Vibro-SMRV

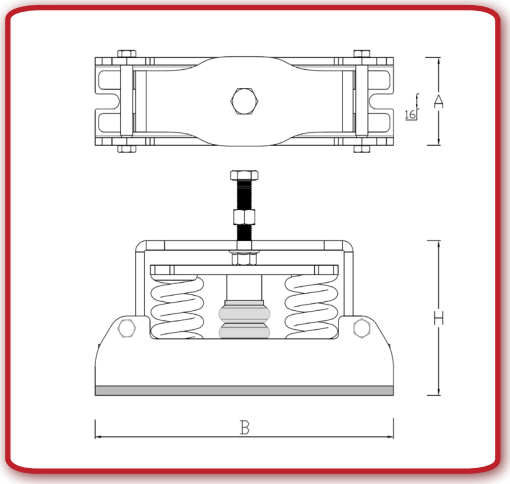
ANTIVIBRATION SPRING MOUNTS WITH MULTI-DIRECTIONAL RESTRAIN, VISCOUS DAMPING & ADJUSTABLE HEIGHT

APPLICATIONS

Antivibration spring mounts **Vibro-SMRV** are a multi directional antivibration restraint with a combination of spring and visco-damper mechanism with adjustable height.
Vibro-SMRV can be used for low frequency vibration control (low speed rotation 400 rpm upwards) that also requirelateral and vertical restrain and protection from earthquakes and excess wind pressure. Typical applications are air compressors, two-cycle engines, chillers, water cooling towers, air handling units etc.

DESCRIPTION

The casing is made of real steel and is protected from oxidation with a polyester powder paint (hot dip galvanised on request). Its innovative design has succeded to minimize arc weldings. The antivibration springs comply with ISO.EN.10270 standards and have a color indication to define the maximum load capacity. An adjustable height system is placed, in order to align the machine during the installation. At their base they have a special rubber profile, resistant to outdoor conditions, thus offering better vibration isolation efficiency also at high frequencies *(optional).* The silicon fluid, filled with appropriate viscosity in different centistokes rate, can provide damping forces in all directions of freedom Antivibration mounts Vibro-SMRV advanced design can successfully sustain forces from various directions both vertical and lateral (like earthquakes, hurricanes and wind-pressure protection). An elastic gasket is interceded between the two vertical surfaces, to avoid a possible sound-bridge transmission.



SELECTION TABLE

TYPE	DIMENSIONS (AxBxH) (mm)	SPRING NUMBER	MAX LOAD (Kp*)
Vibro SMRV - **500**.2	95x340x174	2	500
Vibro SMRV - **1000**.2	95x340x174	2	1000
Vibro SMRV - **1500**.2	95x340x174	2	1500
Vibro SMRV - **1000**.4	195x290x175	4	1000
Vibro SMRV - **2000**.4	195x290x175	4	2000
Vibro SMRV - **3000**.4	195x290x175	4	3000

**1Kp=10N*

DYNAMIC CHARACTERISTICS

Deflection (at maximum load): **25 mm**
Natural Frequency (at maximum load): **3 Hz**

Design and Production according to Quality Management System **ISO 9001** & Environmental Management System **ISO 14001**

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