



Vibro-AMR

RESTRAINED ANTI-VIBRATION SPRING MOUNTS

Applications

Anti-vibration spring mounts **Vibro - AMR** are 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 require 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.

Description

All the metal parts of **Vibro - AMR** are constructed from galvanized metal plate with adequate thickness properly formed. It has two holes at its base for fixing with M8 pass-through bolts (not included). **Vibro - AMR** can be fixed with the use of M8 pass -through bolts. On the upper there is an M8 bolt in order for the **Vibro - AMR** to be fixed to the machinery. The spring complies with ISO EN 10270 requirements.

The rubber profile at its base, acts as a sound break and increases the isolation efficiency in high frequencies, that could be transmitted throught the springs. The two horizontal axis that restrain the spring in vertical and horizontal movements, are covered with rubber to prevent noise transmition. The spring isolators **Vibro - AMR** with its innovative design can offer simultaneously seismic control protection, successfully sustaining of wind pressure lateral forces and at the same time, reduce the transmission of vibration to supporting structures.

Dynamic Characteristics

Deflection 25 mm at maximum load. Natural Frequency: 3 Hz at maximum load. Available also with 50 mm deflection.



Vibro-AMR Selection Table

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

Other load range available upon request $*1 \ kp = 10 \ N$

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



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