Technical datasheet

AirLoc 905

High load capacity, good leveling stability, high long-term stability.

**Article information**
- Type: 905
- Name: AirLoc 905
- Art. no.: 3.09050.70F
- Color: mint green

**Technical Data**
- **Profile** without
- **Hardness [° Shore A]**: 90 - 95
- **Load p from [daN/cm²]**: 7.5
- **Load p to [daN/cm²]**: 40.0
- **Ideal load p [daN/cm²]**: 22.5
- **Vertical natural frequency at ideal load f₀v [Hz]**: 86.6
- **Horizontal natural frequency at ideal load f₀h [Hz]**: 28.2
- **Tolerance natural frequency +/− [Hz]**: 10%
- **Vertical damping ratio D at ideal load [%]**: 7.5
- **Tolerance +/-**: 10%
- **Coefficient of friction on concrete with fine mortar**: 0.8
- **Coefficient of friction tolerance +/-**: 0.1
- **Weight [kg]**: 3.6

**Dimensions**
- Length L [mm]: 1000
- Width B [mm]: 500
- Pad thickness unloaded [mm]: 5
- 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 vertical natural frequency](image)

Tolerance natural frequency vertical f₀v [Hz] 10% +/−

**Diagram deflection**

![Diagram deflection](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>3.09050.70F</td>
<td>1000</td>
<td>500</td>
</tr>
<tr>
<td>3.09050.71F</td>
<td>500</td>
<td>500</td>
</tr>
</tbody>
</table>

© 2023 AirLoc Ltd.  
Telephone: +41 44 929 77 00  
www.airloc.com  
contact@airloc.com  
Technical changes without prior notice  
Print date: 18.11.2023
<table>
<thead>
<tr>
<th>Item Code</th>
<th>Length</th>
<th>Width</th>
</tr>
</thead>
<tbody>
<tr>
<td>3.09050.72F</td>
<td>500</td>
<td>250</td>
</tr>
<tr>
<td>3.09050.76F</td>
<td>250</td>
<td>250</td>
</tr>
<tr>
<td>3.09050.80F</td>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>3.09050.85F</td>
<td>125</td>
<td>125</td>
</tr>
<tr>
<td>3.09050.86F</td>
<td>100</td>
<td>100</td>
</tr>
</tbody>
</table>

Other dimensions in all shapes available from stock upon request.