The **C173-6-096** is a 6.5 inch bass-midrange driver with ultra hard ceramic dome.

A FEA optimized underhung motor design with 55 mm titanium voice coil former guarantees very low energy storage and good heat transfer. Its high force factor leads to outstanding transient response for more realistic reproduction.

The low loss rubber surround and a thin fabric spider center the moving parts with high linearity.

For this amazing bass-midrange driver, we recommend an application from 40 Hz – 3000 Hz.
### Mechanical data

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Overall diameter</td>
<td>173</td>
<td>mm</td>
</tr>
<tr>
<td>Cutout diameter</td>
<td>145.6</td>
<td>mm</td>
</tr>
<tr>
<td>Front plate depth</td>
<td>6.35</td>
<td>mm</td>
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<tr>
<td>Overall depth</td>
<td>96.35</td>
<td>mm</td>
</tr>
<tr>
<td>Motor assembly diameter</td>
<td>120</td>
<td>mm</td>
</tr>
<tr>
<td>Motor assembly depth</td>
<td>44</td>
<td>mm</td>
</tr>
<tr>
<td>Screw fitting</td>
<td>DIN 7984, 4mm</td>
<td></td>
</tr>
<tr>
<td>Terminal</td>
<td>+ : 6.3 x 0.8 / - : 4.8 x 0.8</td>
<td>mm</td>
</tr>
<tr>
<td>Shipping weight / net weight</td>
<td>3.76 / 3.44</td>
<td>kg</td>
</tr>
<tr>
<td>Shipping size</td>
<td>210 / 140 / 210</td>
<td>mm</td>
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</table>

### Thiele/Small Parameters

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
<th>Unit</th>
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<tbody>
<tr>
<td>Sensitivity (2.83V / 1m)</td>
<td>Lp</td>
<td>94*</td>
</tr>
<tr>
<td>DC-resistance</td>
<td>Re</td>
<td>6.61</td>
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<tr>
<td>Resonance frequency</td>
<td>Fs</td>
<td>39</td>
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<tr>
<td>Equivalent volume of air</td>
<td>Vas</td>
<td>28</td>
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<tr>
<td>Mechanical Q</td>
<td>Qms</td>
<td>3.9</td>
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<tr>
<td>Electrical Q</td>
<td>Qes</td>
<td>0.18</td>
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<tr>
<td>Total Q</td>
<td>Qts</td>
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<tr>
<td>Effective piston area</td>
<td>Sd</td>
<td>130</td>
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<tr>
<td>Moving mass</td>
<td>Mms</td>
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<tr>
<td>Suspension compliance</td>
<td>Cms</td>
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<tr>
<td>Mechanical resistance</td>
<td>Rms</td>
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### Voice Coil data

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<th>Parameter</th>
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<tbody>
<tr>
<td>Power handling</td>
<td>P</td>
<td>120*</td>
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<tr>
<td>Linear excursion</td>
<td>Xmax</td>
<td>+/- 5</td>
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<tr>
<td>Voice coil diameter</td>
<td>55</td>
<td>mm</td>
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<tr>
<td>Voice coil former material</td>
<td>Ti</td>
<td></td>
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<tr>
<td>Voice coil material</td>
<td>Cu</td>
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<td>Voice coil Inductance</td>
<td>Lr</td>
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<td>Force factor</td>
<td>Bf</td>
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<tr>
<td>Motor type</td>
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<tr>
<td>Ferrofluid filling</td>
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