

Stravibase SpringBox^{*} Datasheet

Stravibase SpringBox are [pre-compressed spring bearings](#) for structural isolation of buildings and structures.



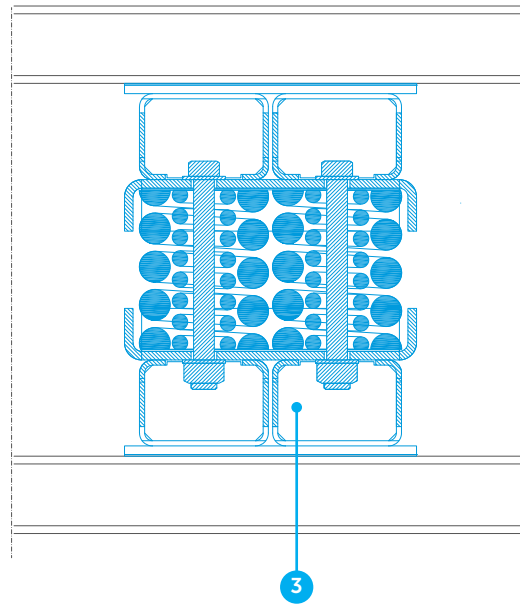
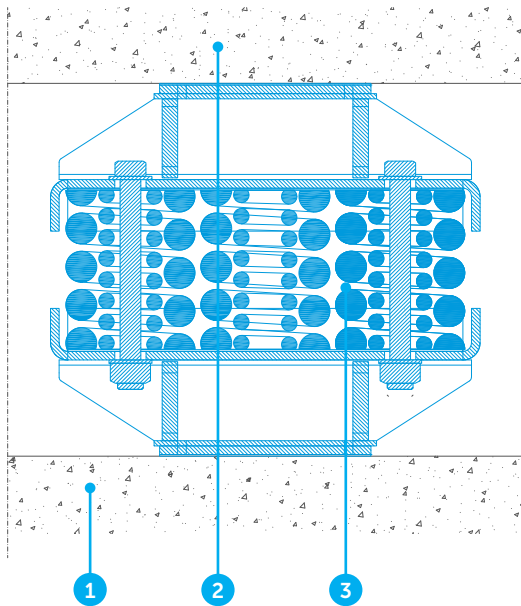
SYSTEM FEATURES

- Can be designed to meet natural frequencies anywhere between 3Hz and 5Hz
- Easily replaceable
- Limits deflection of the building during construction
- Easy to install
- Lifespan greater than 50 years
- High lateral stiffness
- Easily adapted to meet different loads and performance requirements
- Hot dip galvanized steel
- To design the Stravibase SpringBox structural isolation bearings CDM Stravitec's engineers require the following information:
 - 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 fixing down bolts
 - 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

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