for vented box

SPECIFICATIONS

- Nominal power: 300W
- Maximum power: 800W
- Sensitivity (2.83V/m): 92dB
- Cone: Polypropylene
- Surround: Rubber
- Nom. impedance: 4 Ohms
- DC resistance: 3.5 Ohms
- VC diameter: 50mm / 2"
- VC height: Aluminum
- Former:
- Layers: 4
- Wire: -
- Inductance: 0.62
- Xmax: -
- Magnet (dxh): 145x25mm / 5.7x1"
- Magnet weight: -
- Flux density: -
- Gap height: -
- Net weight: -

KEY POINTS

- 2” (50mm) 4-layer voice-coil on aluminum former
- High excursion rubber surround
- Reinforced polypropylene cone
- Cast aluminum basket
- Chrome magnet
- 5.7x1” (145x25mm) magnet
- Screw binding post terminal
- Subwoofer optimized for vented box
- Voice-coil ventilation

PARAMETERS

- Fs: 28.89Hz
- Vas: 79.27 litres
- Qts: 0.35
- Qes: 0.37
- Qms: 5.34
- Re: 3.5 Ohms
- Sd: 483.05cm²
- Cas: 5.64-0.7m²/N
- Mas: 53.79kg/m²
- Ras: 1828.43 N/A
- Cms: 240Ωm/N
- Mms: 125.51g
- Rms: 4.266kg/s
- Ces: 585.73mF
- Les: 51.81mH
- Res: 50.22 Ohms
- BI: 14.58 N/A
- SPL: 88.9dB

FREQUENCY RESPONSE

- Frequency response simulation

<table>
<thead>
<tr>
<th>Volume</th>
<th>Vent hole diameter</th>
<th>Vent hole length</th>
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</thead>
<tbody>
<tr>
<td>30 L (1.1ft³)</td>
<td>10cm (4&quot;)</td>
<td>25cm (10&quot;)</td>
</tr>
<tr>
<td>40 L (1.4ft³)</td>
<td>10cm (4&quot;)</td>
<td>25cm (10&quot;)</td>
</tr>
</tbody>
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MECHANICAL DRAWING

Unit: mm