

SMR

ANTI-VIBRATION SPRING MOUNT WITH MULTI-DIRECTIONAL RESTRAIN & ADJUSTABLE HEIGHT

Applications

Anti-vibration spring mounts Vibro-SMR are a multi directional antivibration restraint with adjustable height. 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. Typical applications are air compressors, two-cycle engines, chillers, water cooling towers, air handling units etc.

Description

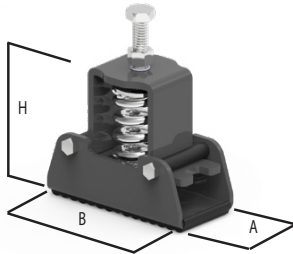
The Vibro-SMR's casing is made of steel and is protected from oxidation with a polyester powder paint (hot dip galvanised on request). The antivibration springs comply with ISO.N.10270 standards and have a color indication to define the maximum load capacity. An adjustable height system is placed, in 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)

Vibro-SMR Selection Table

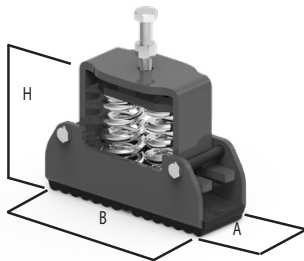
TYPE	No. of SPRINGS	DIMENSIONS (A- B - H mm)	MAXIMUM LOAD (daN)
Vibro-SMR 250.1	1	90-185-160	250
Vibro-SMR 500.1	1	90-185-160	500
Vibro-SMR 750.1	1	90-185-160	750
Vibro-SMR 500.2	2	95-260-170	500
Vibro-SMR 1000.2	2	95-260-170	1000
Vibro-SMR 1500.2	2	95-260-170	1500
Vibro-SMR 1000.4	4	195-290-180	1000
Vibro-SMR 2000.4	4	195-290-180	2000
Vibro-SMR 2500.5	5	195-290-180	2500
Vibro-SMR 3000.4	4	195-290-180	3000
Vibro-SMR 3750.5	5	195-290-180	3750

Other load range available upon request

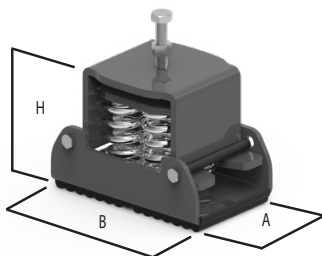
Vibro - SMR.1



Vibro - SMR.2



Vibro - SMR.4



Dynamic Characteristics

Deflection: 25 mm at maximum load
Natural Frequency: 3 Hz at maximum load

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