**Design**

The Isotop® DZE Railway and DZE Railway Mini are multi-part elements made from stainless steel, that can be combined with a large range of damping materials made from Sylomer® / Sylodyn® and Sylodamp® thanks to their modular design. This spring and damper combination allows structure-borne noise to be targeted and effectively insulated and strong amplitudes to be weakened. The end-to-end stainless steel axle welded to the baseplate prevents rupture when the element is subjected to strong horizontal forces.

**Area of application**

Isotop® DZE Railway is ideal for mobile applications, in particular in the rail sector. Its diverse areas of application include the elastic bearing of:
- Compressors
- Air-handling units
- Generators
- Wheelhouses

**Data needed to choose the right product**

- Total weight to be absorbed
- Number and position of bearing points
- Centre of gravity
- Shape of the unit (dimensions)
- Size and direction of the load
- Lowest disturbing frequency

**Advantages**

- Selecting different spring and damper combinations allows for optimum adjustment in line with the respective loads.
- Tearproof, so particularly suited to mobile applications.
- Optimum corrosion protection
- Low overall height
Selection table

<table>
<thead>
<tr>
<th>TYPE</th>
<th>PRODUCT WEIGHT in g</th>
<th>LOAD RANGE, vertically with the use of different material combinations in kg</th>
<th>minimum achievable vertical NATURAL FREQUENCY in Hz</th>
<th>max. permissible horizontal forces in kN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Isotop® DZE Railway</td>
<td>890</td>
<td>50 to 1000</td>
<td>11</td>
<td>22</td>
</tr>
<tr>
<td>Isotop® DZE Railway Mini</td>
<td>300</td>
<td>10 to 260</td>
<td>11</td>
<td>2</td>
</tr>
</tbody>
</table>

We would be happy to devise an individual solution for you based on basic dimensions and other specifications.

Dimensions

Isotop® DZE Railway

Isotop® DZE Railway Mini

All data is based on our current level of knowledge. It can be used in calculations and for reference purposes, but is subject to typical manufacturing tolerances; errors excepted and subject to change without notice.