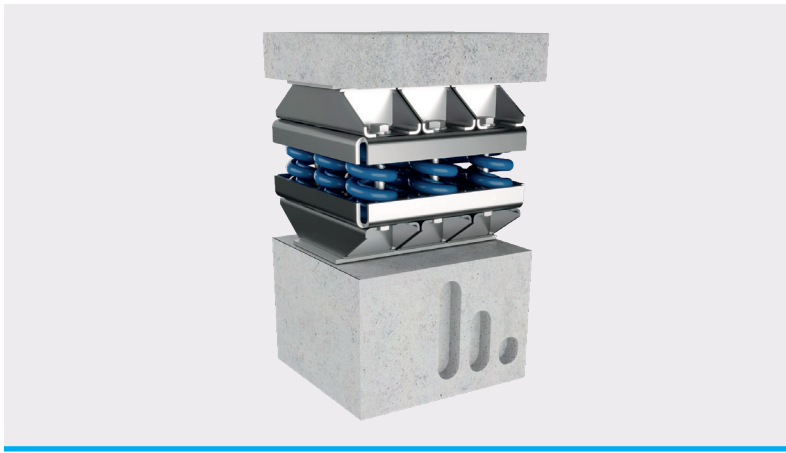


# Stravibase SpringBox<sup>\*</sup>

## Datasheet



Stravibase SpringBox are [pre-compressed spring bearings](#) for structural isolation of buildings and structures. These bearings can be designed to a natural frequency as low as 3 Hz and provide very limited deflection changes during construction or changing load conditions.



### SYSTEM FEATURES

- Can be designed to meet natural frequencies of 3-5 Hz
- Easily replaceable
- Limits deflection during construction or changing load conditions
- Lifespan greater than 50 years
- High lateral stiffness
- Easily adapted to meet different load and performance requirements
- Hot dip galvanized steel housing



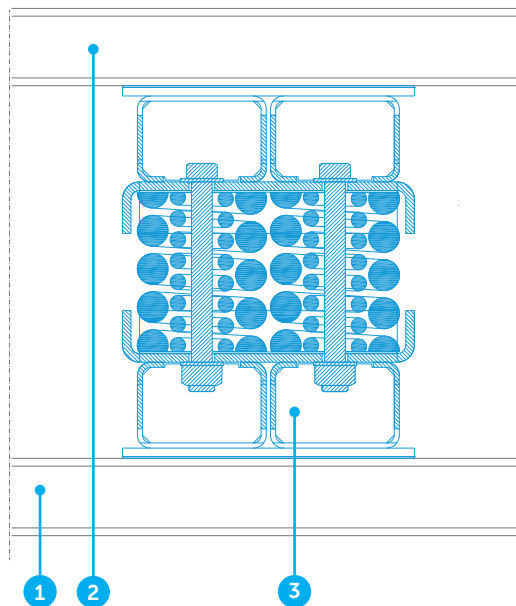
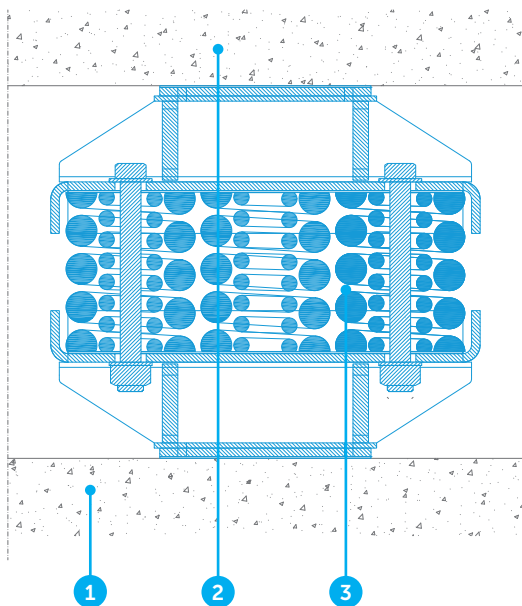
### DESIGN REQUIREMENTS

- Natural frequency requirement
- Working Dead and Live loads on each contact point
- Lateral and turning forces at each support point
- Contact areas and dimensions as well as locations of any uplift restraints
- Fire protection requirements
- Maximum likely dynamic forces caused by earthquakes etc.

\*Previously known as CDM-CHR-BOX



## TYPICAL ASSEMBLIES



1. Supporting structure
2. Decoupled structure
3. Stravibase SpringBox

## DISCLAIMER

This information is accurate to the best of our knowledge at the time of issue. Information, data and recommendations provided are based on industry accepted testing and prior product usage. It is intended as descriptive of the general capabilities and performance of our products and does not endorse applicability for any particular project. We reserve the right to change products, performance, and data without notice. This document replaces all information supplied prior to the publication hereof.