

Vibro-AM.wm

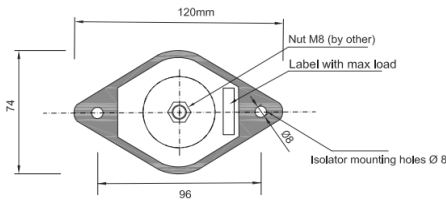
SPRING MOUNT - DAMPED WIRE MESH



Description

Vibro-AM.wm is a free standing single spring anti-vibration mount, with internal knitted stainless steel wire mesh. This metal cushion inside the spring increases the damping factor and limits the vibration at the natural frequency.

At its base, there is a galvanized metal plate with adequate thickness covered by a special rubber pad, resistant to outdoor conditions (not applicable in high temperature applications). This rubber profile offers better isolation efficiency at high frequencies, that can be transmitted through its metal structure. The oval base has two holes for fixing with M8 pass-through bolts. At the upper part there is a M8 bolt for fixing at the machinery.



Plant view

Applications

Vibro-AM.wm is an anti-vibration spring wire mesh mount for low frequency vibration control (slow speed rotation 400rpm upwards) such as compressors, two cycle engines, coolers, air handling units etc. Also it can be applied as support of sensitive devices.

It can be used for vibration isolation of mechanical equipment in military marine and avionics applications.

Vibro-AM.wm performs well in tough environments, and it is also resistant in normal liquids and dust .

Operating Characteristics

- Deflection: 25 mm at maximum load
- Natural Frequency: 3 to 10 Hz depending on load
- Operating temperature: -70 °C to 200 °C (upon request)
- Theoretical Vibration Attenuation up to 95%

Selection Table

TYPE	MAXIMUM AXIAL STATIC LOAD (daN)
Vibro-AM. wm 25	25
Vibro-AM. wm50	50
Vibro-AM.wm100	100
Vibro-AM .wm150	150
Vibro-AM .wm200	200

Other load ranges available upon request

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