

Isotop® DZE Railway & DZE Railway Mini

Stainless steel pressure-tension element
for mobile applications

by getzner
isotop®

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

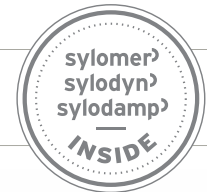
- Total weight to be absorbed
- Number and position of bearing points
- Centre of gravity
- Shape of the unit (dimensions)
- Size and direction of the load
- Lowest disturbing frequency

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



Isotop® DZE Railway



Isotop® DZE Railway Mini

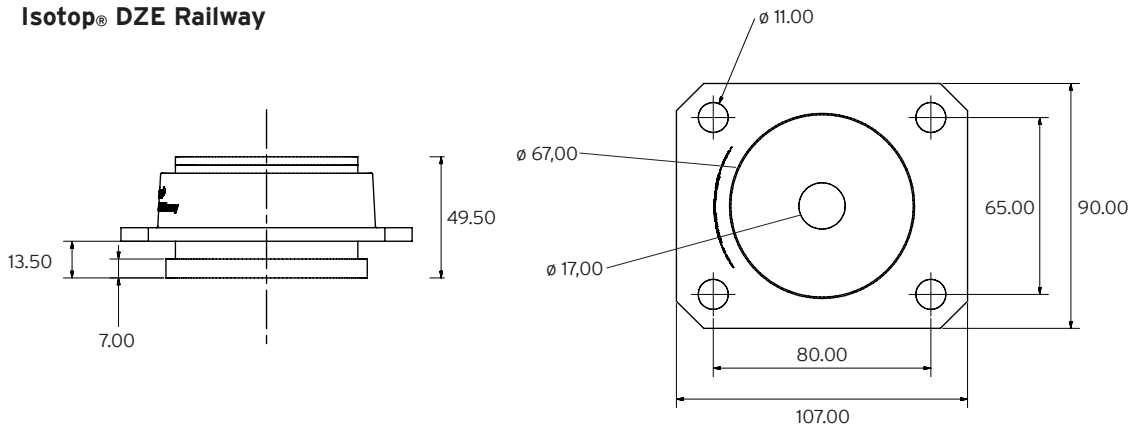
Selection table

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

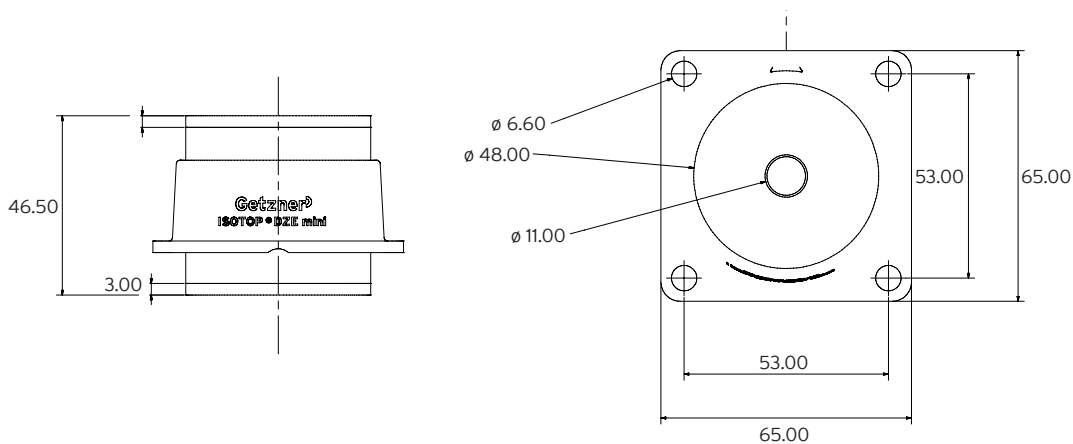
We would be happy to devise an individual solution for you based on basic dimensions and other specifications.

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.