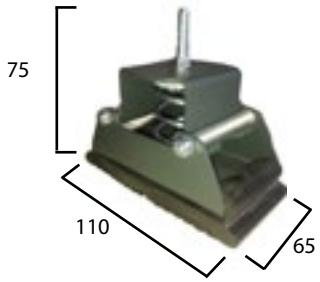
Vibro-AMR

RESTRAINED SPRING MOUNT



Vibro - AMR Spring Mount is a multidirectional anti-vibration restraint with relative limit stops. It can be used for low frequency vibration control (low speed rotation 400 rpm upwards) that also requires lateral and vertical restrain and protection from earthquakes and excess wind pressure, such as air compressors, two-cycle engines, chillers, water coolers, air handling units etc. A polyester powder paint protects the metal plates from oxidation. There are two holes on the base for fixing with M8 pass-through bolts (not included). On the upper part there is an M8 bolt in order for the **Vibro-AMR** to be fixed to the machinery.

All the metal parts of **Vibro - AMR** are constructed from metal plate with adequate thickness properly formed with no welding points. The rubber profile at its base, acts as a sound break and increases the isolation efficiency in high frequencies. The two horizontal axis that restrain the spring in vertical and horizontal movements, are covered with rubber to prevent noise transmition.

Vibro - AMR can offer simultaneously seismic control protection, successfully sustaining wind pressure lateral forces and at the same time, reduce the transmission of vibration to supporting structures.

If height regulation is required, a special jack screw can be provided along with the necessary nuts and washers.

Selection Table

TYPE	MAXIMUM LOAD (daN))
Vibro-AMR 25	25
Vibro-AMR 50	50
Vibro-AMR 100	100
Vibro-AMR 150	150

More load ranges available upon request

Dynamic Characteristics

Deflection: 25 mm at maximum load
Natural Frequency: 3 Hz at maximum load

-Available also with 50 mm deflection
-Available also with wire mesh internal damping (AMRD)

Design and Production according to Quality Management System ISO 9001.2008 & Environmental Management System ISO 14001.2004

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