

# Isotop® SE-DE Mini

## Double-elastic Compact Element

by getzner  
**isotop**®

### Design

The Isotop® SE-DE Mini consists of a 6 mm thick steel plate for pressure distribution equipped with an anti-slip plate; a 25 mm thick, heavy intermediate mass; and two separate insulating layers made of 25 mm thick Sylomer®/ Sylodyn® material. All the steel parts are hot-galvanised.

### Area of application

The Isotop® SE-DE Mini is an element that replicates a quasi-double elastic bearing using an additional, heavy intermediate mass. The element is used in applications that require a compact design coupled with a high level of structure-borne noise insulation.

The structure-borne noise can be isolated in a targeted manner by means of the combination of materials. Our special calculation ensures the optimum combination of materials is chosen.

### Advantages

- Fast installation
- Uniform size
- Highly accurate natural frequency is possible
- Absorption of high dynamic load peaks
- Cost-effective bearing
- Long service life
- High corrosion resistance
- Reliable vibration isolation
- Diverse possible applications
- Higher damping efficiency than a single bearing

### Installation and assembly

All SE-DE Mini elements can be screwed to the device to be insulated using screws with an M12 thread. The upper pressure plate is equipped with an anti-slip plate to prevent the device positioned on top of it from slipping inadvertently. Installation without attachment is possible on request. The device frame must be level and a full-surface contact between the element and the device and floor must be ensured. The element should always be loaded in the centre. For more details see the Getzner installation instructions.



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### Optional accessories

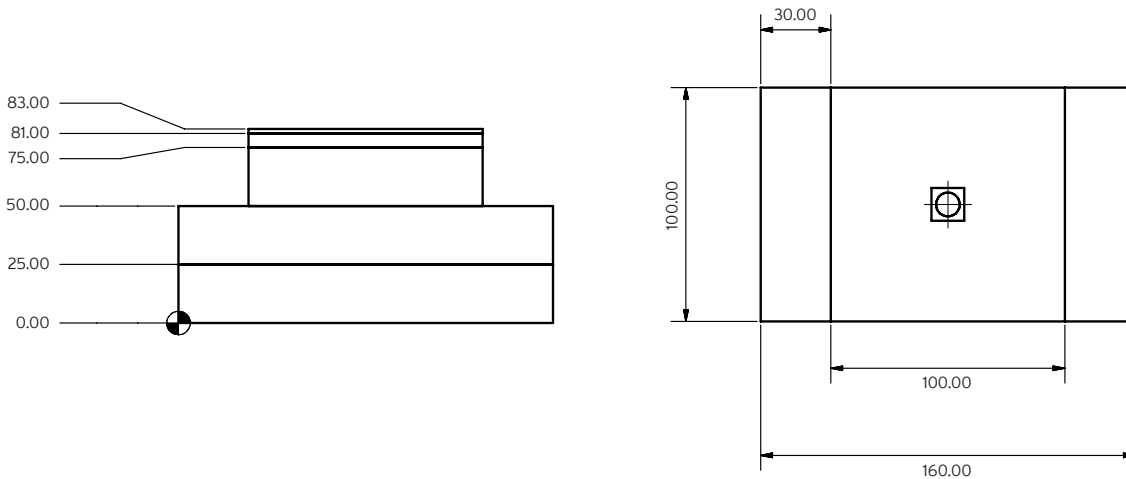
Footplate with 4 holes of 13 mm in diameter for attachment to the floor or the substructure, L x W x H = 300 x 150 x 8 mm, galvanised.

### Our service

Take advantage of our expertise in vibration engineering. We will gladly advise you and calculate your individual vibration isolation solution.

### Selection table

| TYPE           | UPPER/LOWER MATERIAL TYPE | 1 <sup>ST</sup> NATURAL FREQUENCY IN HZ | 2 <sup>ND</sup> NATURAL FREQUENCY IN HZ | MAX. LOAD IN KG |
|----------------|---------------------------|---|---|-----------------|
| SE-DE Mini 10  | NB 25/NC 25               | 7.7                                     | 98                                      | 105             |
| SE-DE Mini 20  | NC 25/ND 25               | 7.6                                     | 135                                     | 205             |
| SE-DE Mini 35  | SR 220/SR 450             | 7.1                                     | 168                                     | 350             |
| SE-DE Mini 50  | ND 25/NE 25               | 7.2                                     | 195                                     | 510             |
| SE-DE Mini 75  | SR 850/SR 1200            | 8.5                                     | 298                                     | 750             |
| SE-DE Mini 100 | NE 25/NF 25               | 7.0                                     | 260                                     | 1,000           |



All information and data is based on our current knowledge. The data can be applied for calculations and as guidelines, are subject to typical manufacturing tolerances and are not guaranteed. Material properties as well as their tolerances can vary depending on type of application or use and are available from Getzner on request.

Further information can be found in VDI Guideline 2062 (Association of German Engineers) as well as in glossary. Further characteristic values on request.