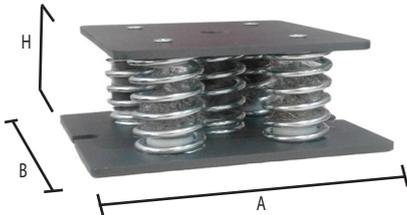


Vibro-MS.wm

MULTIPLE SPRING MOUNTS DAMPED WIRE MESH



Description

Vibro-MS.wm is an anti-vibration mount, with multiple free standing springs. Within the internal diameter of the coil spring there is a resilient cushion knitted stainless steel wire mesh. The springs are fixed with an innovative fastening system.

The internal metal cushion reduces the amplification at the natural frequency and increases the damping factor.

If the application is not exposed to high temperatures, it can be equipped with rubber profile at its base, that acts as a sound break and increases the isolation efficiency in high frequencies, that could be transmitted through the springs. It can be upgraded to *Vibro-MS.wm complex*, with the addition of antivibration polyurethane foam sheet with trade mark Regufoam® underneath its metal base.

Applications

Vibro-MS.wm is used for low frequency vibration control and especially in cases that the usage of multiple springs is necessary for greater stability. It can be used for vibration isolation of mechanical equipment in military, marine and avionics applications.

Vibro-MS.wm performs well in tough environments.

Selection Table

TYPE	No. of SPRINGS	DIMENSIONS (A-B-H mm)	MAXIMUM LOAD (daN)
Vibro-MS.wm 200	2	110 - 80 - 80	200
Vibro-MS.wm 300	3	140 - 80 - 80	300
Vibro-MS.wm 400	4	160 - 125 - 80	400
Vibro-MS.wm 500	5	160 - 125 - 80	500
Vibro-MS.wm 600	4	160 - 125 - 80	600
Vibro-MS.wm 750	5	160 - 125 - 80	750
Vibro-MS.wm 1000	10	200 - 125 - 80	1000

More load ranges 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%

Design and Production according to Quality Management System ISO 9001:2008 & Environmental Management System ISO 14001:2004