

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

## Datasheet

Stravibase VHS, very high stress bearings isolate buildings from vibration and structure-borne noise caused by trains or trams running nearby or underneath buildings. They are designed to support very large loads whilst being significantly smaller in plan dimensions than traditional elastomer bearings.



### SYSTEM FEATURES

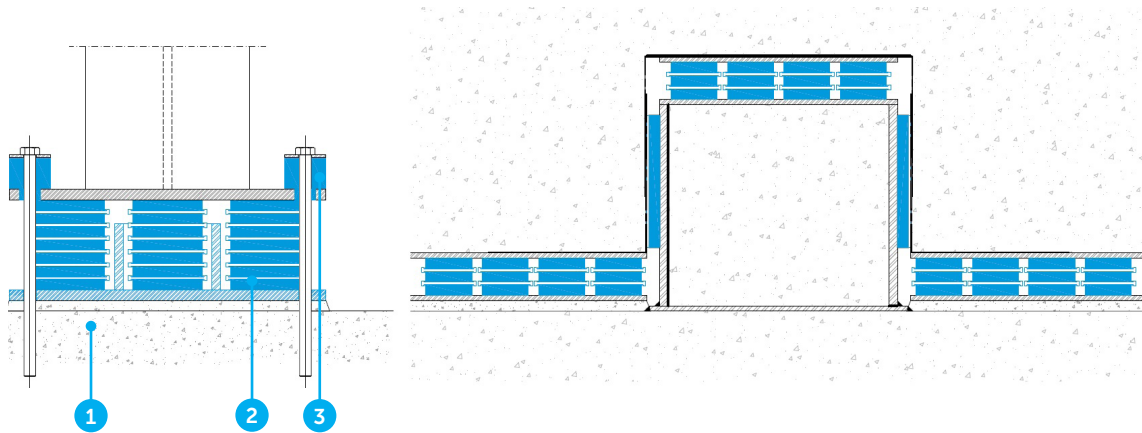
- Stravibase VHS bearings are constructed of alternate layers of high resilience elastomer pads and steel plates
- Stravibase VHS bearings are available in different formats to offer performances between 8-18Hz natural frequency
- Steel parts are centrifugal hot dip galvanized
- Stravibase VHS bearings provide the same acoustic performance as standard elastomer bearings which are more than twice their size; thereby having a significant impact on a buildings structural cost
- They are quick and easy to install, thereby minimizing associated labour costs. Top and bottom plates can be added to suit the specific method of installation
- Our engineers will design a configuration of Stravibase VHS to best suit the structural element requiring support
- If required Stravibase VHS bearings can be designed to be replaced one at a time using our "frozen bearing technique"

**Note:** in order to specify the building isolation system our engineers will need to know the required natural frequency, permanent and variable loads, and lateral and turning forces.

<sup>\*</sup>Previously known as CDM-VHS



## TYPICAL ASSEMBLIES



1. Supporting structure
2. Stravibase VHS
3. Decoupled fixation system

### 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.



## Delta-L B.V. | CDM Stravitec NL

Delta-L is specialist op het gebied van geluidsisolatie en trillingsisolatie en ontwerpt, levert en monteert diverse systemen voor akoestische ontkoppelingen in de bouw en industrie.

Delta-L vertegenwoordigt CDM Stravitec op de Nederlandse markt. CDM Stravitec is opgericht in 1951 en is marktleider op het gebied van akoestische oplegsystemen voor de bouw en industrie en is actief in tientallen landen (30+ vestigingen wereldwijd).

Door onze expertise, jarenlange ervaring en grote database aan meetresultaten van zowel interne en externe laboratorium metingen als in situ metingen hebben we door de jaren heen een uitgebreid assortiment aan akoestische materialen ontwikkeld, welke we op een slimme manier verwerken in diverse akoestische systemen.

Tevens zijn wij hierdoor in staat u adequaat van dienst te zijn bij elke stap in het proces: analyse van het geluid of trilling probleem, het aanleveren van een akoestisch ontwerp, optimalisatie van het ontwerp, productie, levering en montage.

Er wordt continu gewerkt aan innovatie en optimalisatie van de akoestische systemen om uw wensen en eisen om te zetten in een deskundig advies op maat.

## Contactinformatie

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