Technical datasheet

AirLoc 927

Isolation pad for machines with high dynamic force, such as presses, sheering machines and stamping machines.

### Article information
- **Type**: 927
- **Name**: AirLoc 927
- **Art. no.**: 3.09252.70F
- **Color**: mint green

### Technical Data
- **Profile**: double
- **Hardness [° Shore A]**: 90 - 95
- **Load p from [psi]**: 109.0
- **Load p to [psi]**: 580.0
- **Ideal load p [psi]**: 327.0
- **Vertical natural frequency at ideal load \( f_{0v} \) [Hz]**: 39.0
- **Horizontal natural frequency at ideal load \( f_{0h} \) [Hz]**: 12.0
- **Tolerance natural frequency +/- [Hz]**: 10%
- **Vertical damping ratio D at ideal load [%]**: 8.8
- **Tolerance +/-**: 10%
- **Coefficient of friction on concrete with fine mortar**: 0.85
- **Coefficient of friction tolerance +/-**: 0.1
- **Weight [kg]**: 17.2

### Dimensions
- **Length L [mm]**: 1000
- **Width B [mm]**: 500
- **Pad thickness unloaded [mm]**: 25
- **Pad thickness tolerance web**: DIN 7715/T5/P3

### Range of application
- **Temperature range from [°C]**: -20
- **Temperature range to [°C]**: 80

### Diagram vertical natural frequency
![Diagram](image)

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

### Diagram deflection
![Diagram](image)

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>3.09252.70F</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>3.09252.71F</td>
<td>500</td>
<td>500</td>
</tr>
<tr>
<td>3.09252.72F</td>
<td>500</td>
<td>250</td>
</tr>
</tbody>
</table>

Art. no. 3.09252.70F  
Ideal load p  
22.5 daN/cm²
<table>
<thead>
<tr>
<th>Style</th>
<th>Width</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.09252.76F</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>3.09252.80F</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>3.09252.85F</td>
<td>125</td>
<td>125</td>
</tr>
<tr>
<td>3.09252.86F</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

Other dimensions in all shapes available from stock upon request.