Vibro-AMR.wm
RESTRINGED ANTI-VIBRATION SPRING MOUNTS
DAMPED WIRE MESH

Description
Vibro - AMR .wm is an anti-vibration spring mount, with multi directional restraint, with relative limit stops and internal stainless steel wire mesh cushion. The metal plate are protected from oxidation with polyester powder paint. On the bottom it can be fixed with the use of M8 pass -through bolts. On the upper part is an M8 bolt in order to be fixed to the machinery. Within the inside diameter of the coil spring there is a resilient cushion knitted stainless steel wire mesh which increases the damping factor and limits the amplification at the natural frequency.

Applications
Vibro-AMR.wm 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. It can be used for vibration isolation of mechanical equipment in military marine and avionics applications. Vibro-AMR.wm performs well in tough environments, and it is also resistant in normal liquids and dust.

It is recommended to be used for mechanical Noise & Vibration isolation for:
- Vibrating equipment subjected to seismic events.
- Vibrating equipment with significant center of mass alternations.
- High wind loads or other external forces are applied.

Selection Table

<table>
<thead>
<tr>
<th>TYPE</th>
<th>MAXIMUM LOAD (daN)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vibro-AMR.wm 25</td>
<td>25</td>
</tr>
<tr>
<td>Vibro-AMR.wm 50</td>
<td>50</td>
</tr>
<tr>
<td>Vibro-AMR.wm100</td>
<td>100</td>
</tr>
<tr>
<td>Vibro-AMR.wm 150</td>
<td>150</td>
</tr>
</tbody>
</table>

Other load range available upon request

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