

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

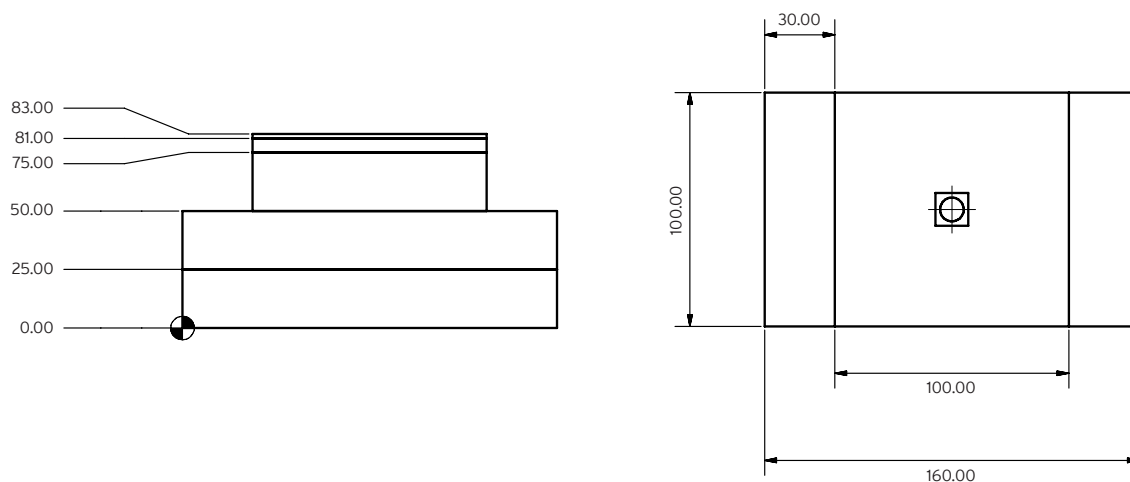
Footplate with 4 holes of 13 mm in diameter for attachment to the floor or the substructure, L x W x H = 260 x 100 x 6 mm, galvanised.

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 ST NATURAL FREQUENCY IN HZ	2 ND 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 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.