Model: P1S8-8  
Type: SVC Subwoofer  
Power Rating: 200 Watts (RMS)  
Impedance: 8 ohms

Features
- Tear & fatigue resistant poly-cotton spider.
- High Density NBR (Nitrile Butadine Rubber) surround.
- High temp 2" voice coil with spun-laced Nomex™ insulating reinforcement collar
- Optimized motor magnetics with extended pole and bumped vented backplate.
- Fatigue resistant and reduced strain "stitched on" flexible lead wire design.
- Proprietary spider venting/cooling technique
- Multi-point high-temp/high-strength neck joint bonding technique.
- Sturdy 16 gauge compound bend frame geometry
- Heavy gauge proprietary stamped steel frame
- Semi-flexible, PVC removable protective motor cover.
- Proprietary all metal, radially oriented compression input terminal assembly.
- Flex-fit™ Mounting pattern
- Soft-touch painted trim ring allows for optional integrated grill

Recommended Applications

<table>
<thead>
<tr>
<th>Enclosure</th>
<th>Volume (Vb)</th>
<th>Tuning(Fb)</th>
<th>System</th>
<th>-3dB (Fs)</th>
<th>Port Dia.</th>
<th>Port Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sealed</td>
<td>6.5</td>
<td>0.23</td>
<td>66.1</td>
<td>0.80</td>
<td>66.6</td>
<td>-</td>
</tr>
<tr>
<td>Ported</td>
<td>18.4</td>
<td>0.65</td>
<td>42.7</td>
<td>-</td>
<td>36.6</td>
<td>2.0, 50.8</td>
</tr>
</tbody>
</table>

Thiele-Small Specifications
- Fs (Hz): 40.9
- Re (Ohms): 7.00
- Le (mH): 4.7
- Qts: 0.49
- Qes: 0.56
- Qms: 4.00
- Cms (mm/N): 0.19
- Vas (L): 12.0
- Mms (g): 79.8
- Mmd (g): 78.0
- Rms (kg/s): 5.1
- Airload (g): 1.8
- No (%): 0.13
- SPL (dB - 1W/1M): 83.5
- BL (T*M): 16.0
- *Xmax10 (mm): 7.5
- Sd (cm²): 211
- EBP: 74
- Kcm (mOhms): 0.37
- Erm: 1.35
- Kxm (mH): 43.8
- Exm: 0.77
- Rem (Ohms): 49.63

* All parameters are derived using a laser velocity measurement method and verified with actual measured Mmd and Re. All dual voice coil models are wired in series. *Xmax10 represents actual effective excursion at <10% THD.

Technical Specifications
- Voice Coil Diameter: 2.0
- Voice Coil Height: 0.99
- Voice Coil Layers: 4
- Magnetic Gap Height: 0.39
- Linear Excursion, (Xmax): 0.30
- Maximum Excursion (mech), pk-pk: 1.77
- Magnet Weight: 38
- Woofer Displacement: 1.5
- Net Weight: 3.91
- Power Rating: 200

Above specifications and dimensions comply with the CEA-2031 standard.

Specifications subject to change without notice.