Technical datasheet

AirLoc SL

Proven quality with excellent form stability.

<table>
<thead>
<tr>
<th>Technical Data</th>
<th>Dimensions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Profile</td>
<td>Length L [mm]</td>
</tr>
<tr>
<td>double</td>
<td>1000</td>
</tr>
<tr>
<td>Load p from [psi]</td>
<td>Width B [mm]</td>
</tr>
<tr>
<td>58.0</td>
<td>500</td>
</tr>
<tr>
<td>Load p to [psi]</td>
<td>Pad thickness unloaded [mm]</td>
</tr>
<tr>
<td>174.0</td>
<td>7</td>
</tr>
<tr>
<td>Ideal load p [psi]</td>
<td>Pad thickness tolerance web +/− 1 mm</td>
</tr>
<tr>
<td>145.0</td>
<td></td>
</tr>
<tr>
<td>Vertical natural frequency at ideal load ( f_{0v} ) [Hz]</td>
<td></td>
</tr>
<tr>
<td>94.5</td>
<td></td>
</tr>
<tr>
<td>Horizontal natural frequency at ideal load ( f_{0h} ) [Hz]</td>
<td></td>
</tr>
<tr>
<td>29.5</td>
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</tr>
<tr>
<td>Tolerance natural frequency +/− [Hz]</td>
<td>Temperature range from [°C]</td>
</tr>
<tr>
<td>10%</td>
<td>0</td>
</tr>
<tr>
<td>Vertical damping ratio D at ideal load [%]</td>
<td>Temperature range to [°C]</td>
</tr>
<tr>
<td>14.5</td>
<td>70</td>
</tr>
<tr>
<td>Tolerance +/−</td>
<td></td>
</tr>
<tr>
<td>10%</td>
<td></td>
</tr>
<tr>
<td>Coefficient of friction on concrete with fine mortar</td>
<td></td>
</tr>
<tr>
<td>0.8</td>
<td></td>
</tr>
<tr>
<td>Coefficient of friction tolerance +/−</td>
<td></td>
</tr>
<tr>
<td>0.1</td>
<td></td>
</tr>
<tr>
<td>Weight [kg]</td>
<td></td>
</tr>
<tr>
<td>3.4</td>
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</tr>
</tbody>
</table>

Diagram vertical natural frequency

Tolerance natural frequency vertical \( f_{0v} \) [Hz] 10% +/−

Diagram deflection

Tolerance Deflection s +/− 10%

Standard pad dimensions

<table>
<thead>
<tr>
<th>Article no.</th>
<th>Length [mm]</th>
<th>Width [mm]</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00222.70</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>1.00222.71</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>1.00222.72</td>
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<td>250</td>
</tr>
<tr>
<td>1.00222.76</td>
<td>250</td>
<td>250</td>
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</tbody>
</table>

Art. no. 1.00222.70

Ideal load p 10.0 daN/cm²

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<table>
<thead>
<tr>
<th>Part No.</th>
<th>Width</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.00222.80</td>
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<td>200</td>
</tr>
<tr>
<td>1.00222.85</td>
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<td>125</td>
</tr>
<tr>
<td>1.00222.86</td>
<td>100</td>
<td>100</td>
</tr>
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</table>

Other dimensions in all shapes available from stock upon request.