

Vibro-SM

ANTIVIBRATION SPRING MOUNTS WITH 2" (50mm) DEFLECTION & LATERAL RESTRAIN

APPLICATIONS

VIBRO - SM is the optimum solution for low-frequency vibration control with adjustable height and machine alignment combined with protection from lateral displacement

DESCRIPTION

The casing is made of steel and is protected from oxidation with a special anticorrosive paint.

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 in applications that the installation floor is uneven. At their base they have a special elastic profile, resistant to outdoor conditions, thus offering better vibration isolation efficiency also at high frequencies.

Antivibration mounts **Vibro-SM** advanced design can also successfully sustain lateral forces (like earthquakes and wind-pressure protection).

An elastic gasket is interceded between the two vertical reinforcements, to avoid creating a sound-bridge. Also through the friction that is developed, the phenomenon of resonance is decreased, at the beginning and the end of the machine operation.

SELECTION TABLE

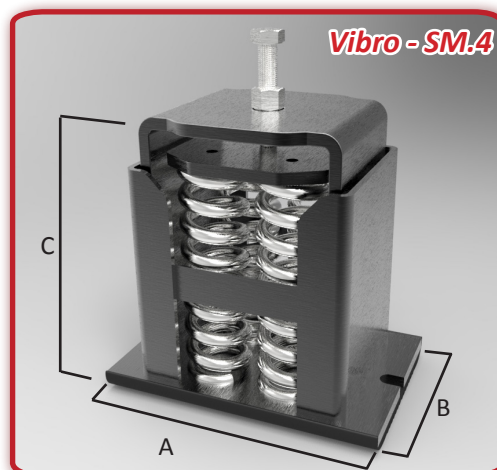
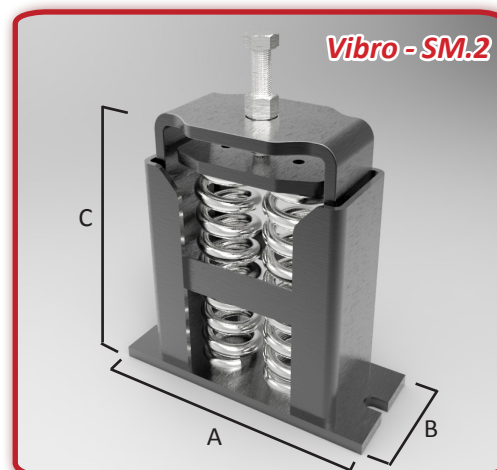
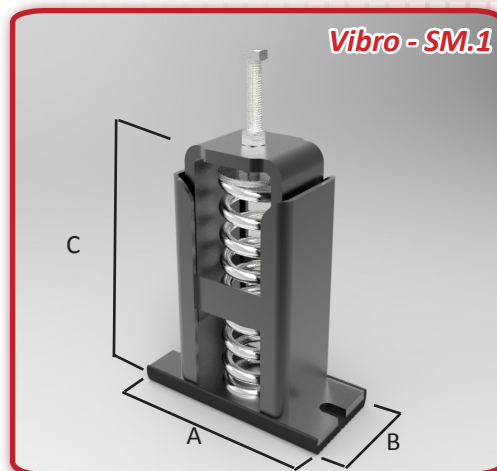
TYPE	DIMENSIONS (AxBxC) (mm)	SPRING NUMBER	LOAD RANGE (Kp)
SM - 250.1.50	180-80-215	1	100 - 250
SM - 500.1.50	180-80-215	1	250 - 500
SM - 750.1.50	180-80-215	1	400 - 750
SM - 500.2.50	250-100-230	2	200 - 500
SM - 1000.2.50	250-100-230	2	400 - 1000
SM - 1500.2.50	250-100-230	2	700 - 1500
SM - 1000.4.50	250-160-230	4	400 - 1000
SM - 2000.4.50	250-160-230	4	800 - 2000
SM - 3000.4.50	250-160-230	4	1200 - 3000

*1Kp=10N

DYNAMIC CHARACTERISTICS

Deflection (at maximum load): 2" (50) mm

Natural frequency (at maximum load): 3 Hz



Design and production according to International Standards ISO 9001.2008.

ALPHA ACOUSTIKI LTD

73 Apostolopoulou St. Chalandri 15231 Greece

T: +30 210 6779875 - F: +30 210 6779269

www.vibro.gr - info@vibro.gr