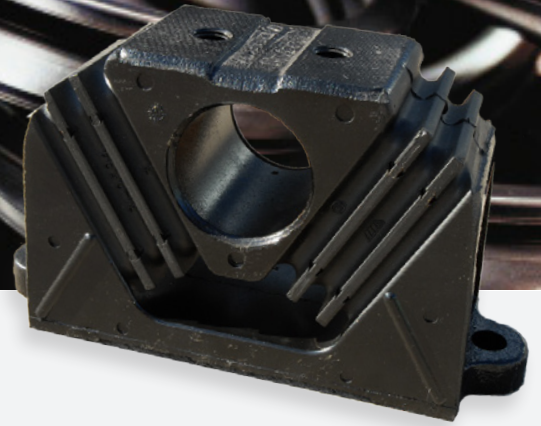




Vee Mount



11/1082 | 11/1033

Vee Mounting

Vee mountings have ideal stiffness characteristics for rail vehicle engine suspension. The vertical stiffness rate ensures that when the mounting is properly loaded, the vertical natural frequency does not coincide with the body bending frequency and the high longitudinal stiffness controls shunting shock motion. The mounting is usually connected to the sole bars via the base casting, and a buffer is attached to the Vee section casting to limit tensile loads.

The Vee mount has the following features:

- Three dissimilar translational stiffness for the best vibration isolation and motion control.
- Strong castings for safety and reliability.

A high load capacity mounting with relatively large rubber volume providing a high degree of vibration and noise isolation and makes it ideally suited for suspending engines installed in public service and goods vehicles.

About Trelleborg Industrial AVS

Over 100 years of experience as Metalastik and Novibra, today Trelleborg Industrial AVS make improvements people can physically feel. From smoother travel to quieter, more efficient machines, we make life feel better. With quality, testing and compliance built in, we're in it for the long haul, ensuring your solution still works, over an extended and often arduous life-cycle.

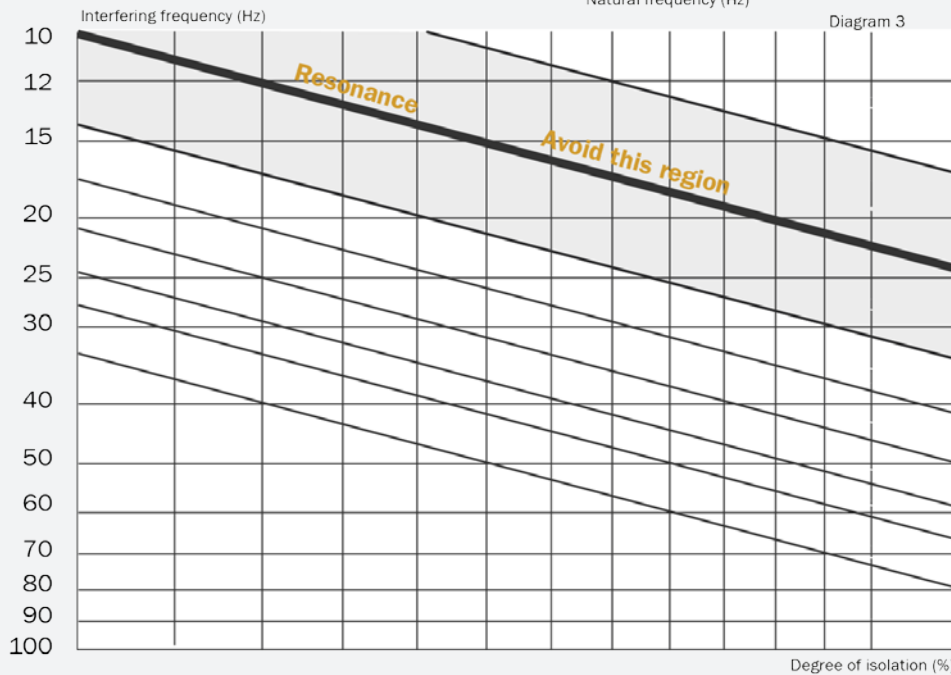
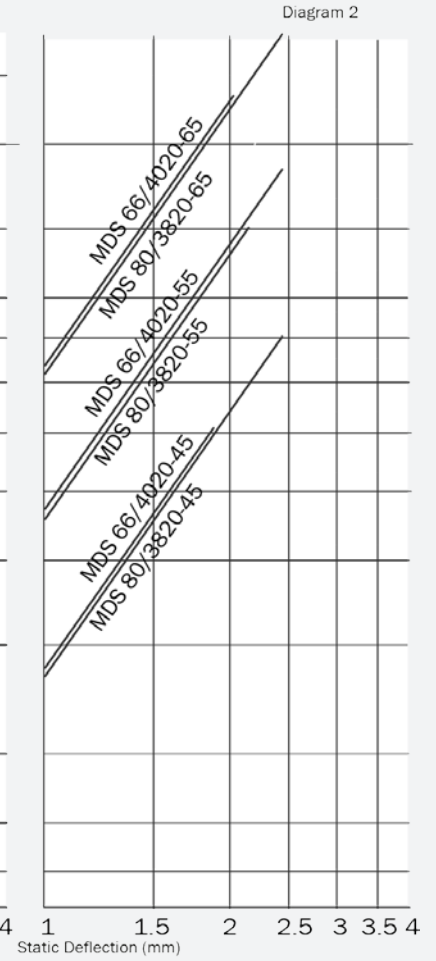
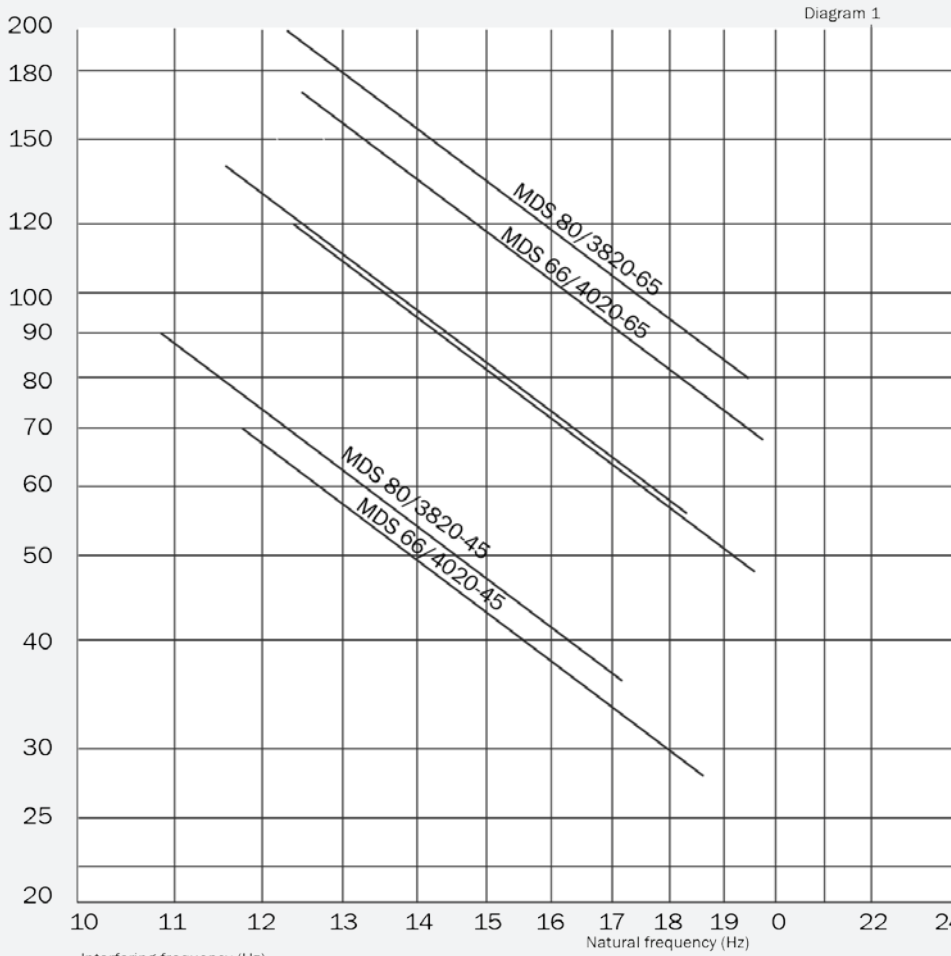
With three state-of-the-art manufacturing plants across the globe, our experience in rubber to metal bonding enhances several industries, including off-highway vehicles, rail and mass transit, marine and energy and general industry.

We offer an end-to-end service, to take you from concept through design, manufacturing and testing to delivery. This reduces the complexity of supply, helping you cut costs, mitigate risk and receive on time, on budget delivery.

Trelleborg IAVS is part of Trelleborg Group, which employs 15,000 people in over 40 countries. Whatever your challenge, whatever your role and wherever you are, we are nearby to offer expert knowledge and quality solutions.



Load per mounting (kg)



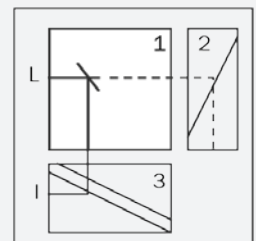
To select the correct mounting, the following data is needed:

1. Load per mounting (kg)
2. Interfering frequency (Hz) (Hz = rpm/60)

Select correct load line in diagram 1 and correct interface line in diagram 3. The load line intersects with required type of mounting.

Connect this intersection point vertically down to the interference line on diagram 3. Here, on the sloping curve, the isolation degree is indicated.

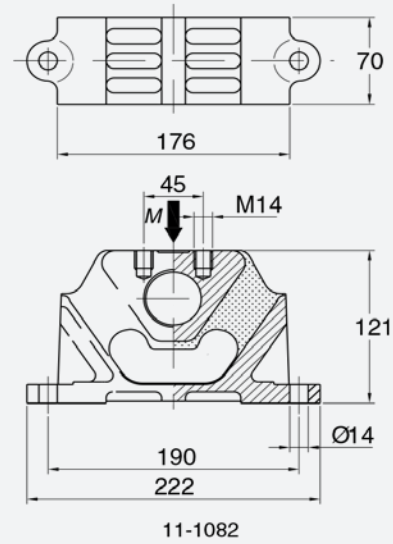
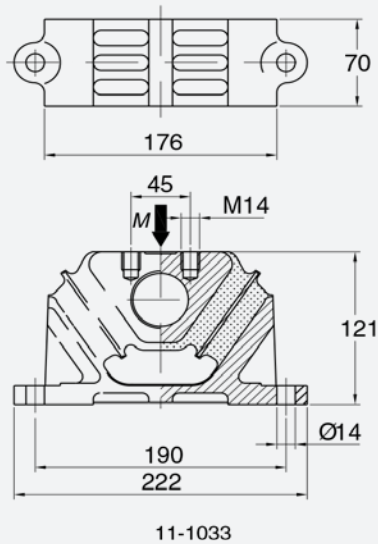
For static deflection see diagram 2.



Note: The natural frequencies and degrees of isolation are based on dynamic characteristics of the mounting

Vee Mounting

Technical Drawing



Product Data

DRAWING No.	PART No.	TYPE	MAX LOAD (kg)	WEIGHT (kg)
11-1082	10-00205	55 IRH	210	4.2
11-1082	10-00206	65 IRH	315	4.2
11-1033	10-00196	50 IRH	470	4.5
11-1033	10-00197	60 IRH	710	4.5