8PS21

LF Drivers - 8.0 Inches

- 400 W continuous program power capacity
- 51 mm (2 in) copper voice coil
- 70 - 3000 Hz response
- 94 dB sensitivity
- Shorting copper cap for extended HF response

B&C Speakers s.p.a.
Via Poggiomoro, 1 - Loc. Vallina, 50012 Bagno a Ripoli (FI) - ITALY - Tel. +39 055 65721 - Fax +39 055 6572312 - mail@bcspeakers.com
### SPECIFICATIONS

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td>Nominal Diameter</td>
<td>200 mm (8.0 in)</td>
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<tr>
<td>Nominal Impedance</td>
<td>8 Ω</td>
</tr>
<tr>
<td>Minimum Impedance</td>
<td>7.0 Ω</td>
</tr>
<tr>
<td>Nominal Power Handling 1</td>
<td>200 W</td>
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<tr>
<td>Continuous Power Handling</td>
<td>400 W</td>
</tr>
<tr>
<td>Sensitivity</td>
<td>94.0 dB</td>
</tr>
<tr>
<td>Frequency Range</td>
<td>70 - 3000 Hz</td>
</tr>
<tr>
<td>Voice Coil Diameter</td>
<td>51 mm (2.0 in)</td>
</tr>
<tr>
<td>Winding Material</td>
<td>Copper</td>
</tr>
<tr>
<td>Former Material</td>
<td>Kapton</td>
</tr>
<tr>
<td>Winding Depth</td>
<td>16.0 mm (0.62 in)</td>
</tr>
<tr>
<td>Magnetic Gap Depth</td>
<td>8.0 mm (0.31 in)</td>
</tr>
<tr>
<td>Flux Density</td>
<td>1.1 T</td>
</tr>
</tbody>
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### DESIGN

- Surround Shape: Double Roll
- Cone Shape: Exponential
- Magnet Material: Ferrite
- Spider: Single
- Pole Design: T-Pole
- Woofer Cone Treatment: None
- Recommended Endurance: 14.0 dm³ (0.49 ft³)
- Recommended Tuning: 73 Hz

### PARAMETERS

- Resonance Frequency: 73 Hz
- Re: 5.4 Ω
- Qes: 0.36
- Qms: 4.2
- Qts: 0.33
- Vos: 14.0 dm³ (0.49 ft³)
- Sd: 220.0 cm² (34.1 in²)
- η: 1.5 %
- Xmax: 5.0 mm
- Xvar: 4.0 mm
- Mms: 23.0 g
- Bi: 12.6 Tm
- Le: 0.5 mH
- EBP: 202 Hz

### MOUNTING AND SHIPPING INFO

- Overall Diameter: 225 mm (8.8 in)
- Bolt Circle Diameter: 210 mm (8.3 in)
- Baffle Cutout Diameter: 187.0 mm (7.4 in)
- Depth: 91 mm (3.6 in)
- Flange and Gasket Thickness: 11 mm (0.4 in)
- Air Volume Occupied by Driver: 1.2 dm³ (0.04 ft³)
- Net Weight: 3.3 kg (7.28 lb)
- Shipping Units: 1
- Shipping Weight: 3.75 kg (8.27 lb)
- Shipping Box: 255x255x150 mm (10.04x10.04x5.91 in)

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1. 2 hours test made with continuous pink noise signal within the range Fs-10Fs. Power calculated on rated nominal impedance. Loudspeaker in free air.
2. Power on Continuous Program is defined as 3 dB greater than the Nominal rating.
3. Applied RMS Voltage is set to 2.83 V for 8 ohms Nominal Impedance.
4. Thiele-Small parameters are measured after a high level 20 Hz sine wave preconditioning test.