CAW 938
Classic Advanced Woofer, Ø 9", Ø 3" voicecoil, 8Ω

SPECIFICATIONS

**General Data**
- Overall Dimensions: DxH 222mm (8.74") x 76mm (2.99")
- Nominal Power Handling (DIN): P 150W
- Transient Power 10ms: 1000W
- Sensitivity 1W/1M: 87 dB SPL
- Frequency Response: 20-3000 Hz
- Cone/Dome Material: Damped Polymer Composite
- Net Weight: Kg 1.28

**Electrical Data**
- Nominal Impedance: Z 8Ω
- DC Resistance: Re 6.4Ω
- Voice Coil Inductance @ 1KHz: LBM 0.81mH

**Voice Coil and Magnet Parameters**
- Voice Coil Diameter: DIA 75mm
- Voice Coil Height: HEIGHT 14.5mm
- Magnetic Gap Height: HE 6mm
- Max. Linear Excursion: X ± 4.25mm
- Voice Coil Former: Aluminum
- Voice Coil Wire: Hexatech™ Aluminum
- Number Of Layers: 2
- Magnet System Type: High flux double ferrite vented
- B Flux Density: B 0.70 T
- BL Product: BXL 7.05 N.A

**T-S Parameters**
- Suspension Compliance: Cms 0.763 mm/N
- Mechanical Q Factor: Qms 2.59
- Electrical Q Factor: Qes 0.8
- Total Q Factor: Qts 0.6
- Mechanical Resistance: Rms 2.399 Kg/s
- Moving Mass: Mms 29 g
- Eq. Cas Air Load (liters): VAS 51 Lt
- Resonant Frequency: Fs 31 Hz
- Effective Piston Area: SD 219 cm²

**FEATURES**
- UniFlow™ Aluminum diecast chassis
- High flux ferrite double magnet system
- 3" Large Hexatech™ Aluminum voice coil
- High power handling
- Shallow profile D.P.C cone
- Improved parameters

**Unit Dimensions**

<table>
<thead>
<tr>
<th>Dimension</th>
<th>Measurement</th>
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<tbody>
<tr>
<td>A - Overall diameter</td>
<td>222mm</td>
</tr>
<tr>
<td>B - Cut out diameter</td>
<td>198mm</td>
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<tr>
<td>C - Flange thickness</td>
<td>5mm</td>
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<tr>
<td>D - Overall height</td>
<td>76mm</td>
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<tr>
<td>E - Basket depth</td>
<td>71mm</td>
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<tr>
<td>F - Mounting holes location diameter</td>
<td>214mm</td>
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<tr>
<td>G - B Mounting holes, at 45° interval, inner hole diameter</td>
<td>Ø 4.2mm</td>
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Morel operates a policy of continuous product design improvement, consequently specifications are subject to alteration without prior notice.