



Vibrabsorber
+ **sylomer**[®] by getzner
General Catalogue



48 h.



24 h.

72 h.

24 h.

USA DELIVERY



4 WEEKS

San Sebastián
Asteasu



Our stock is at your service.

50 YEARS OF EXPERIENCE ENDORSE US

Since 1969 **AMC MECANOCAUCHO®**, has pioneered the manufacture and design of products for the attenuation of vibrations and noise.

Factory 1 in Asteasu.



Factory 2 in Asteasu.



1969



1995



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AREAS OF APPLICATION

Our products are used in sectors such as:

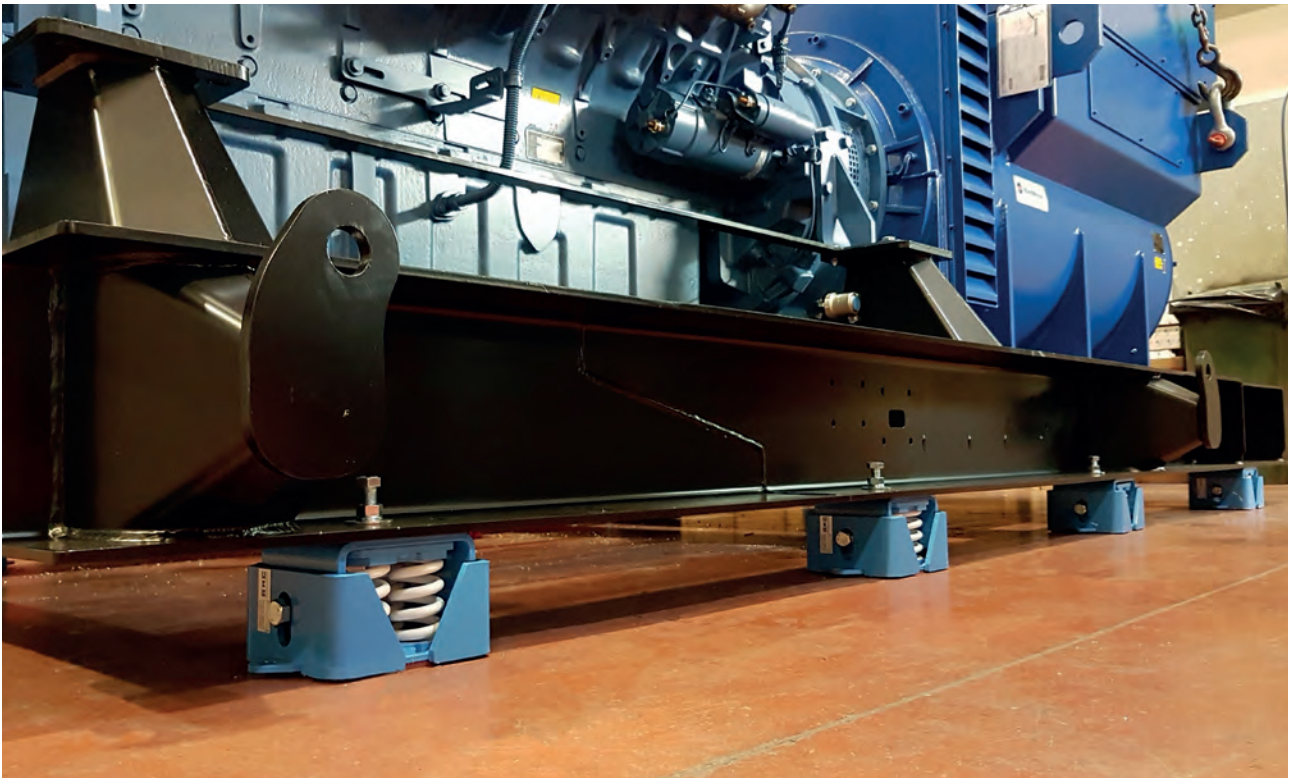
- Generation of electrical energy.
- Air compressors and Blowers.
- Pumps and Pumping equipment.
- Industrial vehicles.
- Machine Tools.
- Marine propulsion and auxiliary equipment.
- Agricultural and construction equipment machinery.
- Acoustic isolation of premises.



Compressor insulated with VIBRABSORBER +Sylomer®



Generator set insulated with VIBRABSORBER+Sylomer®



Generator set insulated with VIBRABSORBER+Sylomer®



Ventilation system insulated with VIBRABSORBER

QUALITY COMMITMENT

The products commercialised by AMC-MECANOCAUCHO[®] are all made in-house.

The stiffness and levels of mechanical fixations of all these products have been controlled so that they may be identified as "AMC MECANOCAUCHO[®]" products, whereby they can be traced. AMC MECANOCAUCHO[®] is officially approved by the NATO under the ID no. NCAGE 0230 B-compliant supplier.

ISO 9001:2014



ISO 14001: 2014



Marine type approval



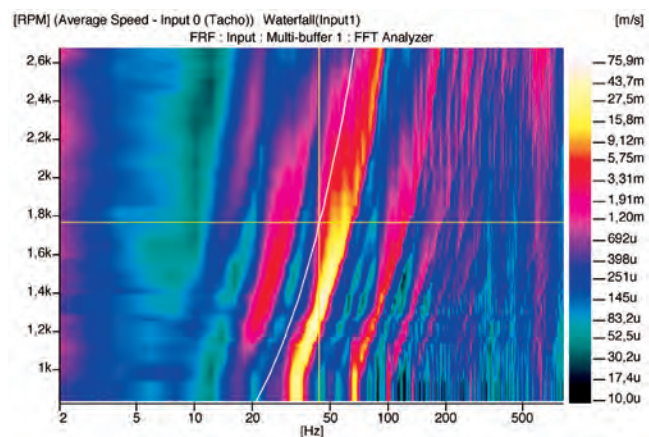
NATO certificate



THE SOLUTION

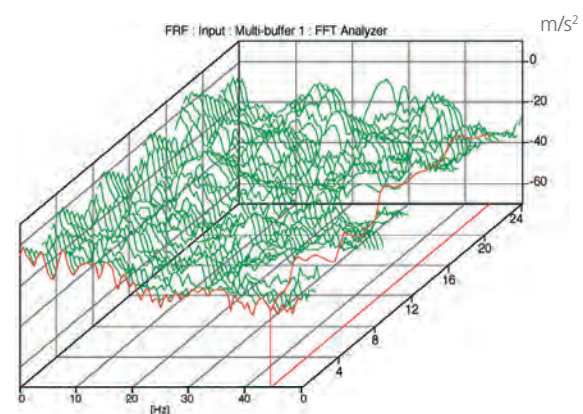
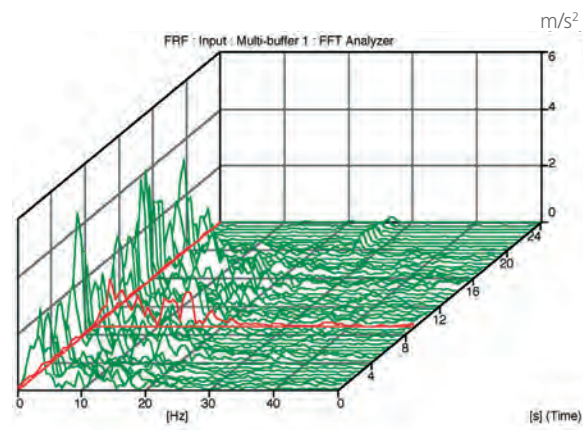
All machinery which by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts.

This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission.



FFT analysis of orders for a diesel engine

For over 45 years, AMC MECANOCAUCHO® has been developing the AMC MECANOCAUCHO® range of rubber-metal anti-vibration supports which can solve problems like the ones described above in all types of machinery, mobile or fixed. Thus protecting people and the environment from harmful effects of noise and vibration.



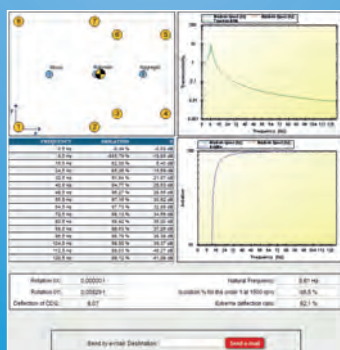
3D graphics of the vertical acceleration of a radiator

ENGINEERING

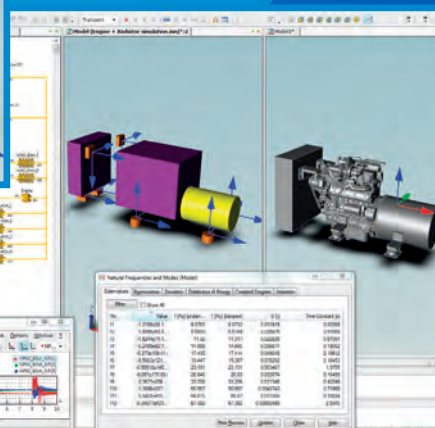
1. Calculation



One degree of freedom calculation

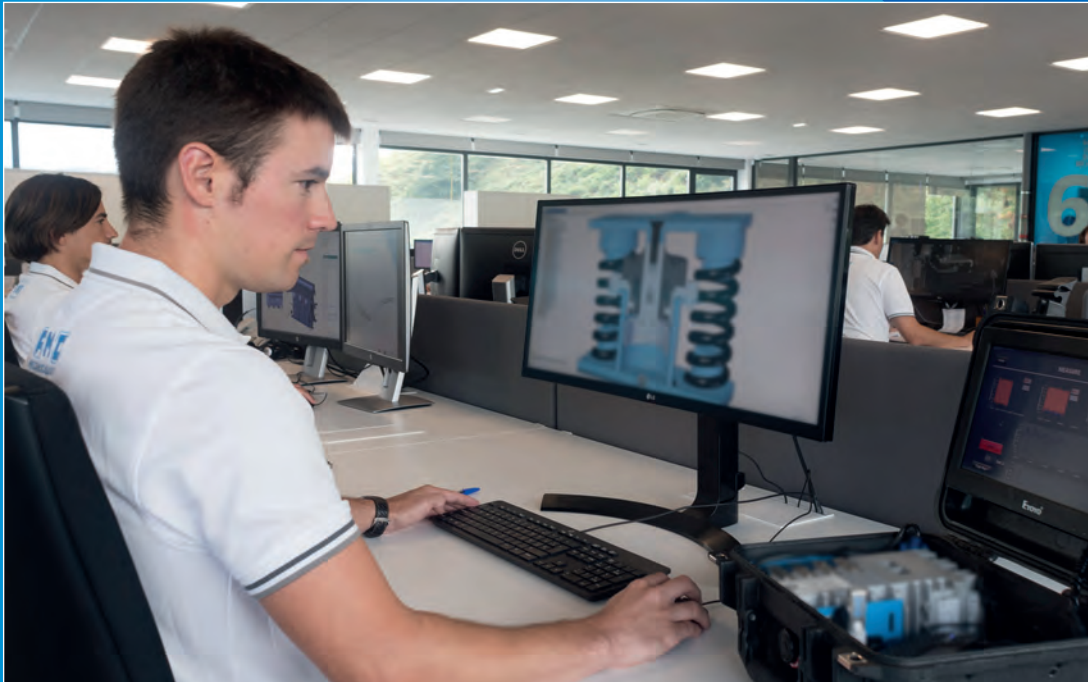


AMC MECANOCAUCHO® calculates anti-vibration solutions by taking into account data such as weight, mount positions, type of machine, Center of Gravity, frequency of excitation, etc...



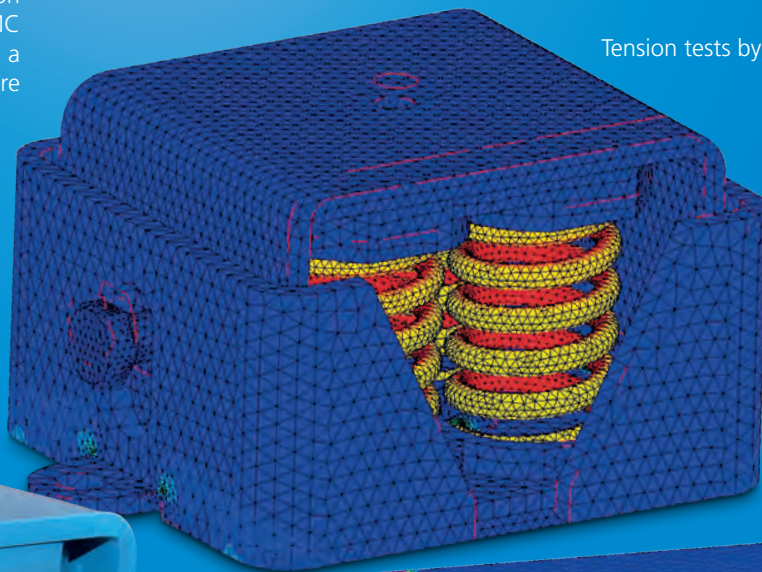
Anti-vibration calculation with more than one degree of freedom.

2. Design

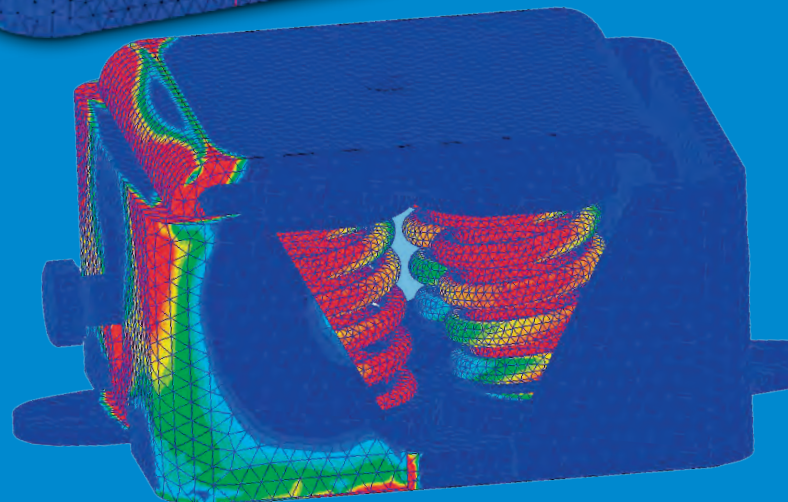


After studying client specific needs for the application and the isolation performance required, AMC MECANOCAUCHO® can produce a new design if standard products are not suitable.

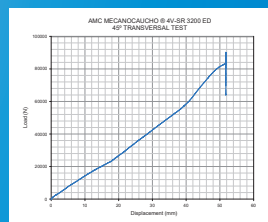
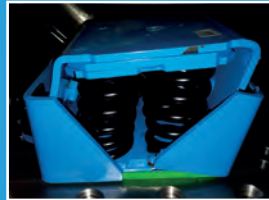
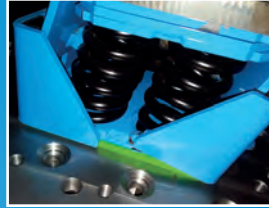
Tension tests by non linear FEM.



3D modelling of products



3. Test and dynamic characterisation



AMC MECANOCAUCHO® can offer customers a wealth of experience and know how in measuring noise and vibration to effect optimum solutions to those problems.

4. Measurements



AMC MECANOCAUCHO® provides its customers with all its experience and know-how in measuring vibrations and noise in the field so as to reduce machine-produced emissions of noise and vibrations.



THEORY OF VIBRATION ISOLATION

1.- ABC AT A GLANCE

MASS SPRING SYSTEM

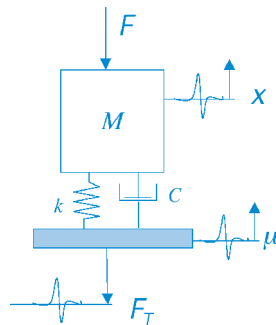
A mass spring system may be represented by a mass "M", excited by a force "F" and supported on an elastic stiffness element "K" with a dampening factor "C".

The frequency of the mass spring system is equal to:

$$f_o = \frac{1}{2 \cdot \pi} \sqrt{\frac{k}{M}}$$

figure 3

K = N/m
M = in Kg
Fo in Hz
C in Ns/m



The effectiveness of the suspension may be measured by transmissibility, i.e. by the force which is transmitted by the machine to the ground or floor. It is defined as the ratio between the force transmitted to the ground, FOT, and the original force produced by the vibration FO.

Another practical term is often used to describe the efficacy of an anti-vibration mount, namely the degree of insulation, which is:

Transmissibility equation: $E = (1 - T) \times 100\%$

Taking the following parameters into account:

Excitation

$$x = x_o \sin(\omega t + \vartheta)$$

$$F = F_{To} \sin(\omega t + \vartheta)$$

Response

$$\mu = \mu_o \sin \omega t$$

$$F = F_o \sin \omega t$$

Own Pulsation: $\omega_o = \sqrt{\frac{k}{M}}$ for $C \approx 0$

and natural frequency of $f_o = \frac{1}{2 \cdot \pi} \sqrt{\frac{k}{M}}$

The damping parameters are: $C_c = 2 \cdot \sqrt{kM}$

Where C_c is the critical damping and $\xi = \frac{C}{C_c}$ the damping coefficient.

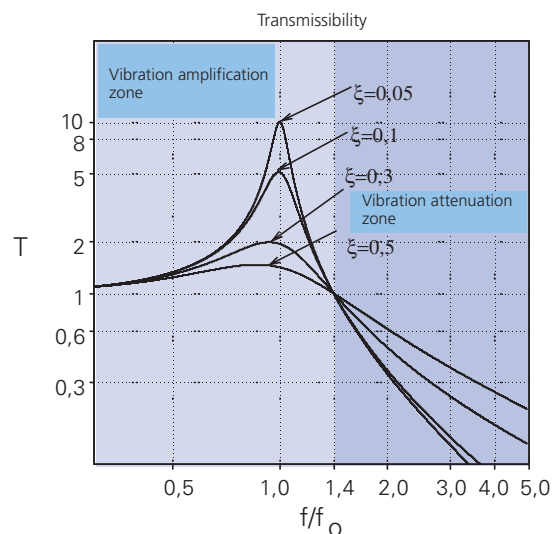
For this system we obtain a transmissibility T and a magnification factor A:

$$T = \frac{x_o}{\mu_o} = \frac{F_{To}}{F_o} = \sqrt{\frac{1 + \left(2 \cdot \xi \cdot \frac{\omega}{\omega_o}\right)^2}{\left(1 - \frac{\omega^2}{\omega_o^2}\right)^2 + \left(2 \cdot \xi \cdot \frac{\omega}{\omega_o}\right)^2}}$$

For the case of active $T = \frac{F_{To}}{F_o}$ and

passive isolations, we will have to $T = \frac{x_o}{\mu_o}$

Figure 5 represents the transmissibility curve of the schematic mass spring system of figure 3.



Examining this curve allows us to reach basic conclusions for an effective isolation.

If the frequency of excitation is $\sqrt{2}$ times less the natural frequency, transmissibility is greater than one, then the force transmitted is greater than the excitation force, there is magnification of the vibrations. When we work in this area, the existing damping in the system is important. The greater the latter, the smaller the magnification of the vibrations will be.

If the frequency of excitation is $\sqrt{2}$ times greater than the natural frequency, transmissibility is less than one, or in other words the force transmitted is less than the force originated in the system, then we are in the damping area.

In order to achieve the greatest isolation, the lowest possible natural frequencies should be sought. There are two ways of doing this:

- By increasing the system mass.
- By reducing the stiffness of the anti-vibration mount.

To increase the efficacy of the isolation in the damping area, it is advisable to have low damping, although weak damping generates greater displacement when passing through the resonance, it is advisable to use a damping coefficient t so that passage through the resonance does not give rise to inadmissible displacement for the machine.

STATIC AND DYNAMIC STIFFNESS

All elastomers suffer dynamic stiffening but metallic springs have a very low dynamic stiffening due to the low internal friction of the metals. Therefore we can consider that the springs have identical static and dynamic stiffness.

DAMPING

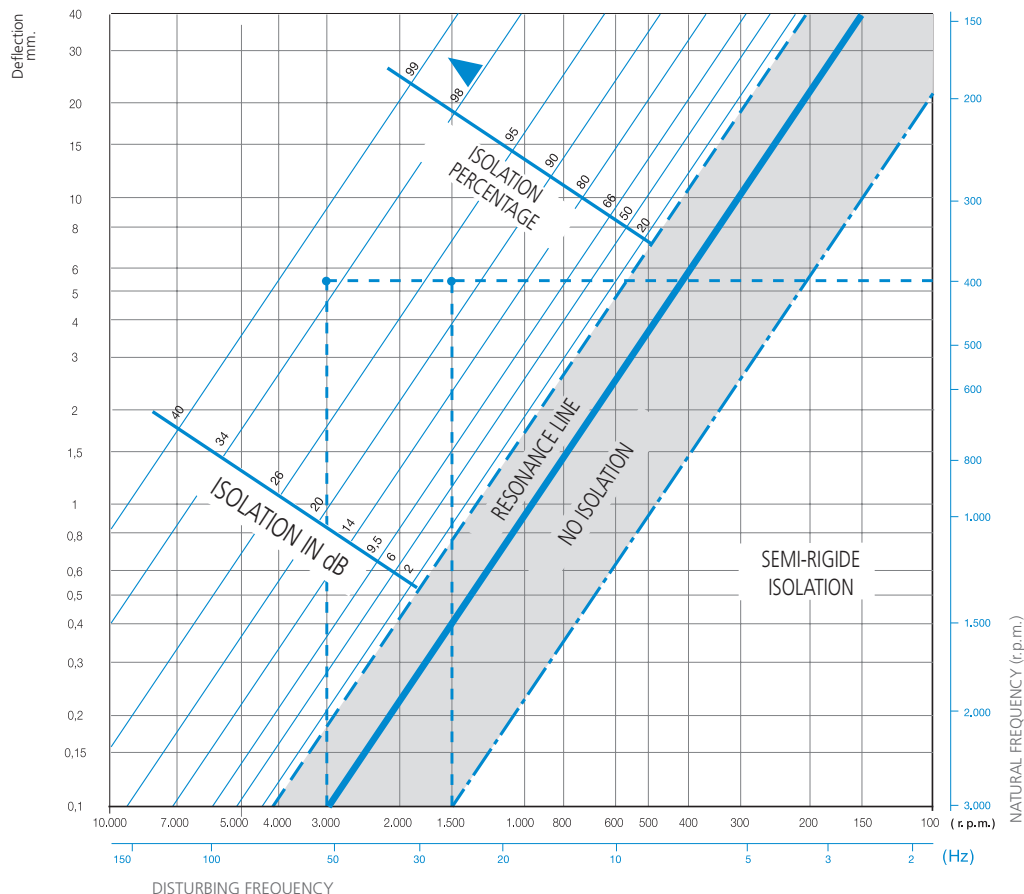
The metallic springs have very low damping. As we have mentioned previously, the metal spring coils, do not show any internal friction and therefore there is no energy dissipation through this phenomenon.

Dynamic laboratory tests have shown in practice that the damping for this kind of mounts is almost null and this is the reason why these mounts have been combined with viscous dampers for applications where more damping is demanded. For example genset suspensions.

CREEPING AND LONG-TERM BEHAVIOUR

The spring mounts do not have the creeping and continuous increase of deflection all elastomers have, but spring coils have also certain relaxation that depend on the applied load and the temperature. The higher the load and temperature are, the higher is the relaxation. Temperatures above 80°C and high loads, may cause a small loss of height in the spring. This set is always lower than the usual values of elastomers.

VIBRATION ISOLATION GRAPH



THEORY OF VIBRATION ISOLATION

1.- DYNAMIC TESTING MACHINE

Dynamic stiffness can only be established by measurement on a dynamic test bench. Similarly, the damping coefficients of compounds are further values that can be measured with this type of machines.

One concept that must be taken into account when designing an anti-vibration mount is its durability. A dynamic testing machine allows us to conduct fatigue tests that reproduce the real working conditions of the part so that its useful life can thus be predicted.

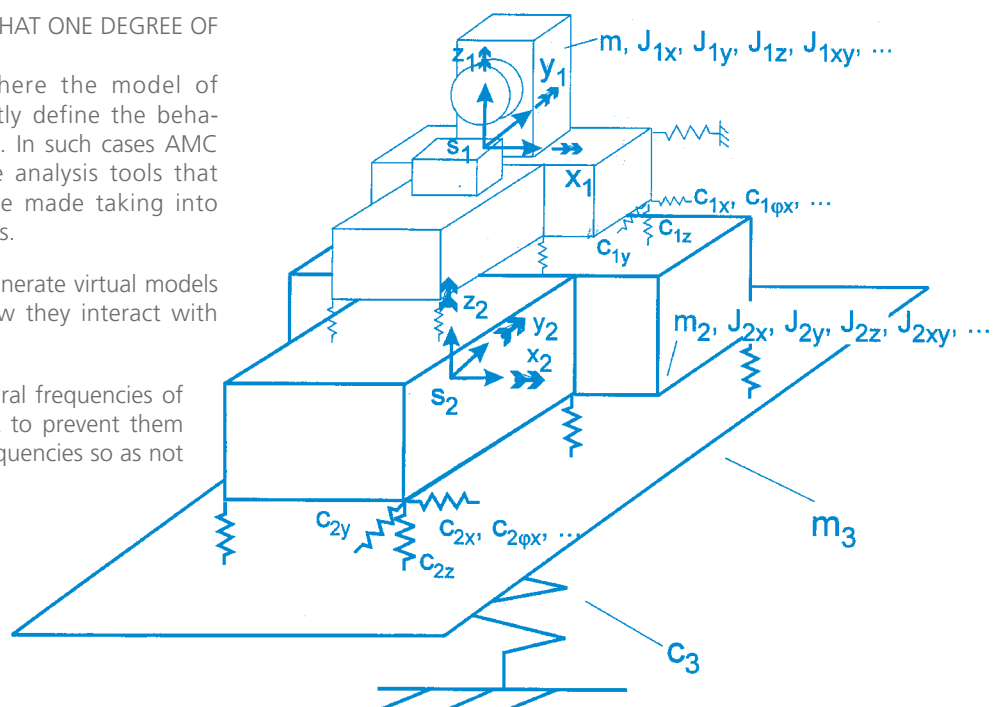


2.- ANALYSIS OF SYSTEMS OF MORE THAN ONE DEGREE OF FREEDOM

In actual fact, there are cases where the model of 1 degree of freedom cannot correctly define the behaviour of the equipment to be isolated. In such cases AMC MECANOCAUCHO® engineers have analysis tools that enable more elaborate models to be made taking into account the 6 Degrees of Freedom rules.

The latest computing tools can also generate virtual models of solid rigid multiples and study how they interact with each other and with the environment.

As a result, we can ascertain the natural frequencies of the system which are really important to prevent them from coinciding with the excitation frequencies so as not to have resonance problems.



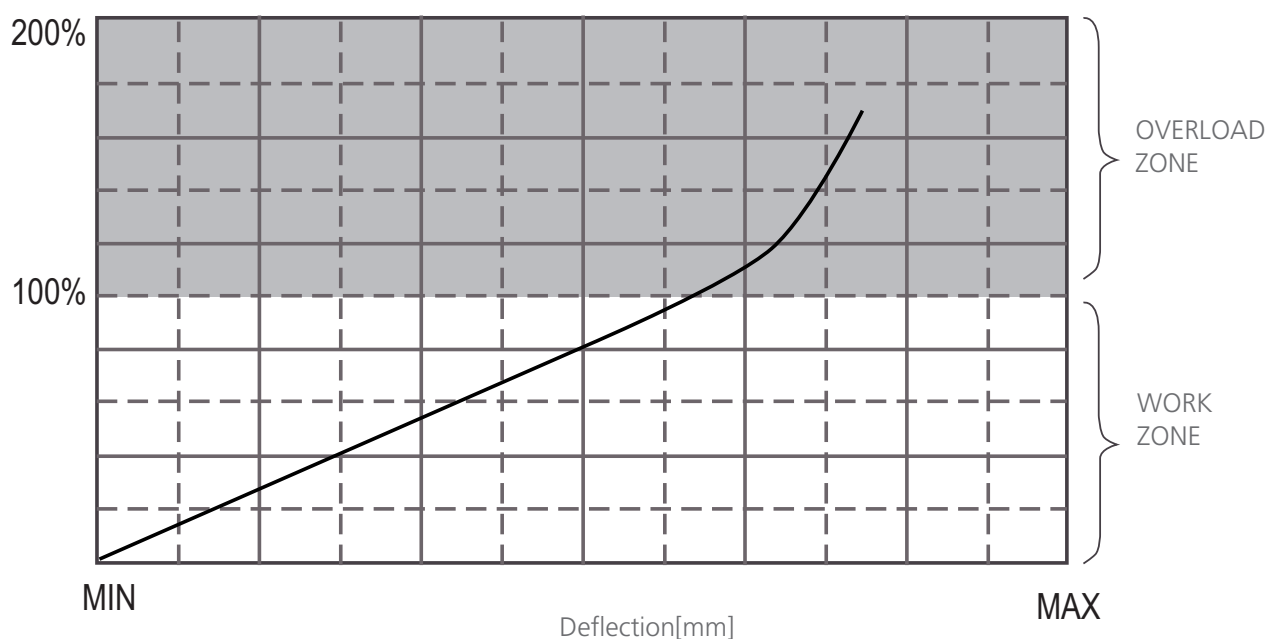
VIBRABSORBER MOUNT CHARACTERISTICS

FUNCTION OF INVERTED DOUBLE CONE INSIDE THE SPRING

The function of this element is to limit the compression of the spring in case of an unexpected overload, acting as an end-of-stroke buffer



Typical behaviour in compression



THE ADVANTAGES OF THE Vibrabsorber + sylomer[®] by getzner

- The SYLOMER[®] mat that these dampers incorporate, isolates the mid-high frequency vibrations which are transmitted through the coils of metal springs.
- These high and mid-range frequencies, if they are not isolated, are spread throughout the buildings or structures, generating noise.

With the aim to confirm the advantages of applying Sylomer[®] on our spring system, an analysis of FFT was carried out on fan system of a known international make.

OBJECTIVE OF THE TEST

The objective of this test is to compare the isolation which the Vibrabsorber springs offer with or without Sylomer[®].

MEASURES USED

- Reference of the Machine:
Refrigerator set Power 20Kw
- Supports set: 1 AMC 250 + Sylomer[®] P12
- Measuring equipment: FFT Pulse, Bruel & Kjaer multi analyser. The spectrums shown in the graphics demonstrate that they are within a frequency range of 0-1000Hz and 1600 lines, represent the vibratory speed.

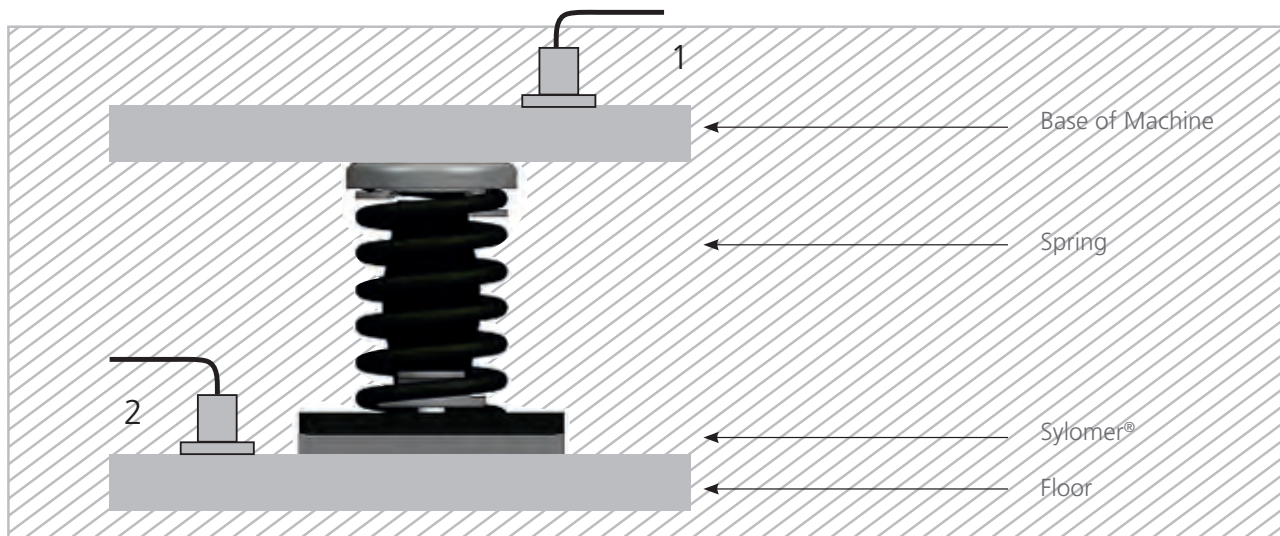
TEST METHOD:

So as to know the isolation of the vibrations for each anti-vibratory phase, the sensors were placed in the following positions:

1. Machine: The objective is to know the nature of the vibrations of the machine, both their magnitude as well as frequency.
2. Base of the support: The objective is to know the vibratory isolation achieved by the spring.
3. Floor: The objective is to know the vibratory isolation achieved by Vibrabsorber + Sylomer[®].



INSTALLATION OF THE VIBRATION MEASUREMENT OF A REFRIGERATOR SET



VIBRATION MEASUREMENT OF A REFRIGERATOR SET



1AMC 250



1AMC 250 + Sylomer® P12

VIBRATION MEASUREMENT

RESULTS:

FFT Pulse, Bruel & Kjaer multi analyser. The spectrums shown in the graphics demonstrate that they are within a frequency range of 0-1000Hz and 1600 lines, represent the vibratory speed.

1. Results on the Machine POINT 1:

The maximum vibration rms velocity is situated at 25Hz followed by another of lower magnitude at around 50 Hz. High frequency vibrations are also observed which correspond to harmonics and structural frequency responses from the machine.

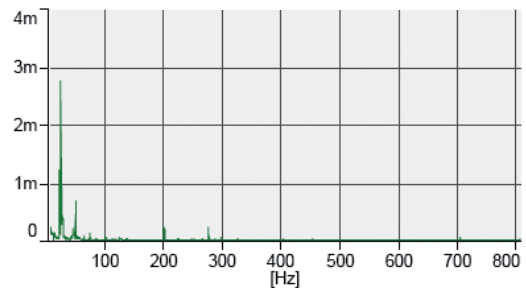
2. Results on the Machine POINT 2 without Sylomer®:

In this graphic, a reduction can be observed in the predominant peaks. What is most noticeable is that frequencies above 200Hz are transmitted through the coils of the spring. These frequencies from 100 to 500 Hz are considered "audible" frequencies, meaning noise.

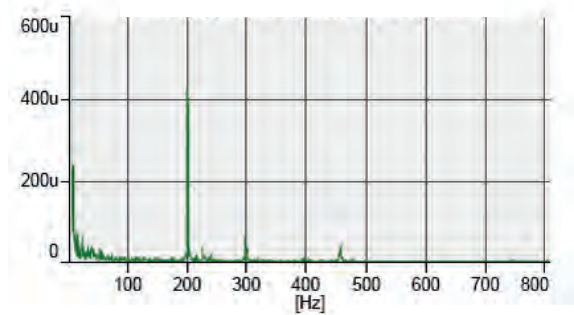
3. Results on the Machine POINT 2 with Sylomer®:

In this graphic, a reduction can be observed in all the peaks. The transmission of "noise" through the coils of the spring is reduced.

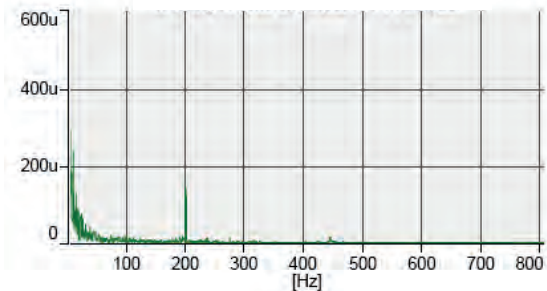
1. [m/s] Autospectrum (Motor velocity) – Point 1 and Working: Point 6z: Input: FFT Analyzer



2. [m/s] Autospectrum (Chassis velocity) – Point 1 and Working: Point 6z: Input: FFT Analyzer



3. [m/s] Autospectrum (Chassis velocity) – Point 1 and Working: Point 6z: Input: FFT Analyzer



CONCLUSION

The air conditioning machines generate vibrations in a wide frequency spectrum. It is important that the anti-vibration supports are capable of isolating the low medium or high frequencies to the maximum. The Spring of the Vibrabsorbers is very effective for the low frequencies while Sylomer® is especially interesting to reduce medium and high vibration frequencies that are very relevant for the emission of structural noise.

Vibrabsorber by getzner + sylomer®

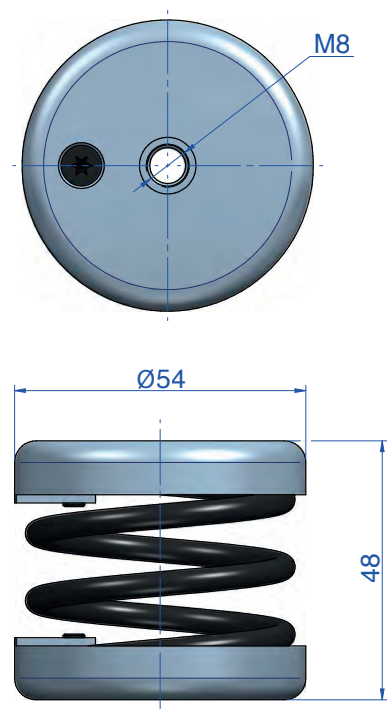
Vibrabsorber
by getzner
+ sylomer®



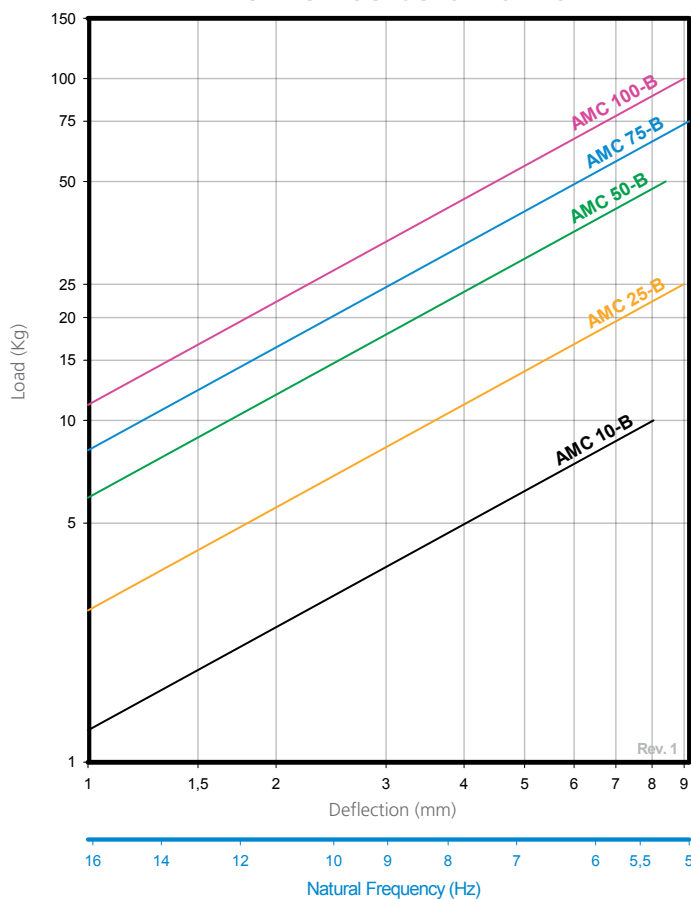
B Series

The B Series spring mounts are necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts.

This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® B SERIES



Type	Spring color	M	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
AMC 10-B	BLACK	M-8	10	20171	0,2	12
AMC 25-B	BLACK	M-8	25	20173	0,205	27
AMC 50-B	BLACK	M-8	50	20175	0,254	58
AMC 75-B	BLACK	M-8	75	20177	0,26	80
AMC 100-B	BLACK	M-8	100	20179	0,29	109

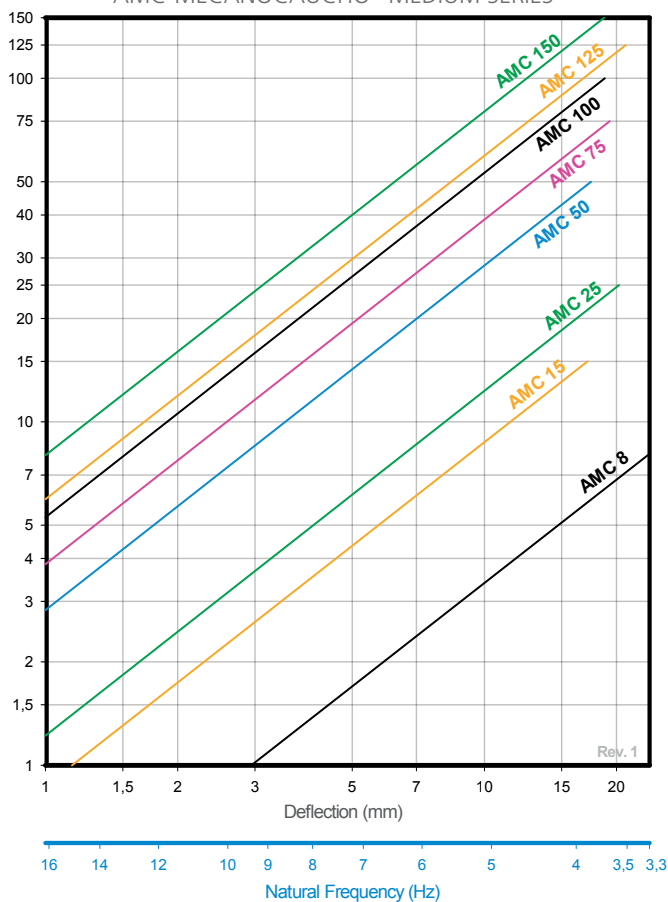
Medium Series

This is a range designed for the suspension of machinery operating at 500 rpm. The range of loads to be carried varies from 8 to 150 kg per support point.

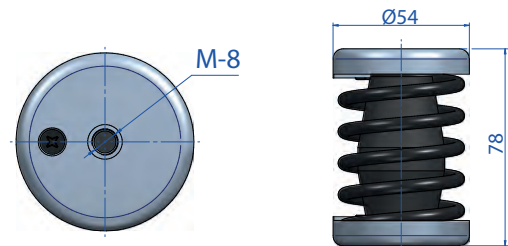
Vibrabsorber

Type	Spring color	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
AMC 8	BLACK	8	20139	0,192	3,3
AMC 15	BLACK	15	20126	0,285	8,5
AMC 25	BLACK	25	20101	0,285	12
AMC 50	BLUE	50	20103	0,274	28
AMC 75	GREY	75	20105	0,298	38
AMC 100	BEIGE	100	20107	0,353	52
AMC 125	WHITE	125	20300	0,395	58
AMC 150	BLACK	150	20303	0,355	79
Round rubber base	-	-	20109	0,085	
Rectangular base	-	-	612014	0,175	
Rectangular base+Sylomer®	-	-	20106	0,172	

LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® MEDIUM SERIES



AMC15-150

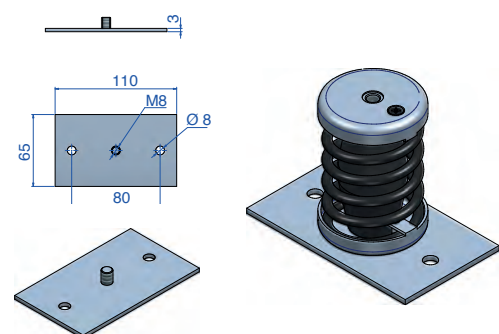


Round rubber base

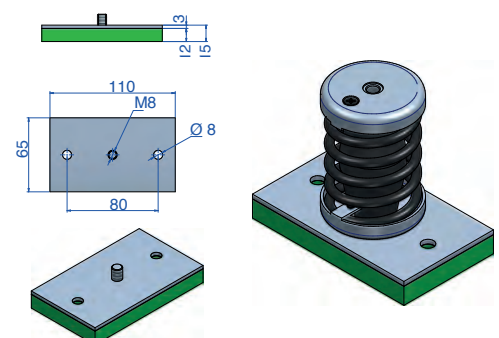
Ø64 x 7 x M8



Rectangular base



Rectangular base



Bases

Using the medium series spring mounts together with these bases you can create your own spring mount sets yourself. Especially interesting for stockists that wish to keep low number of references in stock.

1AMC

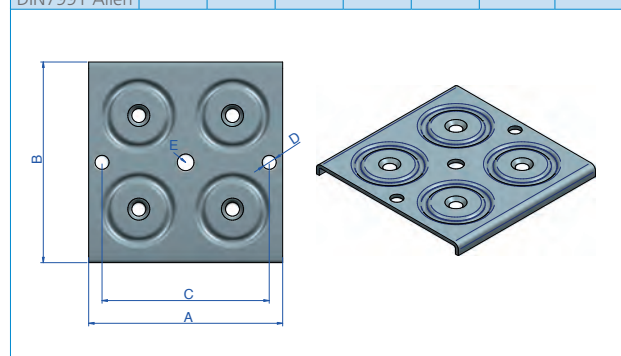
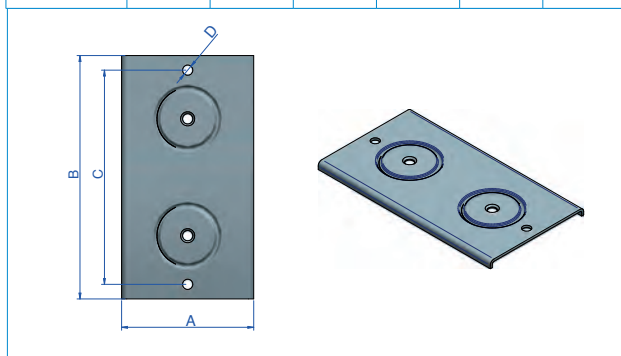
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Code	Weight (kg)
Small	100	71	80	8,5	M-8	612034	0,189
Big	140	100	120	12	M-12	612035	0,347

2AMC

4AMC

Type	A (mm)	B (mm)	C (mm)	D (mm)	Code	Weight (kg)
Ø54	77	196	166	10,5	612045	0,433
Ø75	230	105	200	10,5	612029	0
Ø90	260	125	230	10,5	612031	0,795

Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	Code	Weight (kg)
Ø54	145	150	125	10,5	M-12	612030	0,565
Ø75	210	205	186	10,5	M-16	612032	1,06
Ø90	250	230	230	10,5	M-16	612033	1,48
M12x25 Screw DIN7991 Allen						611278	0,026



1 AMC Dual cup

With dual cup springs you can do yourself the installation of the springs.

Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
150	BLUE	75	116	M-12	150	20309	1,102	52
200	WHITE	75	116	M-12	200	20310	1,138	66
250	BLACK	75	116	M-12	250	20320	1,225	83
350	CREAM	75	116	M-12	350	20330	1,392	114
500	LIGHT GREY	90	116	M-12	500	20340	2,56	268
750	GREEN	90	116	M-12	750	20350	2,56	407

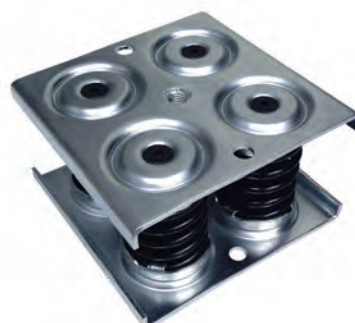
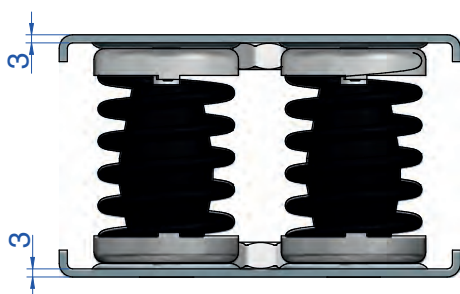
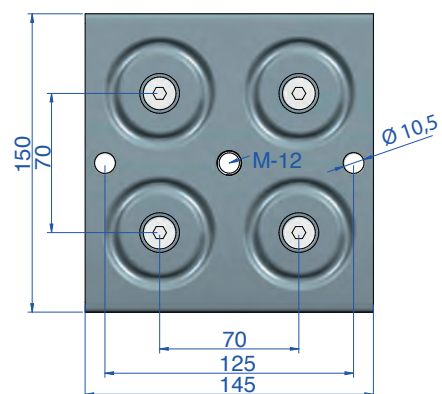
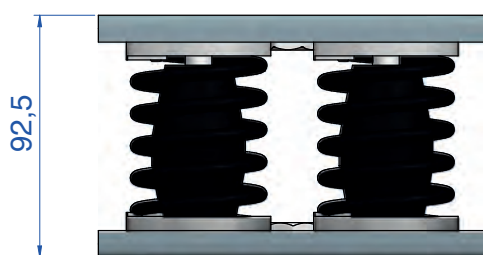
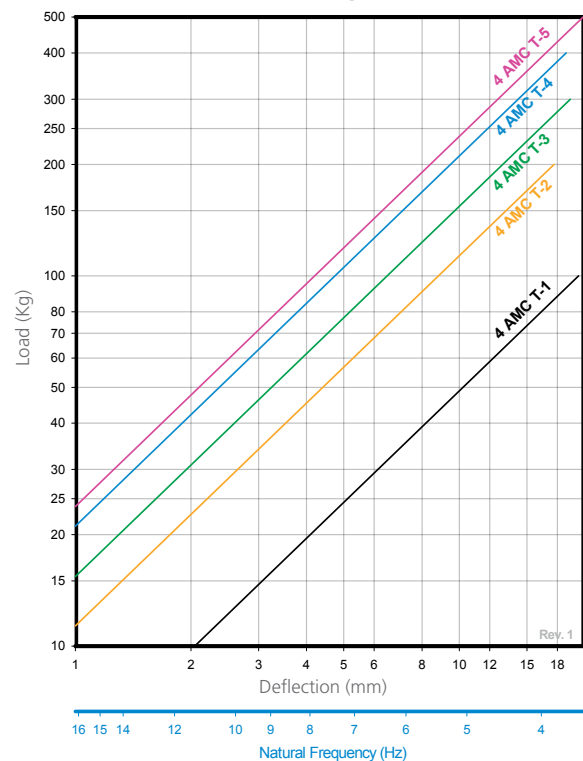
4 AMC T

The 4 AMC T spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

Type	Spring color	Min. Load (kg)	Max. Load (kg)	Code	Weight (kg)	K N/mm
4 AMC T-1	BLACK	40	100	20011	6,423	48
4 AMC T-2	BLUE	100	200	20012	6,645	111
4 AMC T-3	GREY	200	300	20013	6,899	151
4 AMC T-4	BEIGE	300	400	20014	6,954	207
4 AMC T-5	WHITE	400	500	20015	7,122	234

LOAD VS DEFLECTION GRAPH
4 AMC T



1 AMC

The 1 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

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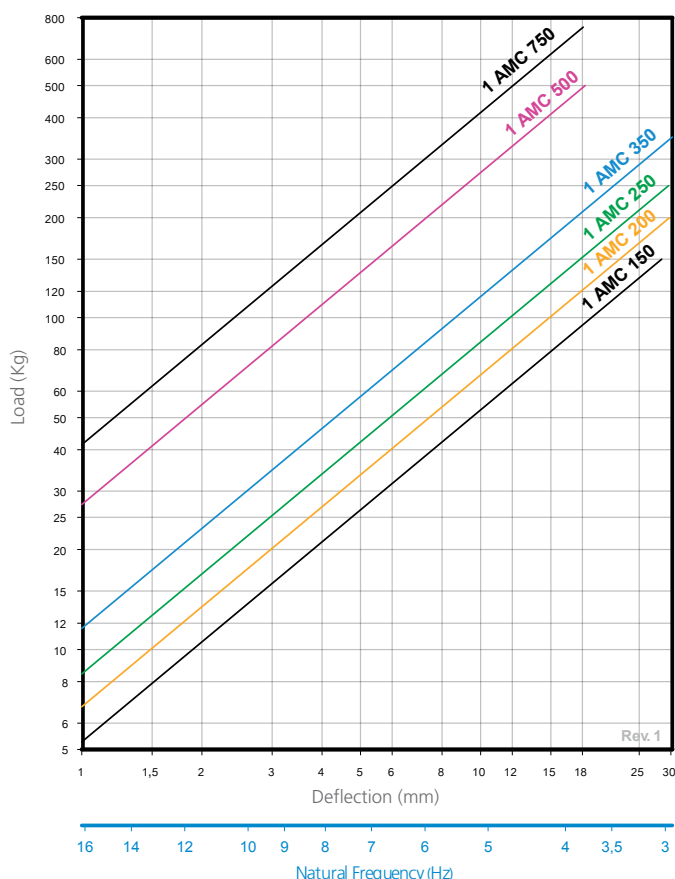
Vibrabsorber + sylomer®

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
1 AMC 150 + Sylomer®	BLUE	75	127	M-12	98,5	120	12	140	150	20371	1,102	52
1 AMC 200 + Sylomer®	WHITE	75	127	M-12	98,5	120	12	140	200	20372	1,138	66
1 AMC 250 + Sylomer®	BLACK	75	127	M-12	98,5	120	12	140	250	20373	1,225	83
1 AMC 350 + Sylomer®	CREAM	75	127	M-12	98,5	120	12	140	350	20374	1,392	114
1 AMC 500 + Sylomer®	LIGHT GREY	93	127	M-14	98,5	120	12	140	500	20375	2,56	268
1 AMC 750 + Sylomer®	GREEN	93	127	M-14	98,5	120	12	140	750	20376	3,036	407
1 AMC 150 + DB Sylomer®	BLUE	140	138	12	98,5	120	-	-	150	20459	1,59	52
1 AMC 200 + DB Sylomer®	WHITE	140	138	12	98,5	120	-	-	200	20520	1,63	66
1 AMC 250 + DB Sylomer®	BLACK	140	138	12	98,5	120	-	-	250	20460	1,66	83
1 AMC 350 + DB Sylomer®	CREAM	140	138	12	98,5	120	-	-	350	20538	0	114
1 AMC 500 + DB Sylomer®	LIGHT GREY	140	138	12	98,5	120	-	-	500	20433	2,1	268
1 AMC 750 + DB Sylomer®	GREEN	140	138	12	98,5	120	-	-	750	20429	0	407

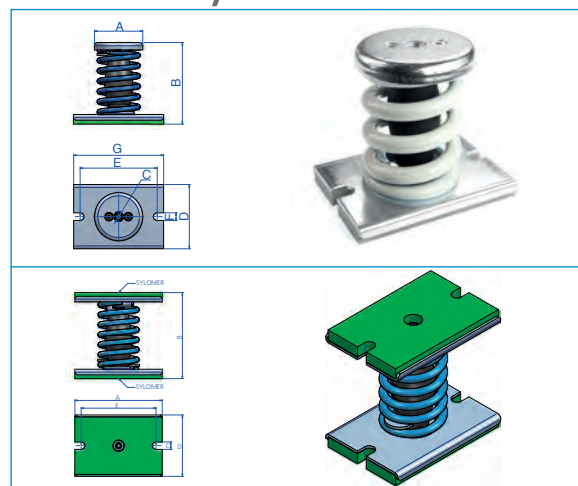
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
1 AMC 150	BLUE	75	122	M-12	80	87	10	115	150	20301	1,102	52
1 AMC 200	WHITE	75	122	M-12	80	87	10	115	200	20311	1,138	66
1 AMC 250	BLACK	75	122	M-12	80	87	10	115	250	20321	1,225	83
1 AMC 350	CREAM	75	122	M-12	80	87	10	115	350	20331	1,392	114
1 AMC 500	LIGHT GREY	93	120	M-14	100	120	12	150	500	20341	2,56	268
1 AMC 750	GREEN	93	120	M-14	100	120	12	150	750	20351	3,036	407

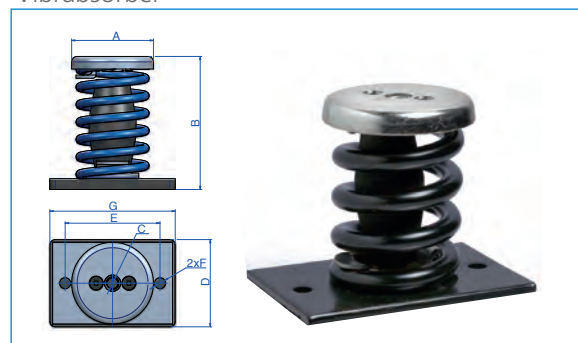
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCACHO® 1AMC



Vibrabsorber + sylomer®



Vibrabsorber



2 AMC

The 2 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

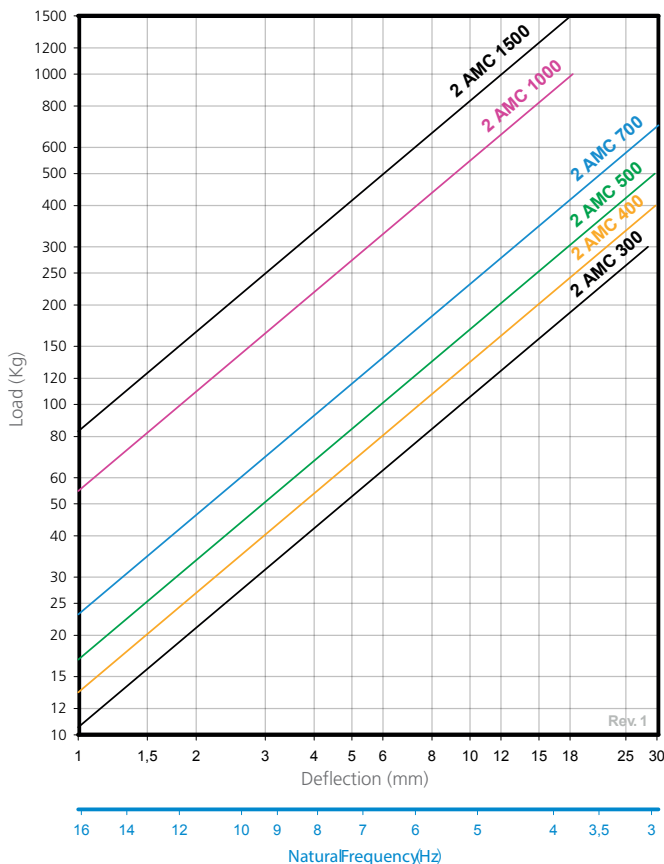
Vibrabsorber + ^{by getzner}sylomer®

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
2 AMC 300+Sylomer®	BLUE	200	136	75	12	170	220	244	81	300	20471	3,1	103
2 AMC 400+Sylomer®	WHITE	200	136	75	12	170	220	244	81	400	20472	3,172	132
2 AMC 500+Sylomer®	BLACK	200	136	75	12	170	220	244	81	500	20473	3,348	166
2 AMC 700+Sylomer®	CREAM	200	136	75	12	170	220	244	81	700	20474	3,7	227
2 AMC 1000+Sylomer®	LIGHT GREY	250	136	100	14	210	270	298	106	1000	20475	5,9	536
2 AMC 1500+Sylomer®	GREEN	250	136	100	14	210	270	298	106	1500	20476	6,844	813

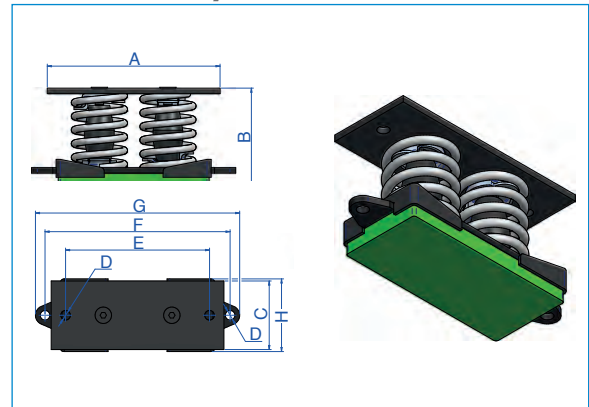
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
2 AMC 300	BLUE	200	124	75	12	170	-	-	-	300	20401	3,1	103
2 AMC 400	WHITE	200	124	75	12	170	-	-	-	400	20411	3,172	132
2 AMC 500	BLACK	200	124	75	12	170	-	-	-	500	20421	3,348	166
2 AMC 700	CREAM	200	124	75	12	170	-	-	-	700	20431	3,7	227
2 AMC 1.000	LIGHT GREY	250	124	100	14	210	-	-	-	1000	20441	5,9	536
2 AMC 1.500	GREEN	250	124	100	14	210	-	-	-	1500	20451	6,844	813

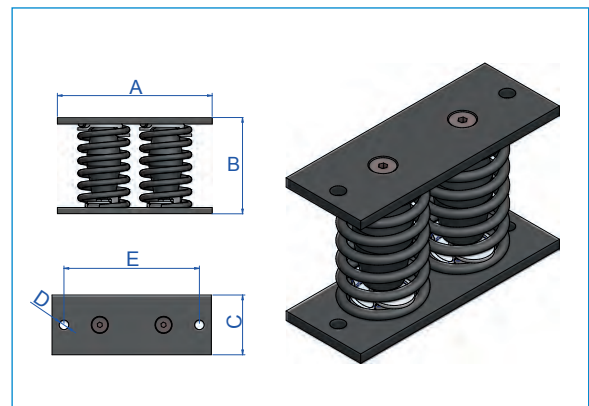
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2AMC



Vibrabsorber + ^{by getzner}sylomer®



Vibrabsorber



3 AMC

The 3 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction

in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

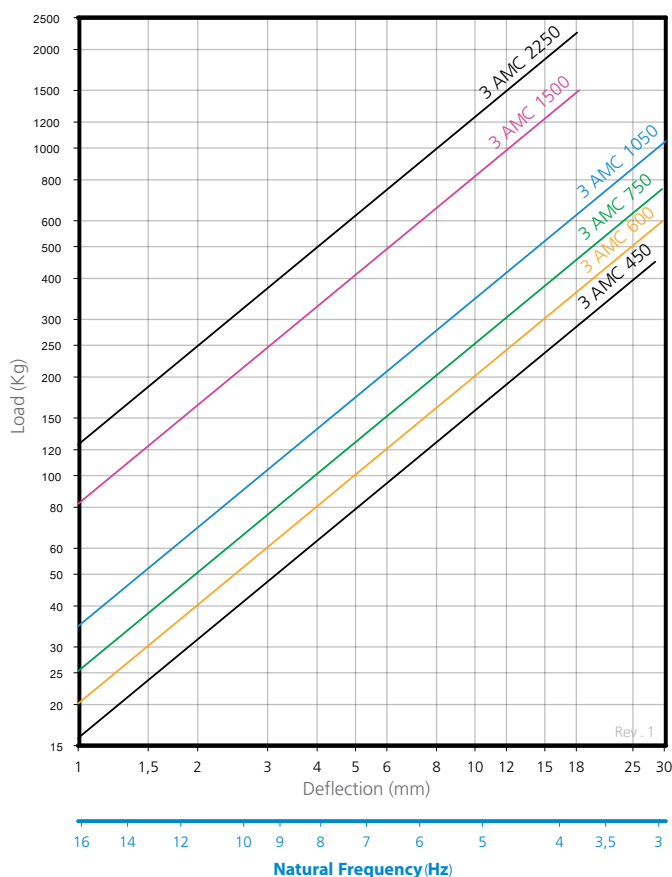
Vibrabsorber + by getzner **sylomer®**

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
3 AMC 450+Sylomer®	BLUE	196,3	136	M-16	12	180	176	207,7	110	201,4	450	20571	4,6	155
3 AMC 600+Sylomer®	WHITE	196,3	136	M-16	12	180	176	207,7	110	201,4	600	20572	4,714	198
3 AMC 750+Sylomer®	BLACK	196,3	136	M-16	12	180	176	207,7	110	201,4	750	20573	4,978	248
3 AMC 1050+Sylomer®	CREAM	196,3	136	M-16	12	180	176	207,7	110	201,4	1050	20574	5,524	341
3 AMC 1500+Sylomer®	LIGHT GREY	246	136	M-20	14	220	219	255,7	136	251	1500	20575	8,564	804
3 AMC 2250+Sylomer®	GREEN	246	136	M-20	14	220	219	255,7	136	251	2250	20576	9,964	1220

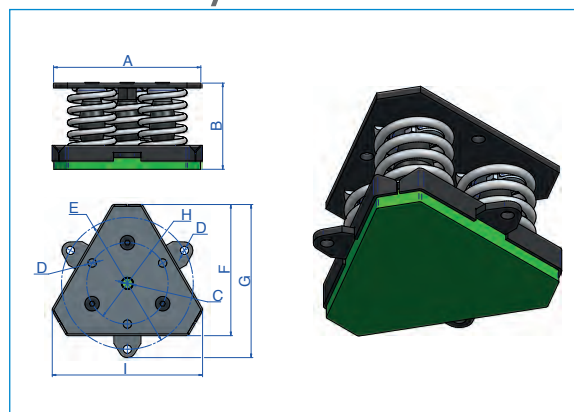
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
3 AMC 450	BLUE	196,3	124	M-16	12	-	-	-	-	-	450	20501	4,6	155
3 AMC 600	WHITE	196,3	124	M-16	12	-	-	-	-	-	600	20511	4,714	198
3 AMC 750	BLACK	196,3	124	M-16	12	-	-	-	-	-	750	20521	4,978	248
3 AMC 1050	CREAM	196,3	124	M-16	12	-	-	-	-	-	1050	20531	5,524	341
3 AMC 1500	LIGHT GREY	242	124	M-20	14	-	-	-	-	-	1500	20541	8,564	804
3 AMC 2250	GREEN	242	124	M-20	14	-	-	-	-	-	2250	20551	9,964	1220

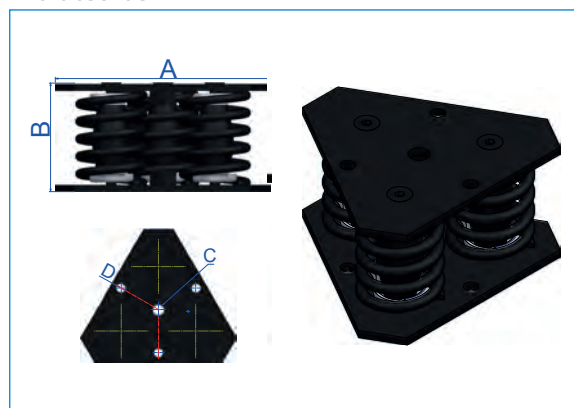
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCACHO® 3AMC



Vibrabsorber + by getzner **sylomer®**



Vibrabsorber



4 AMC

The 4 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

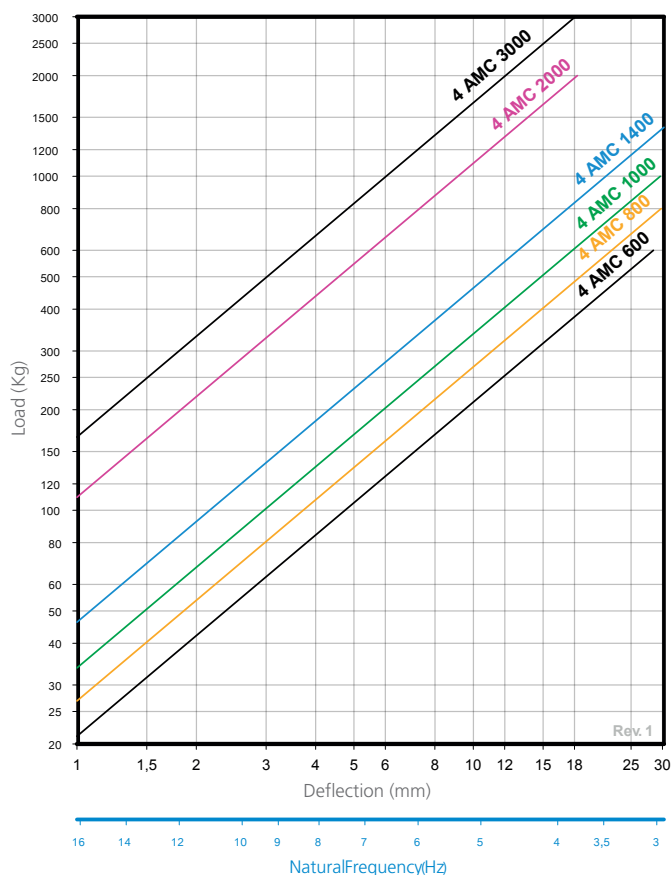
Vibrabsorber + ^{by getzner}sylomer®

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
4 AMC 600+Sylomer®	BLUE	200	136	M-16	150	12	170	190	214	156	600	20671	6,412	207
4 AMC 800+Sylomer®	WHITE	200	136	M-16	150	12	170	190	214	156	800	20672	6,572	264
4 AMC 1000+Sylomer®	BLACK	200	136	M-16	150	12	170	190	214	156	1000	20673	6,7	331
4 AMC 1400+Sylomer®	CREAM	200	136	M-16	150	12	170	190	214	156	1400	20674	7,636	454
4 AMC 2000+Sylomer®	LIGHT GREY	250	136	M-20	200	14	210	260	288	206	2000	20675	12,1	1072
4 AMC 3000+Sylomer®	GREEN	250	136	M-20	200	14	210	260	288	206	3000	20676	13,962	1627

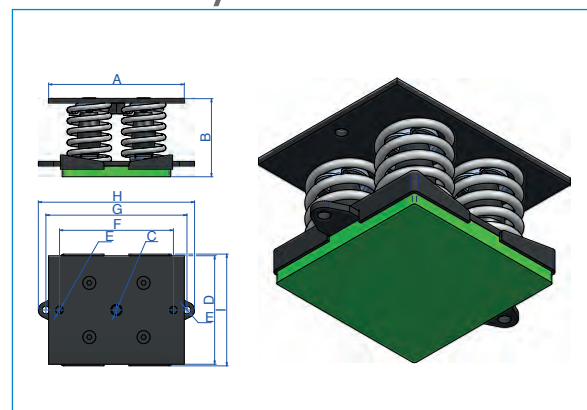
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
4 AMC 600	BLUE	200	124	M-16	150	12	170	-	-	-	600	20601	6,412	207
4 AMC 800	WHITE	200	124	M-16	150	12	170	-	-	-	800	20611	6,572	264
4 AMC 1000	BLACK	200	124	M-16	150	12	170	-	-	-	1000	20621	6,7	331
4 AMC 1400	CREAM	200	124	M-16	150	12	170	-	-	-	1400	20631	7,636	454
4 AMC 2000	LIGHT GREY	250	124	M-20	200	14	210	-	-	-	2000	20641	12,1	1072
4 AMC 3000	GREEN	250	124	M-20	200	14	210	-	-	-	3000	20651	13,962	1627

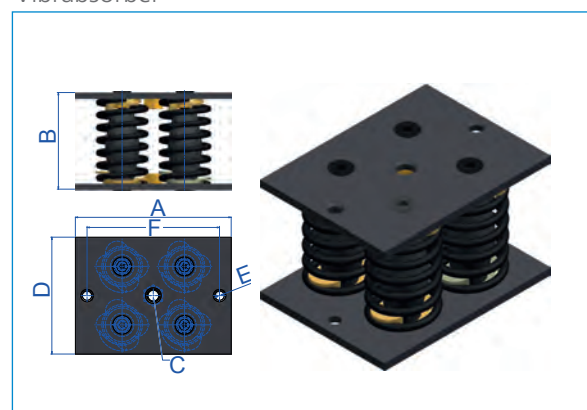
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4AMC



Vibrabsorber + ^{by getzner}sylomer®



Vibrabsorber



5 AMC

The 5 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

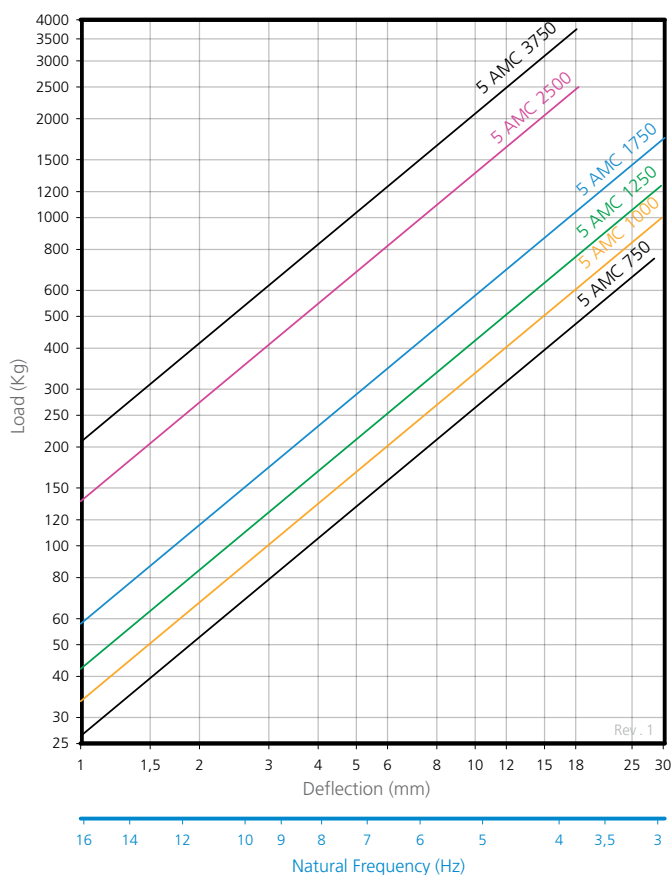
Vibrabsorber + by getzner **sylomer®**

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
5 AMC 750+Sylomer®	BLUE	280	136	150	16	251	290	322	156	750	20771	8,502	259
5 AMC 1000+Sylomer®	WHITE	280	136	150	16	251	290	322	156	1000	20772	8,692	330
5 AMC 1250+Sylomer®	BLACK	280	136	150	16	251	290	322	156	1250	20773	9,162	414
5 AMC 1750+Sylomer®	CREAM	280	136	150	16	251	290	322	156	1750	20774	10,037	568
5 AMC 2500+Sylomer®	LIGHT GREY	350	136	200	18	315	360	396	206	2500	20775	15,716	1341
5 AMC 3750+Sylomer®	GREEN	350	136	200	18	315	360	396	206	3750	20776	18,056	2033

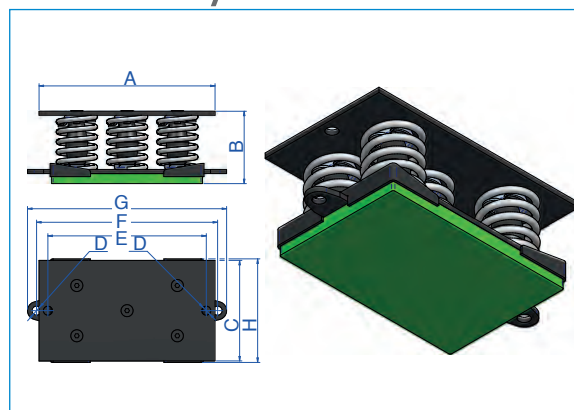
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
5 AMC 750	BLUE	280	124	150	16	251	-	-	-	750	20701	8,502	259
5 AMC 1.000	WHITE	280	124	150	16	251	-	-	-	1000	20711	8,692	330
5 AMC 1.250	BLACK	280	124	150	16	251	-	-	-	1250	20721	9,162	414
5 AMC 1.750	CREAM	280	124	150	16	251	-	-	-	1750	20731	10,037	568
5 AMC 2.500	LIGHT GREY	350	124	200	18	315	-	-	-	2500	20741	15,716	1341
5 AMC 3.750	GREEN	350	124	200	18	315	-	-	-	3750	20751	18,056	2033

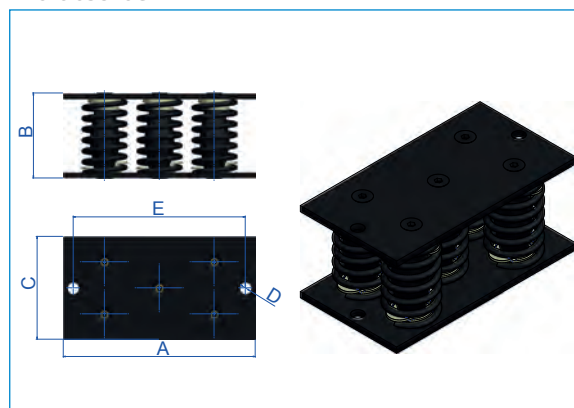
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCACHO® 5AMC



Vibrabsorber + by getzner **sylomer®**



Vibrabsorber



6 AMC

The 6 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

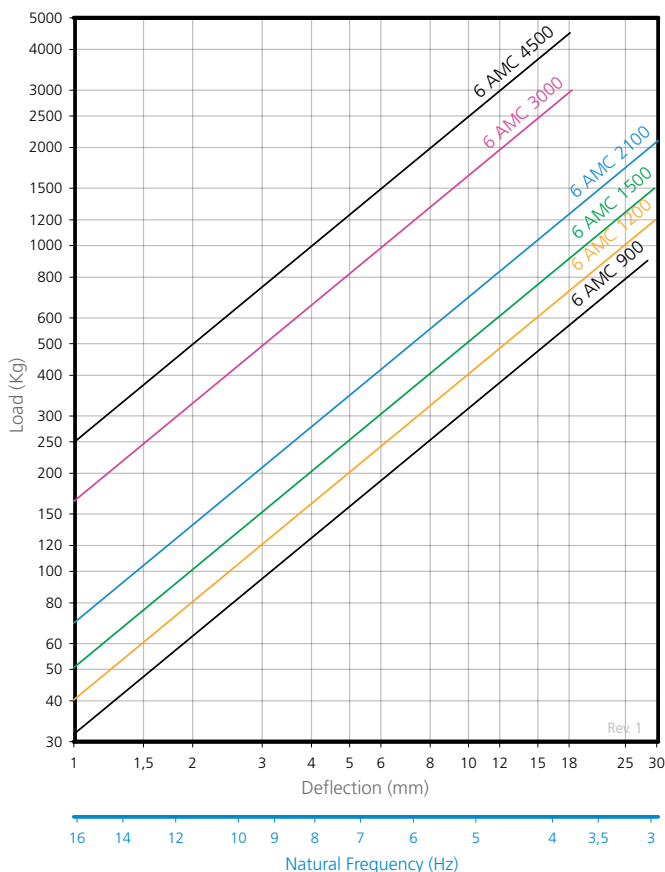
Vibrabsorber + ^{by getzner}sylomer®

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
6 AMC 900+Sylomer®	BLUE	280	136	150	16	250	290	322	156	900	20871	8,928	310
6 AMC 1200+Sylomer®	WHITE	280	136	150	16	250	290	322	156	1200	20872	9,156	395
6 AMC 1500+Sylomer®	BLACK	280	136	150	16	250	290	322	156	1500	20873	9,684	497
6 AMC 2100+Sylomer®	CREAM	280	136	150	16	250	290	322	156	2100	20874	10,77	681
6 AMC 3000+Sylomer®	LIGHT GREY	350	136	200	18	300	360	396	206	3000	20875	16,848	1609
6 AMC 4500+Sylomer®	GREEN	350	136	200	18	300	360	396	206	4500	20876	19,656	2440

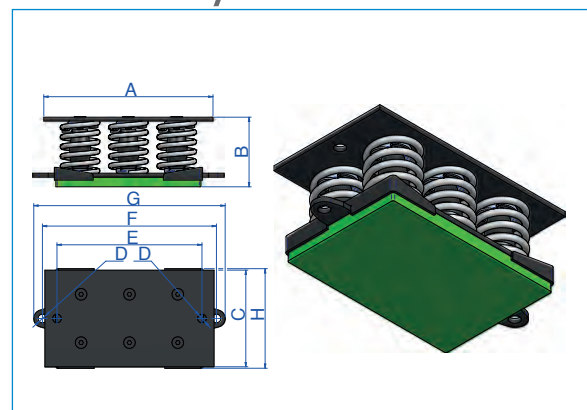
Vibrabsorber

Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
6 AMC 900	BLUE	280	124	150	16	250	-	-	-	900	20801	8,928	310
6 AMC 1.200	WHITE	280	124	150	16	250	-	-	-	1200	20811	9,156	395
6 AMC 1.500	BLACK	280	124	150	16	250	-	-	-	1500	20821	9,684	497
6 AMC 2.100	CREAM	280	124	150	16	250	-	-	-	2100	20831	10,77	681
6 AMC 3.000	LIGHT GREY	350	124	200	18	300	-	-	-	3000	20841	16,848	1609
6 AMC 4.500	GREEN	350	124	200	18	300	-	-	-	4500	20851	19,656	2440

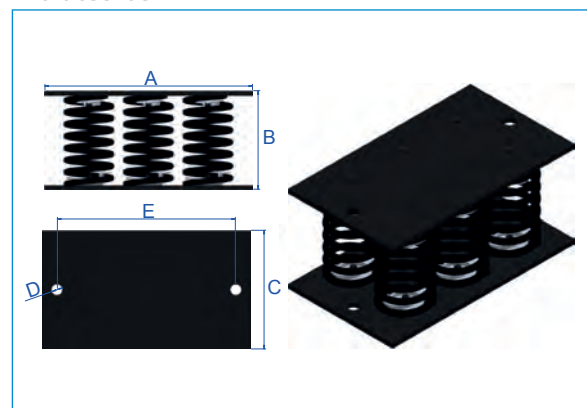
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6AMC



Vibrabsorber + ^{by getzner}sylomer®



Vibrabsorber



9 AMC

The 9 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in

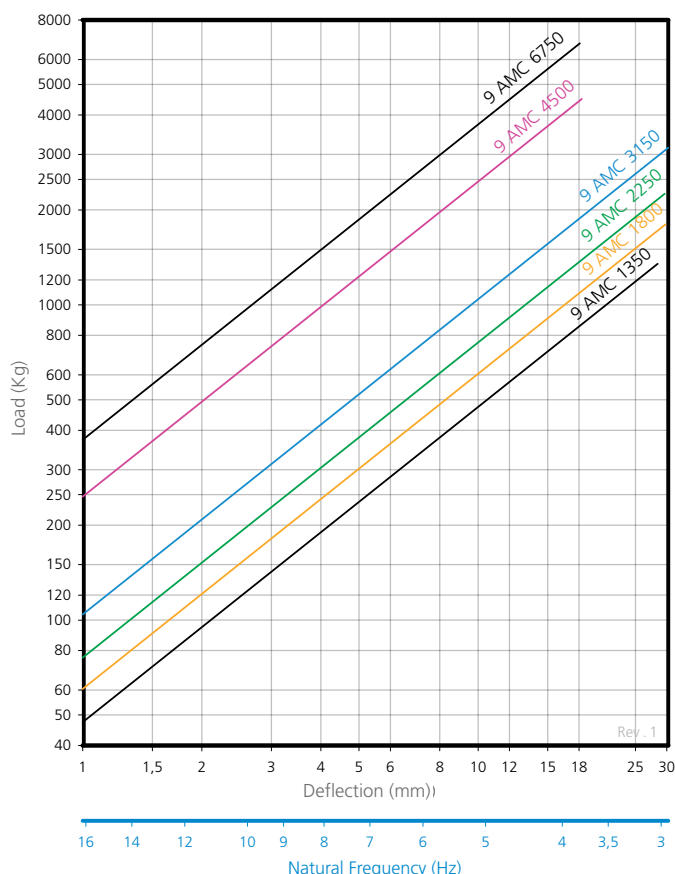
the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

Vibrabsorber + by getzner **sylomer®**

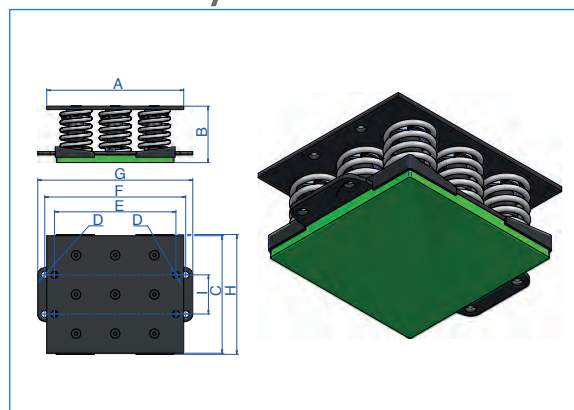
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
9 AMC 1350+Sylomer®	BLUE	280	136	226	16	248	290	322	232	75	1350	20971	13,702	465
9 AMC 1800+Sylomer®	WHITE	280	136	226	16	248	290	322	232	75	1800	20972	14,044	593
9 AMC 2250+Sylomer®	BLACK	280	136	226	16	248	290	322	232	75	2250	20973	14,836	745
9 AMC 3150+Sylomer®	CREAM	280	136	226	16	248	290	322	232	75	3150	20974	16,465	1022
9 AMC 4500+Sylomer®	LIGHT GREY	350	136	300	18	310	360	396	306	100	4500	20975	27,547	2413
9 AMC 6750+Sylomer®	GREEN	350	136	300	18	310	360	396	306	100	6750	20976	31,75	3660

Vibrabsorber

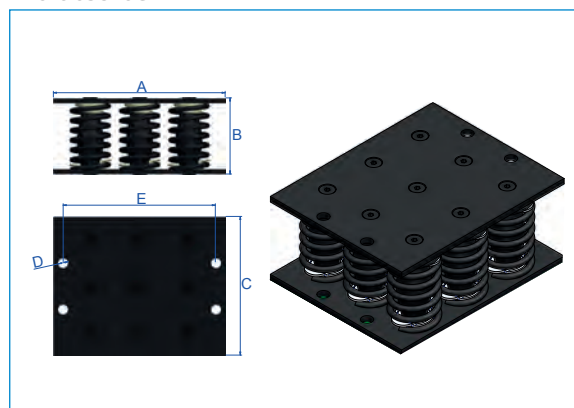
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
9 AMC 1.350	BLUE	280	124	226	16	248	-	-	-	-	1350	20901	13,702	465
9 AMC 1.800	WHITE	280	124	226	16	248	-	-	-	-	1800	20911	14,044	593
9 AMC 2.250	BLACK	280	124	226	16	248	-	-	-	-	2250	20921	14,836	745
9 AMC 3.150	CREAM	280	124	226	16	248	-	-	-	-	3150	20931	16,465	1022
9 AMC 4.500	LIGHT GREY	350	124	300	18	310	-	-	-	-	4500	20941	27,547	2413
9 AMC 6.750	GREEN	350	124	300	18	310	-	-	-	-	6750	20951	31,75	3660



Vibrabsorber + by getzner **sylomer®**



Vibrabsorber



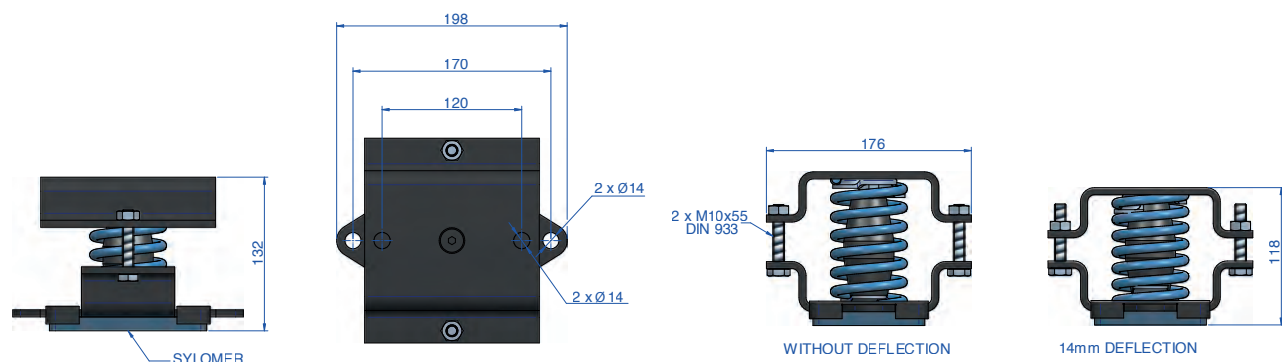
PS+SYLOMER® SPRING-MOUNTS

The new Vibrabsorber PS+Sylomer® are spring mounts for anti-vibration purposes that have the capability to be pre-loaded. Thanks to the design of their metal parts, the Vibrabsorber PS+Sylomer® spring-mounts allow to add a pre stress on the anti-vibration mount.

The AMC-MECANOCAUCHO® type Vibrabsorber PS+Sylomer® are ideal for stationary applications where

the anti-vibration mount must not exceed a certain height either for the installation or during the maintenance of the machine when liquids are extracted and the mount must not exceed a certain height. Thanks to their low stiffness, they are often used on applications where a high isolation degree is required at low disturbing frequencies (600 to 1000 rpm).

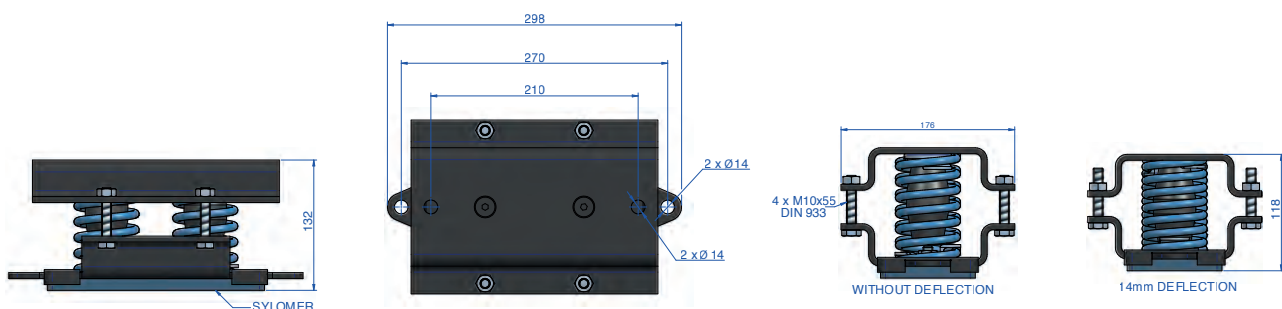
Ps+Sylomer® 1 AMC Preload



Type	Spring color	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
1 AMC 150	BLUE	150	20522	1,138	52
1 AMC 200	WHITE	200	20523	1,138	66
1 AMC 250	BLACK	250	20524	1,138	83
1 AMC 350	CREAM	350	20525	1,138	114
1 AMC 500	LIGHT GREY	500	20526	1,138	268
1 AMC 750	GREEN	750	20527	5,07	407



Ps+Sylomer® 2 AMC Preload



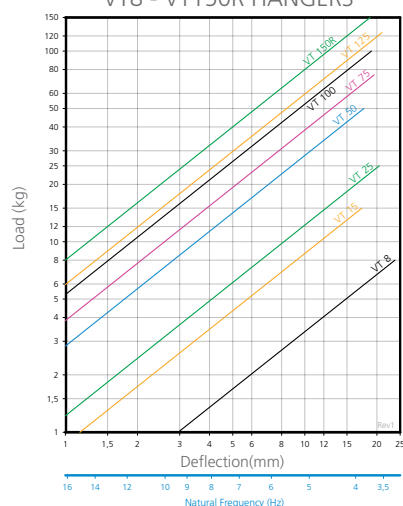
Type	Spring color	Max. Load (kg)	Code	Weight (kg)	K N/mm
2 AMC 300	BLUE	300	20532	6,7	103
2 AMC 400	WHITE	400	20533	6,8	132
2 AMC 500	BLACK	500	20534	7	166
2 AMC 700	CREAM	700	20535	7,2	227
2 AMC 1000	LIGHT GREY	1000	20536	7,8	536
2 AMC 1500	GREEN	1500	20537	8,3	813



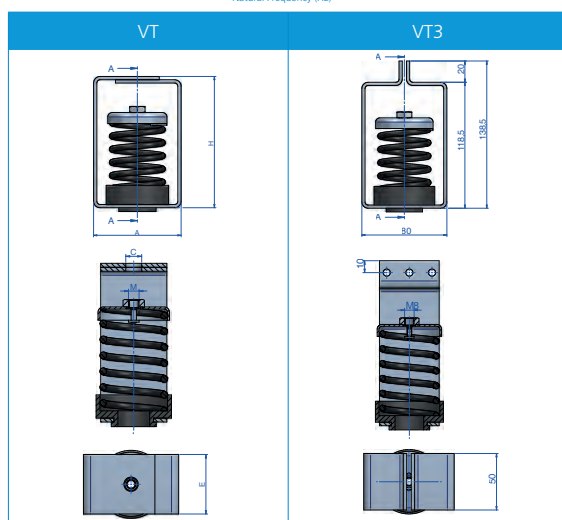
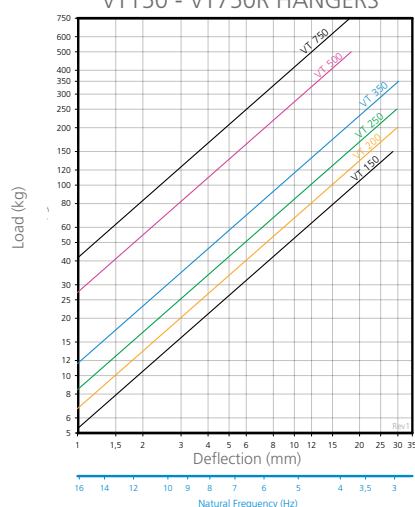
VT / VT3

The VT range is designed for suspension of suspended acoustic ceilings and machinery operating at more than 450 r.p.m. These isolators are made of piano tail spring quality with a high mechanical performance. They incorporate rubber bush conceived to avoid the "acoustic bridges" and the contact of a non aligned screw. The metallic structure is very robust and it is supplied with an anti-corrosive zinc-plated coat.

LOAD DEFLECTION CURVES
VT8 - VT150R HANGERS



LOAD DEFLECTION CURVES
VT150 - VT750R HANGERS



VT



VT3

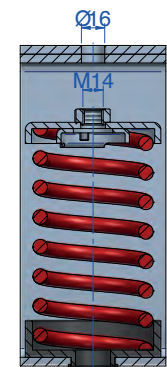
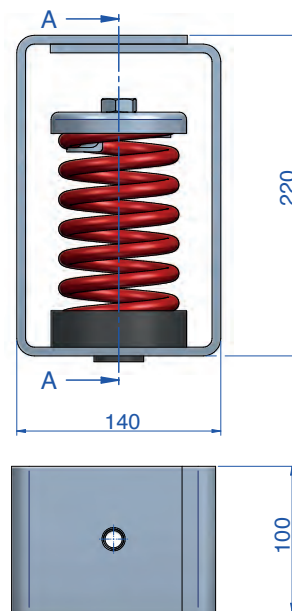
Type	Max. Permanent Load (kg)	Spring color	A (mm)	C (mm)	E (mm)	H (mm)	M	Weight (kg)	Code	K (N/mm)
VT 8	8	BLACK	80	12	50	120	M-8	0,71	20199	3,3
							M-10	0,624	21399	3,3
VT 15	15	BLACK	80	12	50	120	M-8	0,71	20200	8,5
							M-10	0,624	21400	8,5
VT 25	25	BLACK	80	12	50	120	M-8	0,71	20201	12
							M-10	0,704	21401	12
VT 50	50	BLUE	80	12	50	120	M-8	0,7	20202	28
							M-10	0,69	21402	28
VT 75	75	GREY	80	12	50	120	M-8	0,72	20203	38
							M-10	0,726	21403	38
VT 150R	150	BLACK	80	12	50	120	M-8	0,769	20224	79
							M-10	0,774	21406	79
VT 100	100	BEIGE	80	12	50	120	M-8	0,778	20204	52
							M-10	0,742	21404	52
VT 125	125	WHITE	80	12	50	120	M-8	0,742	20211	58
							M-10	0,75	21405	58
VT 150	150	BLUE	120	16	80	160	M-12	2,035	20205	52
VT 200	200	WHITE	120	16	80	160	M-12	2,072	20210	66
VT 250	250	BLACK	120	16	80	160	M-12	2,148	20206	83
VT 350	350	CREAM	120	16	80	160	M-12	2,33	20207	114
VT 500	500	LIGHT GREY	140	16	100	180	M-14	4,785	20208	268
VT 750	750	GREEN	140	16	100	180	M-14	5,249	20209	407
VT3 25	25	BLACK	138,5	-	-	-	-	-	20218	12
VT3 50	50	BLUE	138,5	-	-	-	-	-	20219	28
VT3 75	75	GREY	138,5	-	-	-	-	-	20220	38
VT3 100	100	BEIGE	138,5	-	-	-	-	-	20221	52
VT3 125	125	WHITE	138,5	-	-	-	-	-	20222	58
VT3 150	150	BLACK	138,5	-	-	-	-	-	20217	79

VT-HD

The metallic structure is very robust and it is supplied with an anti-corrosive zinc-plated coat.

The assembly of this hanger is very simple, as it can be directly fastened to the ceiling through its top hole and a stud bolt can be directly fastened to the nut placed over the spring.

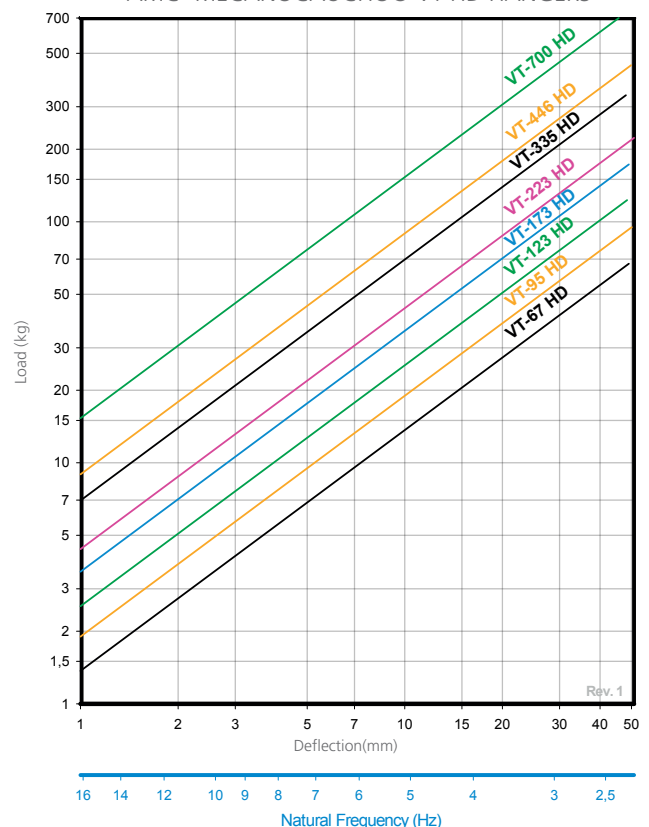
AMC-MECANOCAUCHO® VT HD Hangers, due to their low stiffness, are able to reach natural frequencies from 2 to 5Hz, and are specially suitable for applications where high isolation level is required.



SECTION A-A

Type	Max. Permanent Load (kg)	Spring color	DEFLECTION mm	Code	K (N/mm)
VT-67 HD	67	BLUE	50	20235	13
VT-95 HD	95	WHITE	50	20239	19
VT-123 HD	123	BLACK	50	20236	25
VT-173 HD	173	BEIGE	50	20240	35
VT-223 HD	223	RED	50	20237	43
VT-335 HD	335	GREY	50	20241	68
VT-446 HD	446	GREEN	50	20238	88
VT-700 HD	700	BROWN	50	20243	

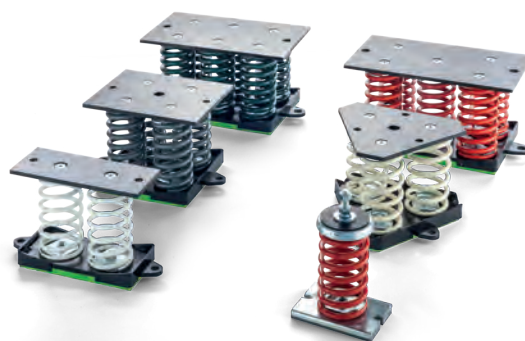
LOAD DEFLECTION CURVES
AMC -MECANOCAUCHO® VT HD HANGERS



V-SH

This range of mounts comprises:

- A spring with high elasticity and very low natural frequency.
- An incorporated levelling system.
- A non-slip rubber base.
- A spare Sylomer to isolate mid and high frequencies comes standard.



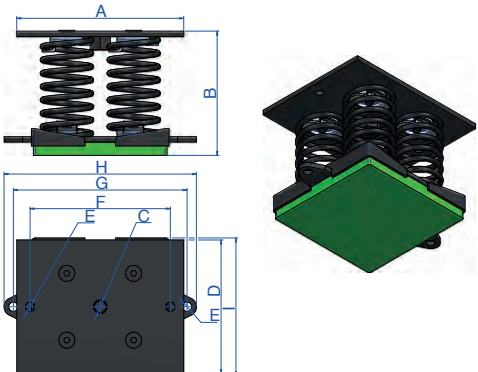
V-SH - Natural Frequency 3 to 5 Hz

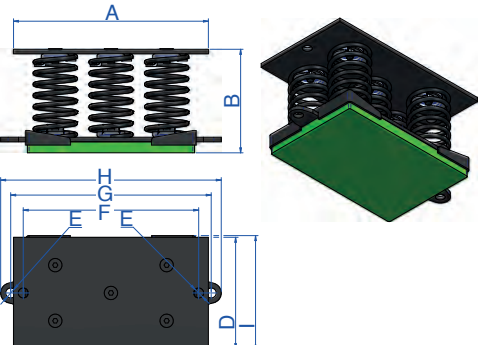
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
V-SH 67	BLUE	93	173	M12	98,5	120	12	67	1,48	20397	13
V-SH 95	WHITE	93	173	M12	98,5	120	12	95	1,53	20465	19
V-SH 123	BLACK	93	173	M12	98,5	120	12	123	1,56	20398	25
V-SH 173	BEIGE	93	173	M12	98,5	120	12	173	1,65	20466	35
V-SH 223	RED	93	173	M12	98,5	120	12	223	2,11	20399	43
V-SH 335	GREY	93	173	M12	98,5	120	12	335	2,32	20467	68
V-SH 446	GREEN	93	173	M12	98,5	120	12	446	2,52	20400	88
V-SH 700	BROWN	93	173	M12	98,5	120	12	700	2,52	20464	150
V-SH 67 NO-KIT	BLUE	93	173	M12	98,5	120	12	67	1,616	21001	13
V-SH 95 NO-KIT	WHITE	93	173	M12	98,5	120	12	95	1,668	21002	19
V-SH 123 NO-KIT	BLACK	93	173	M12	98,5	120	12	123	1,694	21003	25
V-SH 173 NO-KIT	BEIGE	93	173	M12	98,5	120	12	173	1,786	21004	35
V-SH 223 NO-KIT	RED	93	173	M12	98,5	120	12	273	2,154	21005	43
V-SH 335 NO-KIT	GREY	93	173	M12	98,5	120	12	335	2,327	21006	68
V-SH 446 NO-KIT	GREEN	93	173	M12	98,5	120	12	446	2,628	21007	88
V-SH 700 NO-KIT	BROWN	93	173	M12	98,5	120	12	700	2,728	20462	150
V-SH-67-DB	BLUE	140	182	12	98,5	120	-	67	1,48	20512	13
V-SH-95-DB	WHITE	140	182	12	98,5	120	-	95	1,48	20513	19
V-SH-123-DB	BLACK	140	182	12	98,5	120	-	123	1,48	20514	25
V-SH-173-DB	BEIGE	140	182	12	98,5	120	-	173	1,48	20515	35
V-SH-223-DB	RED	140	182	12	98,5	120	-	223	1,48	20516	43
V-SH-335-DB	GREY	140	182	12	98,5	120	-	335	1,48	20517	68
V-SH-446-DB	GREEN	140	182	12	98,5	120	-	446	1,48	20518	88
V-SH-700-DB	BROWN	140	182	12	98,5	120	-	700	2,72	20530	150

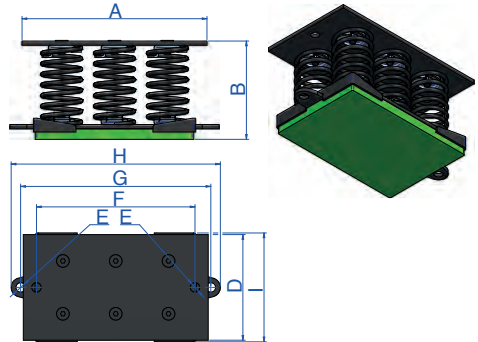
Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
2V-SH 134	BLUE	250	180	100	14	210	100	106	270	298	134	4,85	20405	27
2V-SH 190	WHITE	250	180	100	14	210	100	106	270	298	190	4,85	21010	37
2V-SH 246	BLACK	250	180	100	14	210	100	106	270	298	226	5,25	20406	50
2V-SH 346	BEIGE	250	180	100	14	210	100	106	270	298	346	4,85	21011	69
2V-SH 446	RED	250	180	100	14	210	100	106	270	298	446	5,85	20407	86
2V-SH 670	GREY	250	180	100	14	210	100	106	270	298	670	4,85	21012	137
2V-SH 892	GREEN	250	180	100	14	210	100	106	270	298	892	6,91	20408	176
2V-SH 1400	BROWN	250	180	100	14	210	100	106	270	298	1400	7,3	21015	301

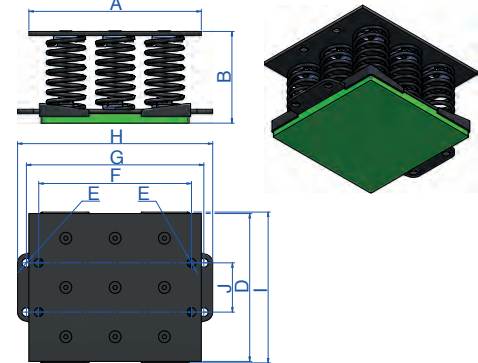
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
3V-SH 201	BLUE	219	180	M20	14	246	136	251	220	255,7	201	4,85	21020	40
3V-SH 285	WHITE	219	180	M20	14	246	136	251	220	255,7	285	4,85	21021	56
3V-SH 369	BLACK	219	180	M20	14	246	136	251	220	255,7	369	5,25	21022	75
3V-SH 519	BEIGE	219	180	M20	14	246	136	251	220	255,7	519	4,85	21023	104
3V-SH 669	RED	219	180	M20	14	246	136	251	220	255,7	669	5,85	21024	129
3V-SH 1005	GREY	219	180	M20	14	246	136	251	220	255,7	1005	4,85	21025	205
3V-SH 1338	GREEN	219	180	M20	14	246	136	251	220	255,7	1338	6,91	21026	263
3V-SH 2100	BROWN	219	180	M20	14	246	136	251	220	255,7	2100	11	21029	451

V-SH - Natural Frequency 3 to 5 Hz

	Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
	4V-SH 268	BLUE	250	180	M20	200	14	210	260	288	206	268	21030	11,15	54
	4V-SH 380	WHITE	250	180	M20	200	14	210	260	288	206	380	21031	11,95	74
	4V-SH 492	BLACK	250	180	M20	200	14	210	260	288	206	492	21032	12,2	100
	4V-SH 692	BEIGE	250	180	M20	200	14	210	260	288	206	692	21033	12,49	138
	4V-SH 892	RED	250	180	M20	200	14	210	260	288	206	892	21034	12,72	172
	4V-SH 1340	GREY	250	180	M20	200	14	210	260	288	206	1340	21035	13,14	274
	4V-SH 1784	GREEN	250	180	M20	200	14	210	260	288	206	1784	21036	13,727	351
	4V-SH 2800	BROWN	250	180	M20	200	14	210	260	288	206	2800	21039	13,727	601

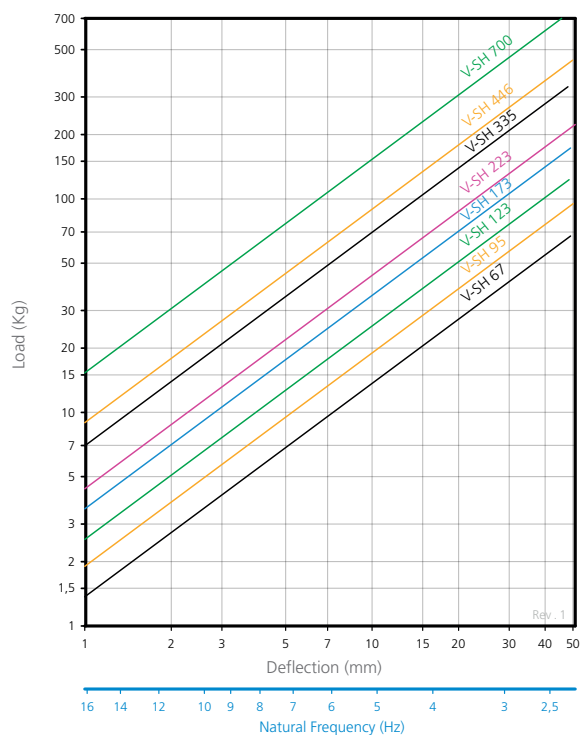
	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
	5V-SH 335	BLUE	350	180	200	18	315	360	396	206	335	21040	13,071	67
	5V-SH 475	WHITE	350	180	200	18	315	360	396	206	475	21041	13,356	93
	5V-SH 615	BLACK	350	180	200	18	315	360	396	206	615	21042	13,476	125
	5V-SH 865	BEIGE	350	180	200	18	315	360	396	206	865	21043	13,926	173
	5V-SH 1115	RED	350	180	200	18	315	360	396	206	1115	21044	15,781	215
	5V-SH 1675	GREY	350	180	200	18	315	360	396	206	1675	21045	16,786	342
	5V-SH 2230	GREEN	350	180	200	18	315	360	396	206	2230	21046	18,116	439
	5V-SH 3500	BROWN	350	180	200	18	315	360	396	206	3500	21049	18,116	752

	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
	6V-SH 402	BLUE	350	180	200	18	300	360	396	206	402	21050	13,87	80
	6V-SH 570	WHITE	350	180	200	18	300	360	396	206	570	21051	14,212	112
	6V-SH 738	BLACK	350	180	200	18	300	360	396	206	738	21052	14,356	149
	6V-SH 1038	BEIGE	350	180	200	18	300	360	396	206	1038	21053	14,896	208
	6V-SH 1338	RED	350	180	200	18	300	360	396	206	1338	21054	17,122	258
	6V-SH 2010	GREY	350	180	200	18	300	360	396	206	2010	21055	18,328	410
	6V-SH 2676	GREEN	350	180	200	18	300	360	396	206	2676	21056	19,924	527
	6V-SH 4200	BROWN	350	180	200	18	300	360	396	206	4200	21059	19,924	902

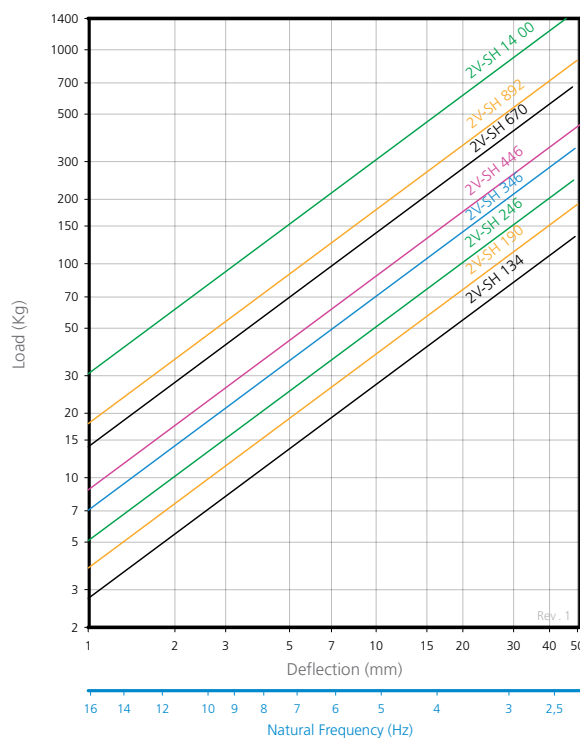
	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Code	Weight (kg)	K N/mm
	9V-SH 603	BLUE	350	180	300	18	310	360	396	306	100	603	21060	21,176	121
	9V-SH 855	WHITE	350	180	300	18	310	360	396	306	100	855	21061	21,689	167
	9V-SH 1107	BLACK	350	180	300	18	310	360	396	306	100	1107	21062	21,905	224
	9V-SH 1557	BEIGE	350	180	300	18	310	360	396	306	100	1557	21063	22,715	311
	9V-SH 2007	RED	350	180	300	18	310	360	396	306	100	2007	21064	26,054	387
	9V-SH 3015	GREY	350	180	300	18	310	360	396	306	100	3015	21065	27,863	616
	9V-SH 4014	GREEN	350	180	300	18	310	360	396	306	100	4014	21066	30,257	790
	9V-SH 6300	BROWN	350	180	300	18	310	360	396	306	100	6300	21069	30,257	1353

V-SH ELASTICAL PROPERTIES

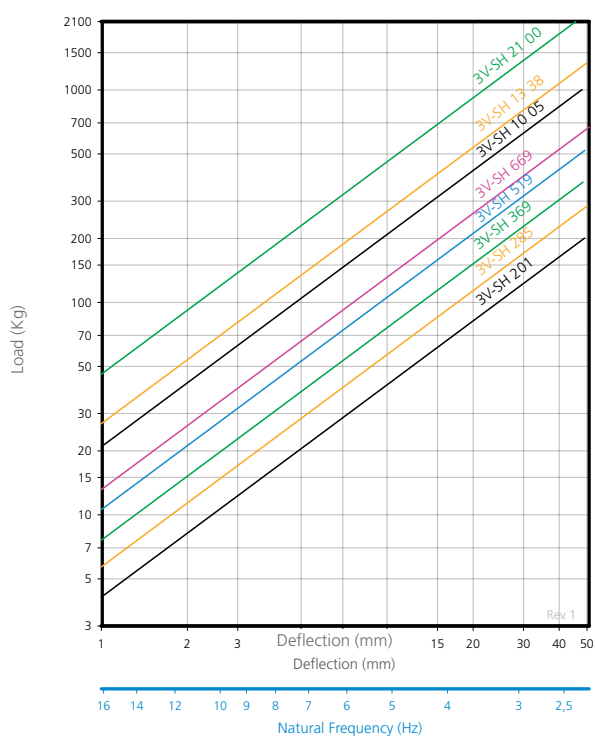
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1V-SH



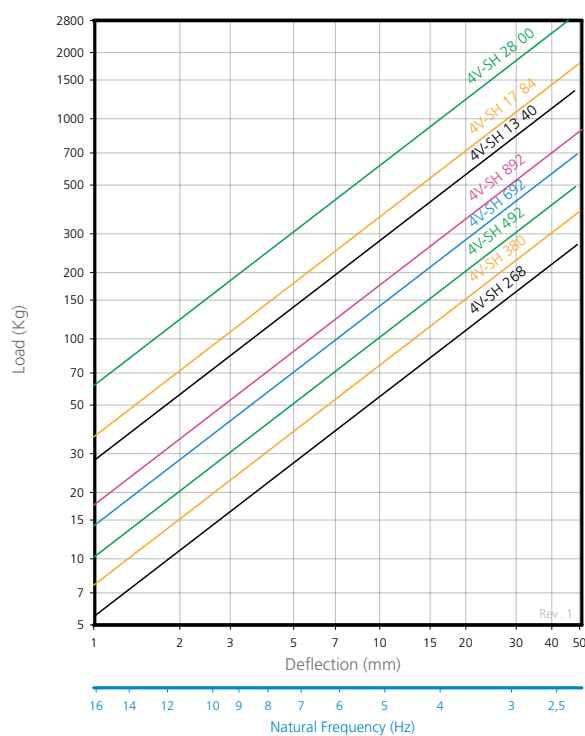
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2V-SH



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 3V-SH

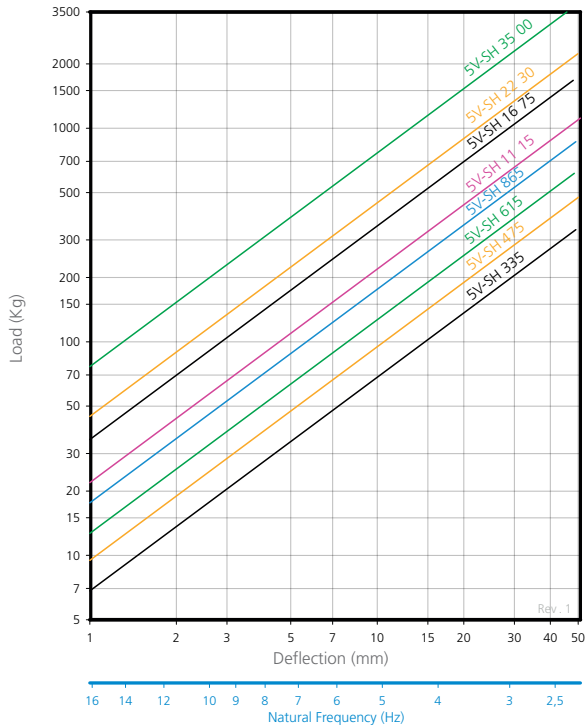


LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4V-SH

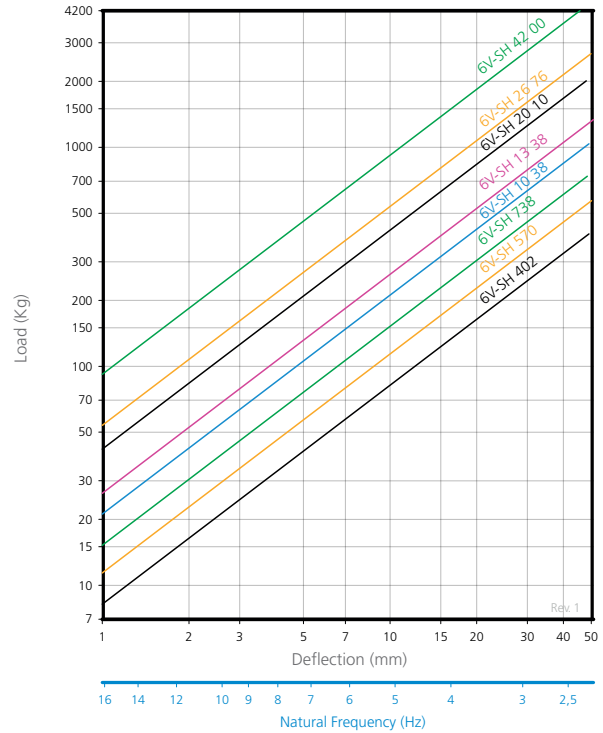


V-SH ELASTICAL PROPERTIES

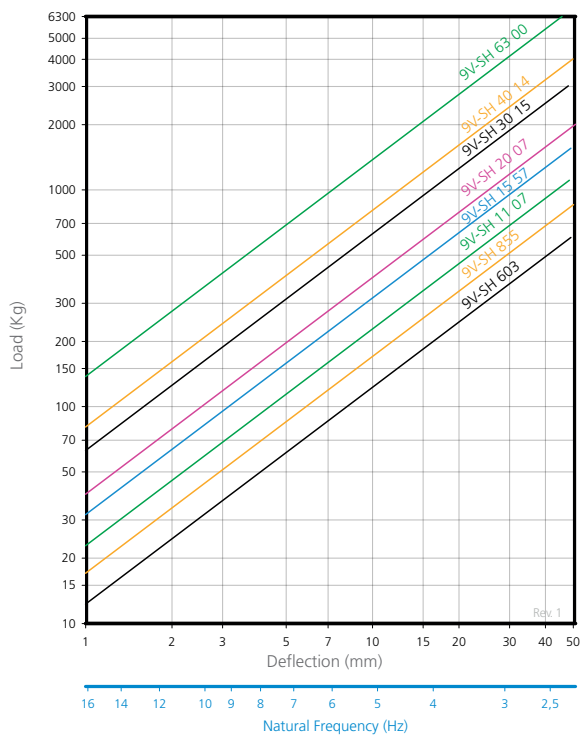
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SH



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6V-SH



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9V-SH



V-SR

The mounts are able to reach low natural frequencies from 4 to 5 Hz. The spring combined with Sylomer® is able to provide high isolation at low and medium frequencies.

The curves are showing the deflection and natural frequencies according to the load of the spring

Temperature working range from 30 to 70°. Short term higher temperatures are possible.

V-SR - Natural Frequency 4 to 5 Hz

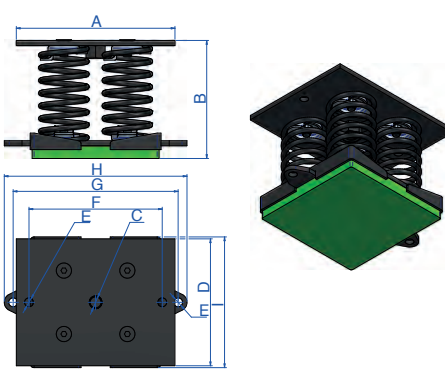


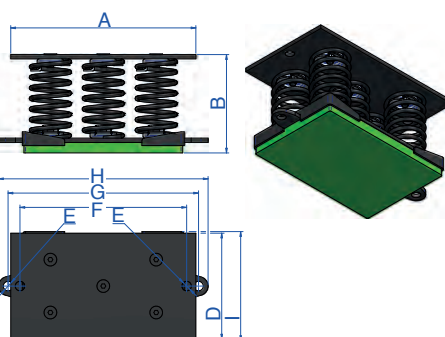
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
V-SR-200	BLACK	93	173	M10	98,5	120	12	200	1,48	21320	64
V-SR-400	BLACK	93	173	M10	98,5	120	12	400	1,77	21321	134
V-SR-650	BLACK	93	173	M12	98,5	120	12	650	2,57	20393	181
V-SR-800	BLACK	93	173	M12	98,5	120	12	800	2,6	20394	267
V-SR-1000	BLACK	93	173	M12	98,5	120	12	1000	3	20395	351
V-SR-1200	BLACK	93	173	M12	98,5	120	12	1200	3,2	20396	503
V-SR 200 NO-KIT	BLACK	93	173	M12	98,5	120	12	200	1,343	21211	64
V-SR 400 NO-KIT	BLACK	93	173	M12	98,5	120	12	400	1,545	21212	134
V-SR 650 NO-KIT	BLACK	93	173	M12	98,5	120	12	650	2,57	21213	181
V-SR 800 NO-KIT	BLACK	93	173	M12	98,5	120	12	800	2,69	21214	267
V-SR 1000 NO-KIT	BLACK	93	173	M12	98,5	120	12	1000	2,94	21215	351
V-SR 1200 NO-KIT	BLACK	93	173	M12	98,5	120	12	1200	3	21216	503
V-SR-200-DB	BLACK	140	182	12	98,5	120	-	200	1,55	20557	64
V-SR-400-DB	BLACK	140	182	12	98,5	120	-	400	0	20558	134
V-SR-650-DB	BLACK	140	182	12	98,5	120	-	650	2,3	20403	181
V-SR-800-DB	BLACK	140	182	12	98,5	120	-	800	2,6	20458	267
V-SR-1000-DB	BLACK	140	182	12	98,5	120	-	1000	3	20662	351
V-SR-1200-DB	BLACK	140	182	12	98,5	120	-	1200	3,11	20559	503

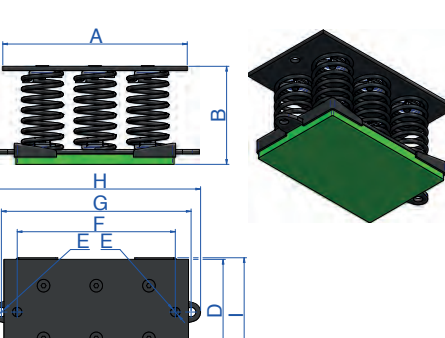
Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
2V-SR-400	BLACK	250	180	100	14	210	100	106	270	298	400	4,8	21322	128
2V-SR-800	BLACK	250	180	100	14	210	100	106	270	298	800	5,31	21323	267
2V-SR-1300	BLACK	250	180	100	14	210	100	106	270	298	1300	7,32	21071	362
2V-SR-1600	BLACK	250	180	100	14	210	100	106	270	298	1600	7,46	21072	575
2V-SR-2000	BLACK	250	180	100	14	210	100	106	270	298	2000	7,78	21073	702
2V-SR-2400	BLACK	250	180	100	14	210	100	106	270	298	2400	7,98	21074	1007

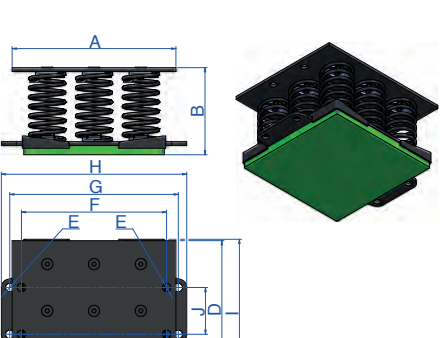
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
3V-SR-600	BLACK	219	180	M20	14	246	136	251	220	255,7	600	-	21324	192
3V-SR-1200	BLACK	219	180	M20	14	246	136	251	220	255,7	1200	8,5	21325	401
3V-SR-1950	BLACK	219	180	M20	14	246	136	251	220	255,7	1950	7,35	21131	543
3V-SR-2400	BLACK	219	180	M20	14	246	136	251	220	255,7	2400	7,56	21132	862
3V-SR-3000	BLACK	219	180	M20	14	246	136	251	220	255,7	3000	7,77	21133	1053
3V-SR-3600	BLACK	219	180	M20	14	246	136	251	220	255,7	3600	7,81	21134	1510

V-SR - Natural Frequency 4 to 5 Hz

	Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
	4V-SR-800	BLACK	250	180	M20	200	14	210	260	288	206	800	0	21326	256
	4V-SR-1600	BLACK	250	180	M20	200	14	210	260	288	206	1600	0	21327	535
	4V-SR-2600	BLACK	250	180	M20	200	14	210	260	288	206	2600	13,12	21081	724
	4V-SR-3200	BLACK	250	180	M20	200	14	210	260	288	206	3200	13,46	21082	1149
	4V-SR-4000	BLACK	250	180	M20	200	14	210	260	288	206	4000	13,78	21083	1404
	4V-SR-4800	BLACK	250	180	M20	200	14	210	260	288	206	4800	13,88	21084	2013

	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
	5V-SR-1000	BLACK	350	180	200	18	315	360	396	206	1000	21328	0	320
	5V-SR-2000	BLACK	350	180	200	18	315	360	396	206	2000	21329	0	668
	5V-SR-3250	BLACK	350	180	200	18	315	360	396	206	3250	21091	17,97	905
	5V-SR-4000	BLACK	350	180	200	18	315	360	396	206	4000	21092	18,095	1437
	5V-SR-5000	BLACK	350	180	200	18	315	360	396	206	5000	21093	19,62	1756
	5V-SR-6000	BLACK	350	180	200	18	315	360	396	206	6000	21094	19,99	2516

	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
	6V-SR-1200	BLACK	350	180	200	18	300	360	396	206	1200	0	21330	384
	6V-SR-2400	BLACK	350	180	200	18	300	360	396	206	2400	0	21331	802
	6V-SR-3900	BLACK	350	180	200	18	300	360	396	206	3900	19,75	21101	1086
	6V-SR-4800	BLACK	350	180	200	18	300	360	396	206	4800	19,9	21102	1724
	6V-SR-6000	BLACK	350	180	200	18	300	360	396	206	6000	21,73	21103	2107
	6V-SR-7200	BLACK	350	180	200	18	300	360	396	206	7200	22,174	21104	3020

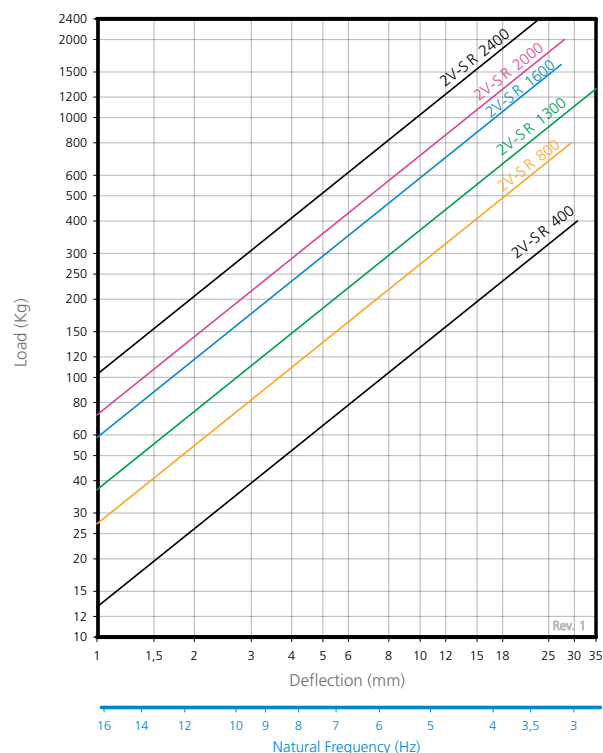
	Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
	9V-SR-1800	BLACK	350	180	300	18	310	360	396	306	100	1800	0	21332	576
	9V-SR-3600	BLACK	350	180	300	18	310	360	396	306	100	3600	19,75	21333	1203
	9V-SR-5850	BLACK	350	180	300	18	310	360	396	306	100	5850	19,75	21111	1629
	9V-SR-7200	BLACK	350	180	300	18	310	360	396	306	100	7200	19,9	21112	2587
	9V-SR-9000	BLACK	350	180	300	18	310	360	396	306	100	9000	21,73	21113	3160
	9V-SR-10800	BLACK	350	180	300	18	310	360	396	306	100	10800	22,174	21114	4530

V-SR ELASTICAL PROPERTIES

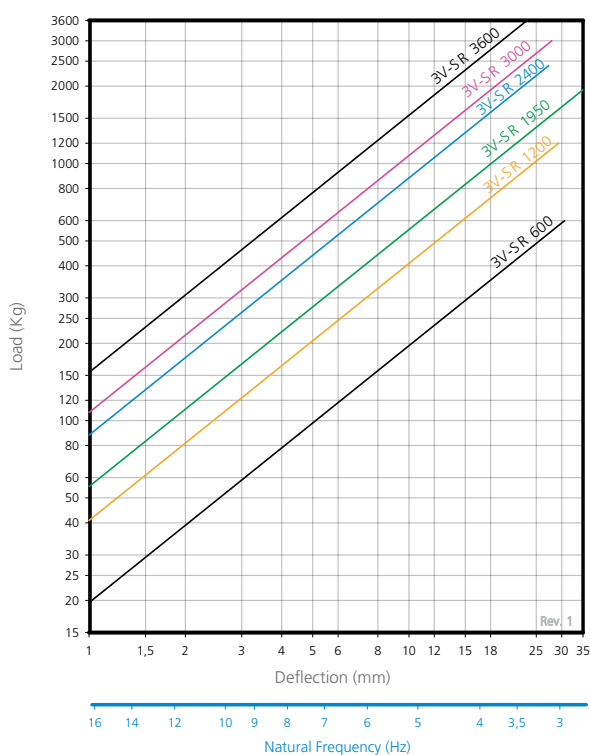
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1V-SR



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2V-SR



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 3V-SR

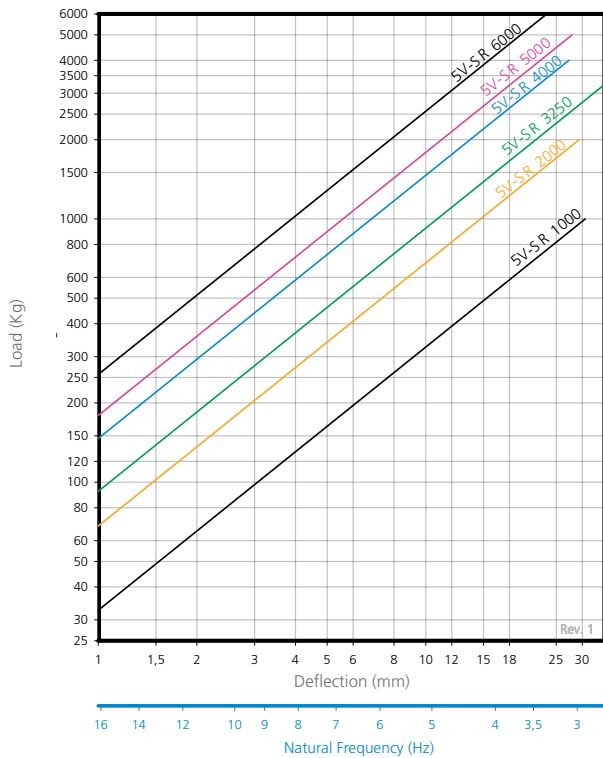


LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4V-SR

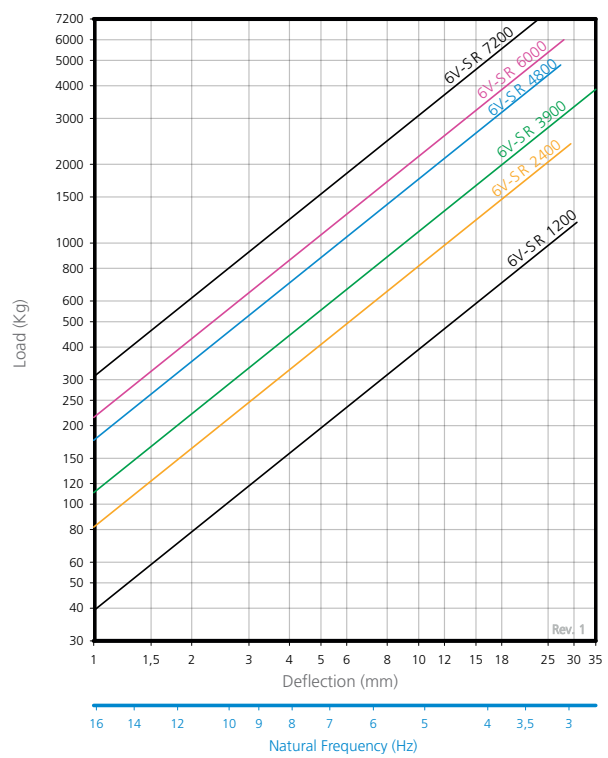


V-SR ELASTICAL PROPERTIES

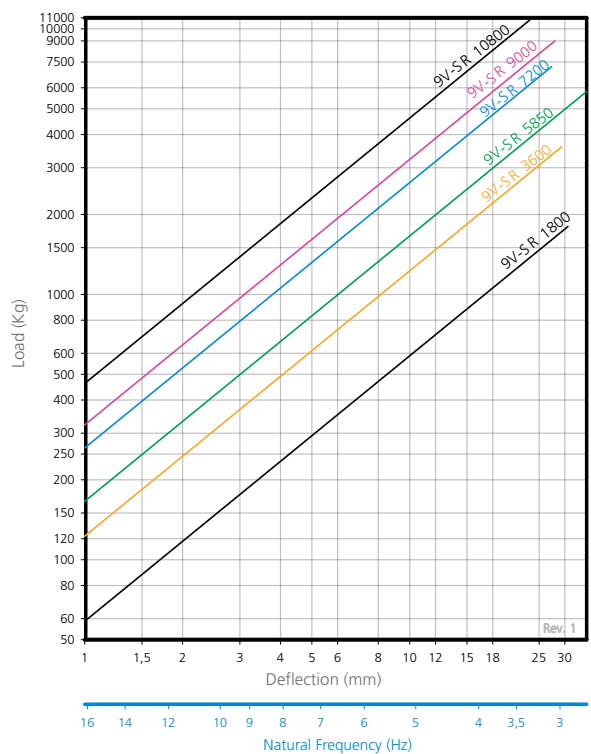
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SR



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6V-SR



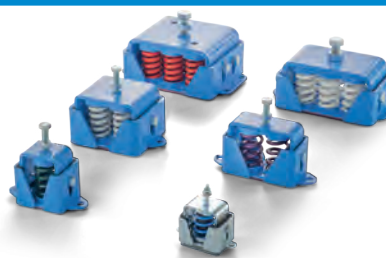
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9V-SR

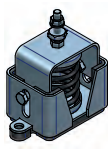
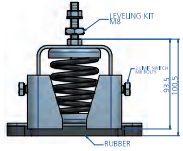
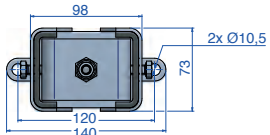
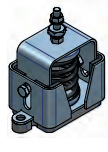
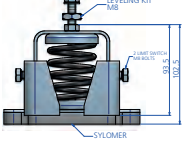
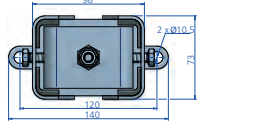


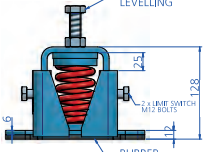
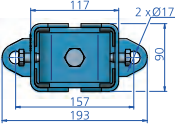
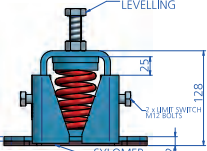
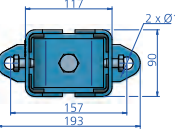
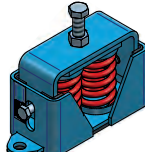
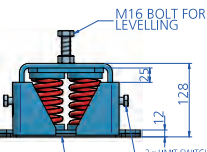
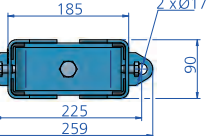
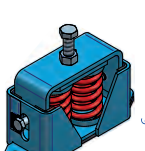
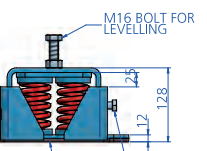
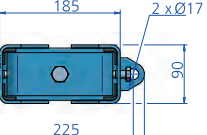
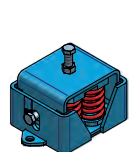
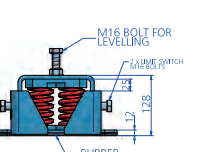
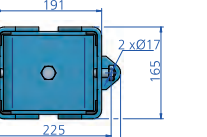
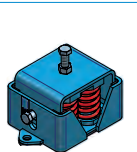
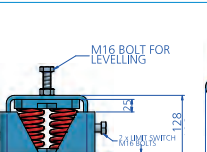
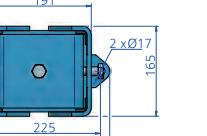
AMC ANTI-SEISMIC SUPPORTS

These spring mounts incorporate an ANTISEISMIC device to protect the spring from earthquakes.

Natural Frequency 5 to 6 Hz



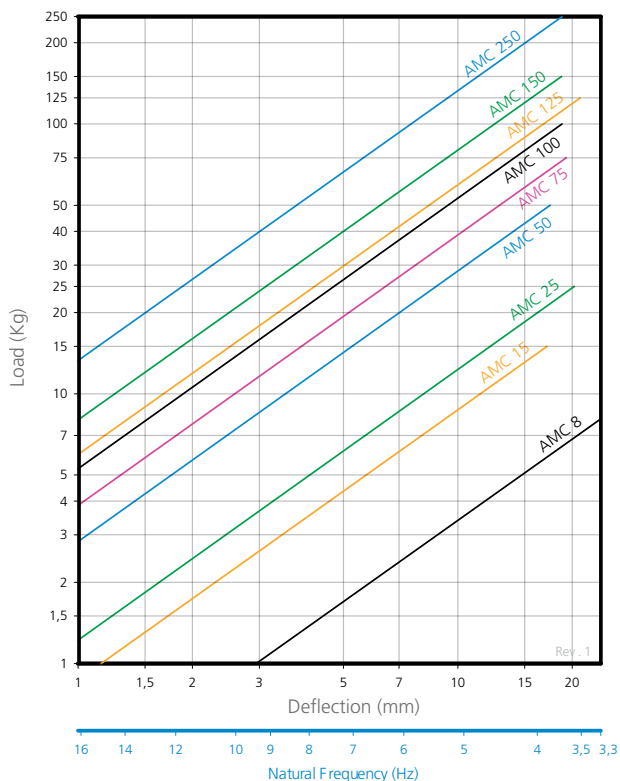
	Type	Spring color	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
  	ANTI-SEISMIC MINI	BLACK	0	8	21278	3,3
		BLACK	1,12	15	21270	8,5
		BLACK	1,12	25	21271	12
		BLUE	1,13	50	21272	28
		GREY	1,15	75	21273	38
		BEIGE	1,17	100	21274	52
		WHITE	1,2	125	21275	58
		BLACK	1,23	150	21276	79
		RED	1,12	250	21277	130
		BLACK	1	8	21224	3,3
  	ANTI-SEISMIC MINI + SYLOMER	BLACK	1,12	15	21222	8,5
		BLACK	1,12	25	21261	12
		BLUE	1,13	50	21262	28
		GREY	1,15	75	21263	38
		BEIGE	1,17	100	21264	52
		WHITE	1,2	125	21265	58
		BLACK	1,23	150	21266	79
		RED	1,12	250	21267	130

	Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
  	1 AMC ANTI-SEISMIC	1	YELLOW	22	3,45	200	20410	92
		1	PURPLE	22	3,155	305	20409	146
		1	GREEN	22	3,204	405	20381	166
		1	GREY	22	3,318	540	20382	255
		1	WHITE	22	3,248	612	20383	278
		1	RED	22	3,414	803	20384	392
  	1 AMC ANTI-SEISMIC + SYLOMER	1	YELLOW	22	3,191	200	20338	92
		1	PURPLE	22	3,191	305	20413	146
		1	GREEN	22	3,686	405	20377	166
		1	GREY	22	3,284	540	20378	255
		1	WHITE	22	3,284	612	20379	278
		1	RED	22	3,449	803	20380	392
  	2 AMC ANTI-SEISMIC	2	YELLOW	22	4,819	400	20529	185
		2	PURPLE	22	4,819	610	20494	291
		2	GREEN	22	4,919	810	20496	331
		2	GREY	22	5,011	1080	20497	509
		2	WHITE	22	5,142	1224	20498	567
		2	RED	22	5,337	1606	20500	784
  	2 AMC ANTI-SEISMIC + SYLOMER	2	YELLOW	22	4,869	400	20528	185
		2	PURPLE	22	4,869	610	20480	291
		2	GREEN	22	4,97	810	20487	331
		2	GREY	22	5,192	1080	20488	509
		2	WHITE	22	5,06	1224	20489	567
		2	RED	22	5,386	1606	20490	784
  	4 AMC ANTI-SEISMIC	4	YELLOW	22	10,75	800	20679	369
		4	PURPLE	22	10,75	1220	20700	582
		4	GREEN	22	10,894	1620	20696	662
		4	GREY	22	10,75	2160	20697	1018
		4	WHITE	22	10,965	2448	20698	1134
		4	RED	22	11,69	3212	20699	1567
  	4 AMC ANTI-SEISMIC + SYLOMER	4	YELLOW	22	10,54	800	20680	369
		4	PURPLE	22	10,54	1220	20686	582
		4	GREEN	22	10,84	1620	20687	662
		4	GREY	22	10,689	2160	20688	1018
		4	WHITE	22	10,689	2448	20689	1134
		4	RED	22	11,636	3212	20690	1567

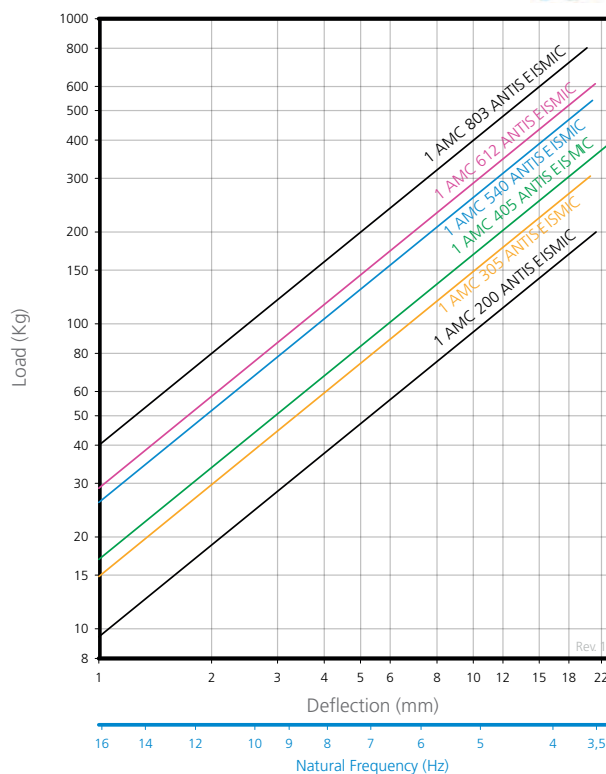
	Type	SUMMARY	Code	Weight (kg)
	SNUBBER 4 ANTI-SEISMIC	Dimensions A, B, C and D could vary according to the selected mount and the characteristics of the frame	22000	0

AMC ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES

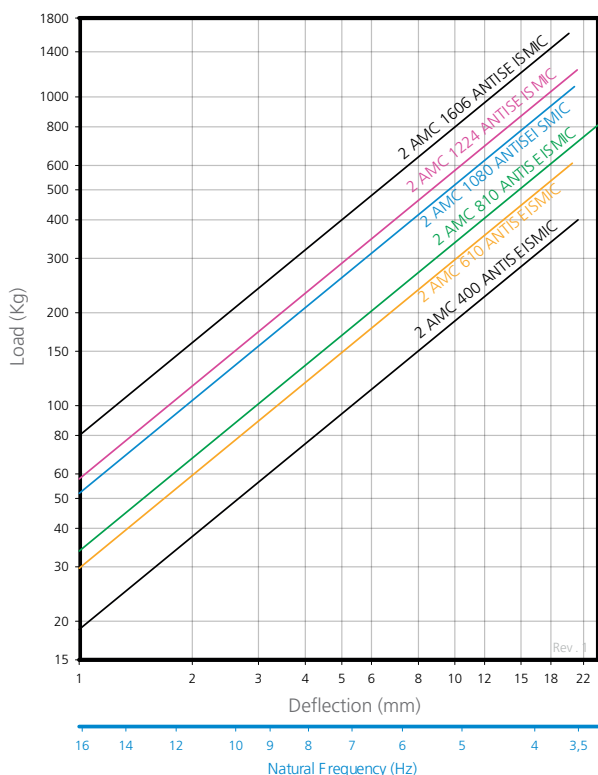
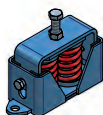
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® Antiseismic mini



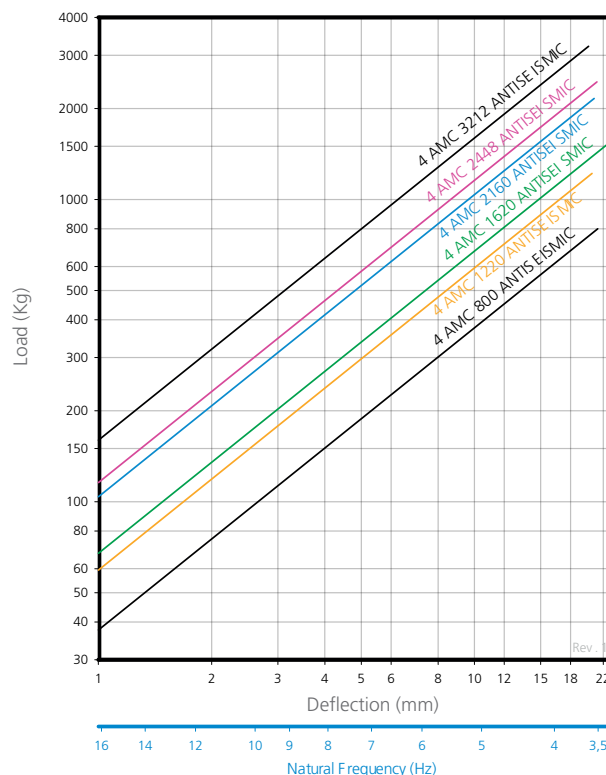
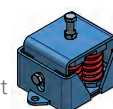
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic mount



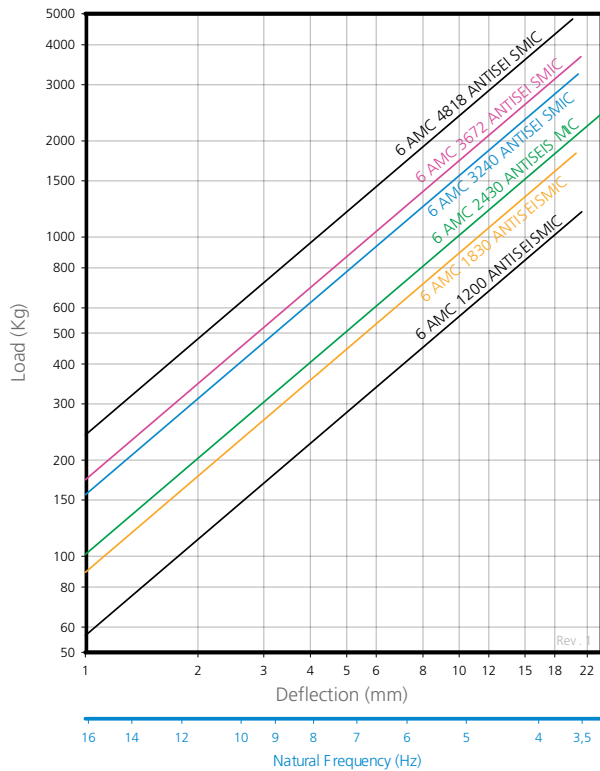
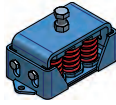
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC Antiseismic mount



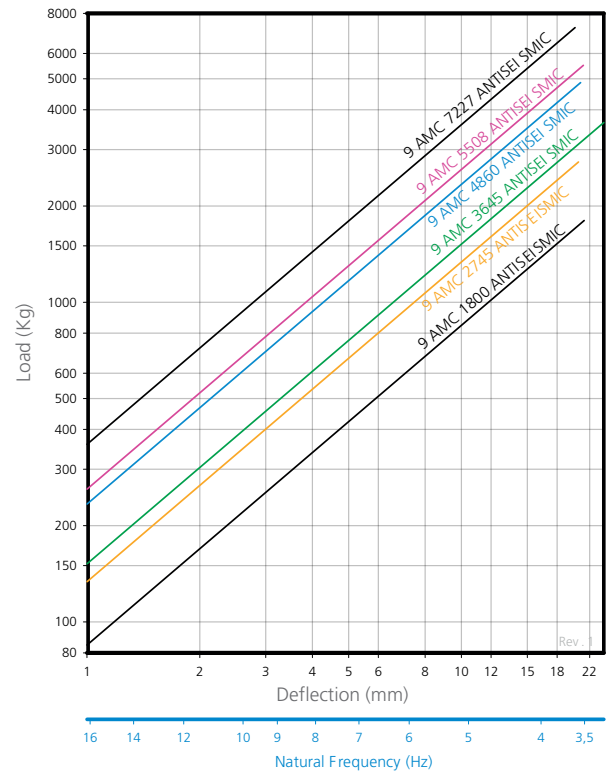
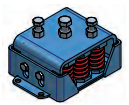
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic mount



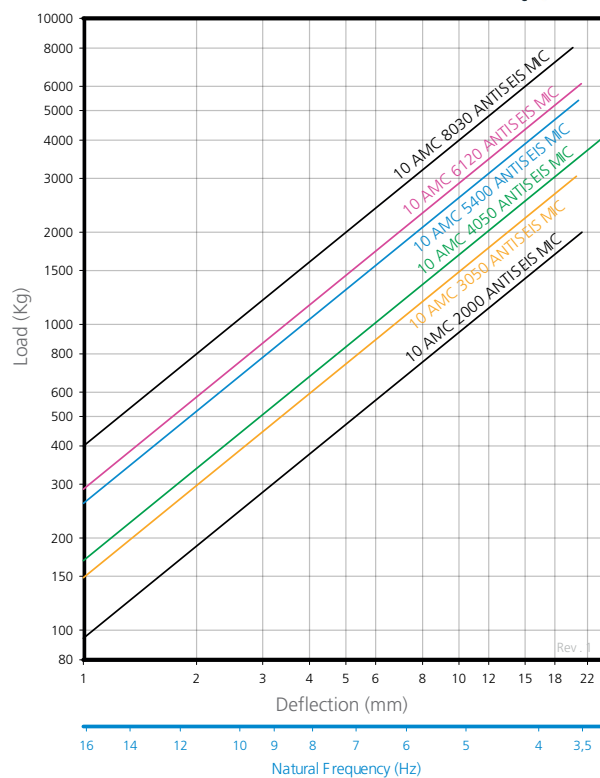
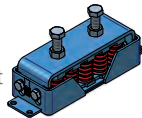
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic mount



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic mount



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 10 AMC Antiseismic mount



VSH ANTI-SEISMIC SUPPORTS

This range of mounts comprises:

- A spring high elasticity and very low natural frequency
- An incorporated levelling system
- A non-slip rubber base
- A spare Sylomer to isolate mid and high frequencies comes standard

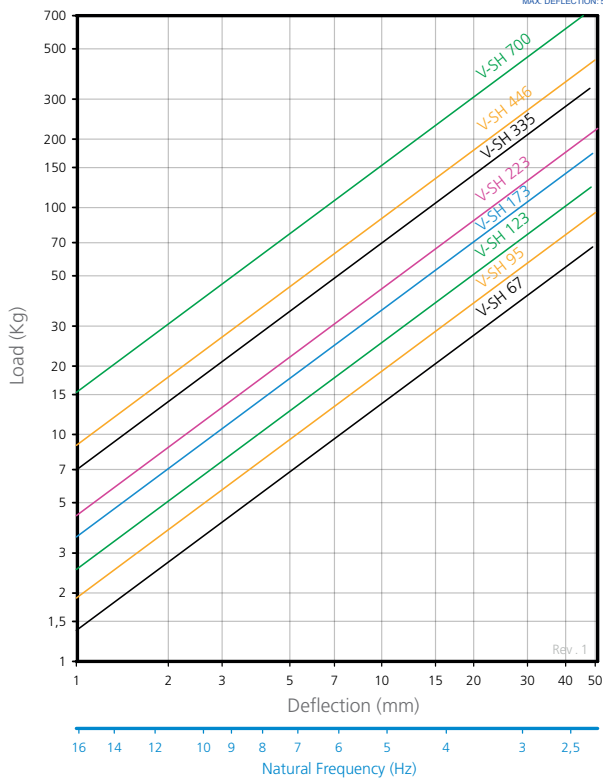
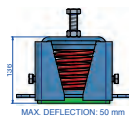
Natural Frequency 3 to 5 Hz



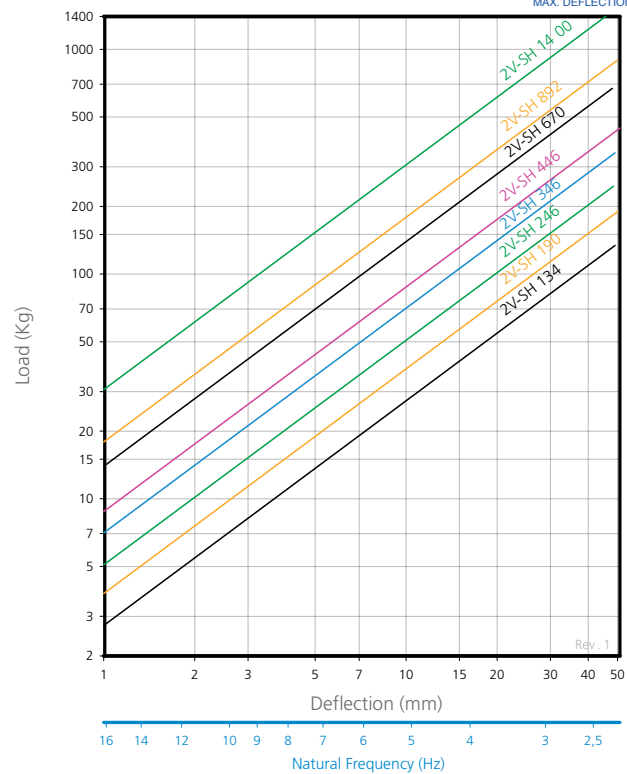
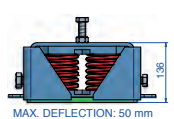
	Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
	1V-SH-67 ANTI SEISMIC + SYLOMER	BLUE	67	5,759	20653	13
	1V-SH-95 ANTI SEISMIC + SYLOMER	WHITE	95	5,816	20654	19
	1V-SH-123 ANTI SEISMIC + SYLOMER	BLACK	123	5,84	20655	25
	1V-SH-173 ANTI SEISMIC + SYLOMER	BEIGE	173	5,93	20656	35
	1V-SH-223 ANTI SEISMIC + SYLOMER	RED	223	6,301	20657	43
	1V-SH-335 ANTI SEISMIC + SYLOMER	GREY	335	6,502	20658	68
	1V-SH-446 ANTI SEISMIC + SYLOMER	GREEN	446	6,768	20659	88
	1V-SH-700 ANTI SEISMIC + SYLOMER	BROWN	700	6,768	20661	150
	2V-SH-134 ANTI SEISMIC + SYLOMER	BLUE	134	10,423	20587	27
	2V-SH-190 ANTI SEISMIC + SYLOMER	WHITE	190	10,537	20588	37
	2V-SH-246 ANTI SEISMIC + SYLOMER	BLACK	246	10,648	20589	50
	2V-SH-346 ANTI SEISMIC + SYLOMER	BEIGE	346	10,648	20590	69
	2V-SH-446 ANTI SEISMIC + SYLOMER	RED	446	11,507	20591	86
	2V-SH-670 ANTI SEISMIC + SYLOMER	GREY	670	11,909	20592	137
	2V-SH-892 ANTI SEISMIC + SYLOMER	GREEN	892	12,441	20593	176
	2V-SH-1400 ANTI SEISMIC + SYLOMER	BROWN	1400	12,441	20594	301
	4V-SH-268 ANTI SEISMIC + SYLOMER	BLUE	268	19,909	20752	54
	4V-SH-380 ANTI SEISMIC + SYLOMER	WHITE	380	20,137	20753	74
	4V-SH-492 ANTI SEISMIC + SYLOMER	BLACK	492	20,233	20754	100
	4V-SH-692 ANTI SEISMIC + SYLOMER	BEIGE	692	20,593	20755	138
	4V-SH-892 ANTI SEISMIC + SYLOMER	RED	892	22,077	20756	172
	4V-SH-1340 ANTI SEISMIC + SYLOMER	GREY	1340	22,881	20757	274
	4V-SH-1784 ANTI SEISMIC + SYLOMER	GREEN	1784	23,945	20758	351
	4V-SH-2800 ANTI SEISMIC + SYLOMER	BROWN	2800	29	20759	601
	6V-SH-402 ANTI SEISMIC + SYLOMER	BLUE	402	30,076	20861	80
	6V-SH-570 ANTI SEISMIC + SYLOMER	WHITE	570	30,418	20862	112
	6V-SH-738 ANTI SEISMIC + SYLOMER	BLACK	738	30,562	20863	149
	6V-SH-1038 ANTI SEISMIC + SYLOMER	BEIGE	1038	31,102	20864	208
	6V-SH-1338 ANTI SEISMIC + SYLOMER	RED	1338	33,328	20865	258
	6V-SH-2010 ANTI SEISMIC + SYLOMER	GREY	2010	34,534	20866	410
	6V-SH-2676 ANTI SEISMIC + SYLOMER	GREEN	2676	36,13	20867	527
	6V-SH-4200 ANTI SEISMIC + SYLOMER	BROWN	4200	36,13	20868	902
	9V-SH-603 ANTI SEISMIC + SYLOMER	BLUE	603	46,273	20887	121
	9V-SH-855 ANTI SEISMIC + SYLOMER	WHITE	855	46,786	20888	167
	9V-SH-1107 ANTI SEISMIC + SYLOMER	BLACK	1107	47,002	20889	224
	9V-SH-1557 ANTI SEISMIC + SYLOMER	BEIGE	1557	47,812	20890	311
	9V-SH-2007 ANTI SEISMIC + SYLOMER	RED	2007	51,151	20891	387
	9V-SH-3015 ANTI SEISMIC + SYLOMER	GREY	3015	52,96	20892	616
	9V-SH-4014 ANTI SEISMIC + SYLOMER	GREEN	4014	55,354	20893	790
	9V-SH-6300 ANTI SEISMIC + SYLOMER	BROWN	6300	55,354	20900	1353

VSH ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES

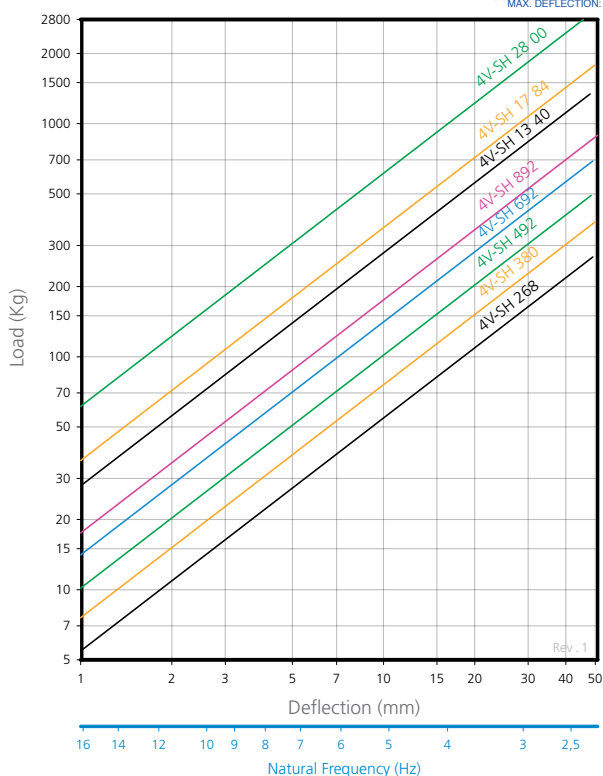
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic V-SH



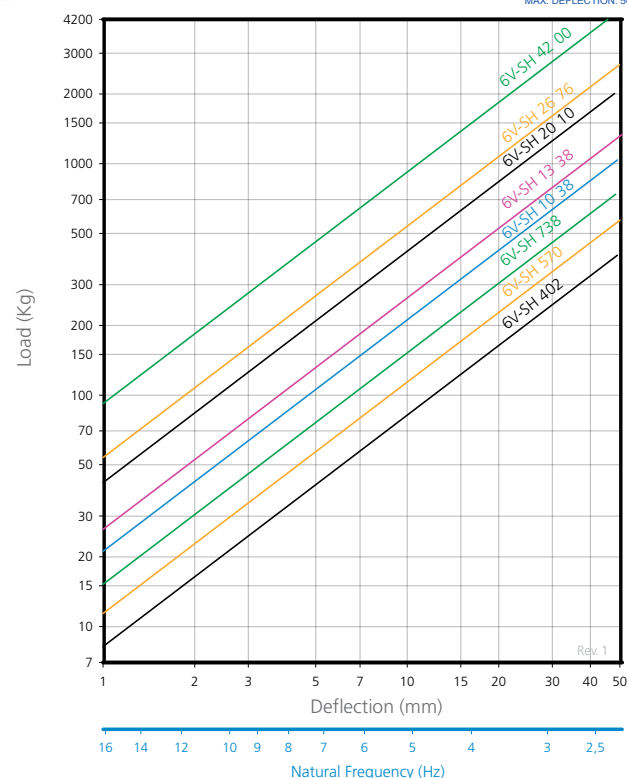
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC Antiseismic V-SH



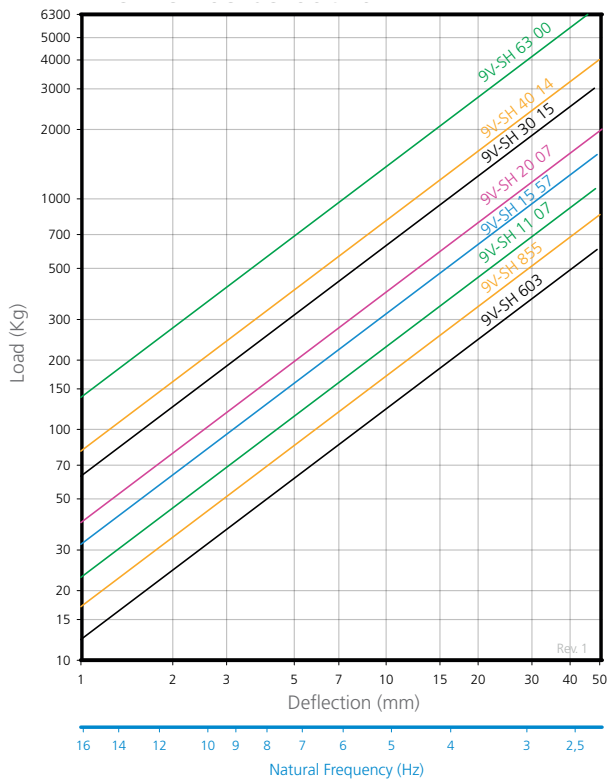
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic V-SH



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic V-SH



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic V-SH



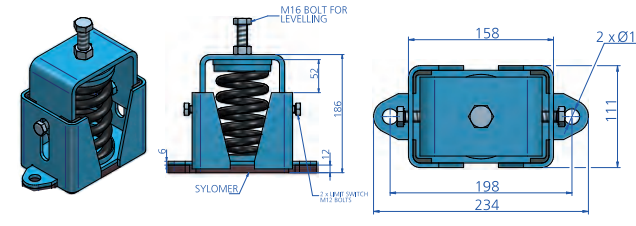
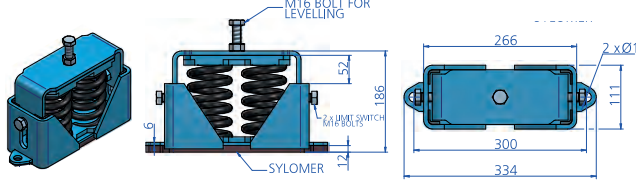
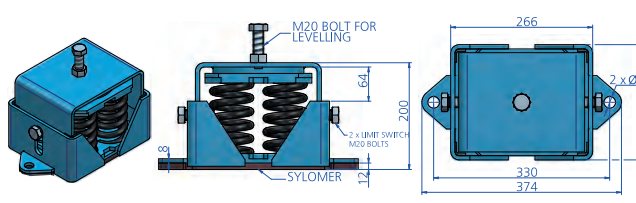
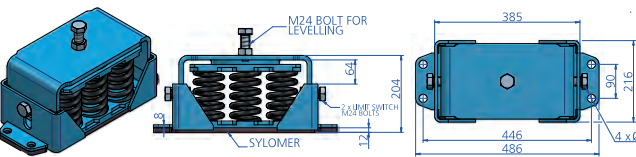
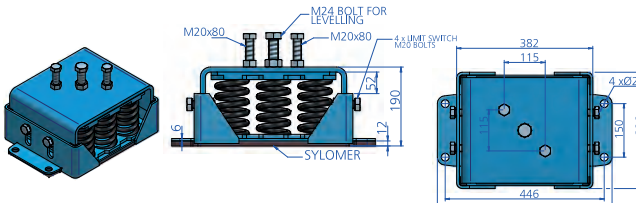
VSR ANTI-SEISMIC SUPPORTS

This range of mounts comprises:

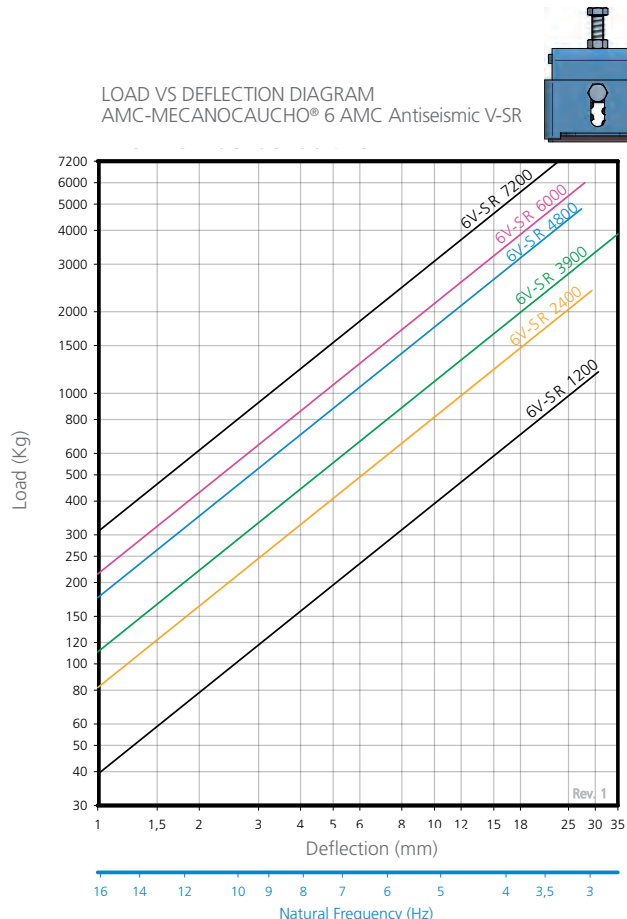
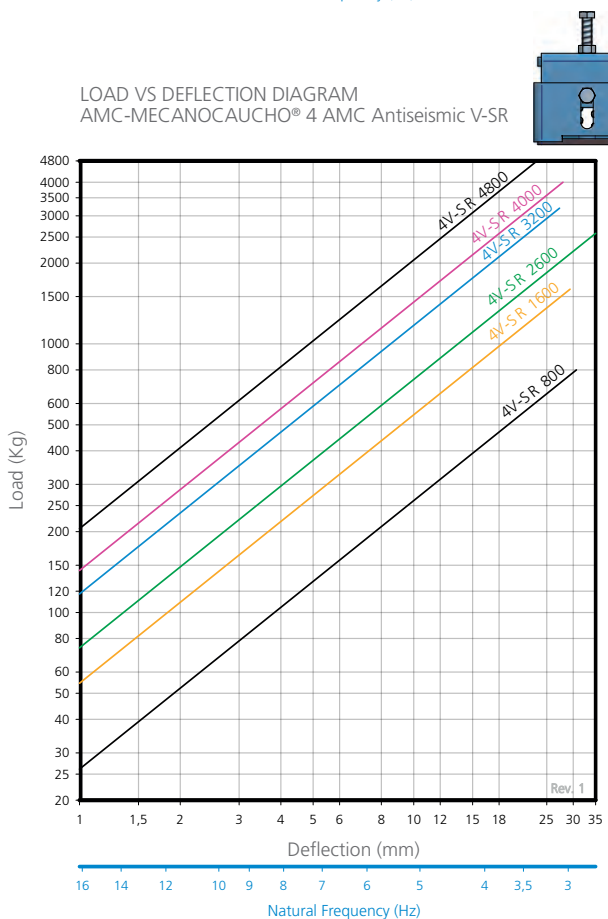
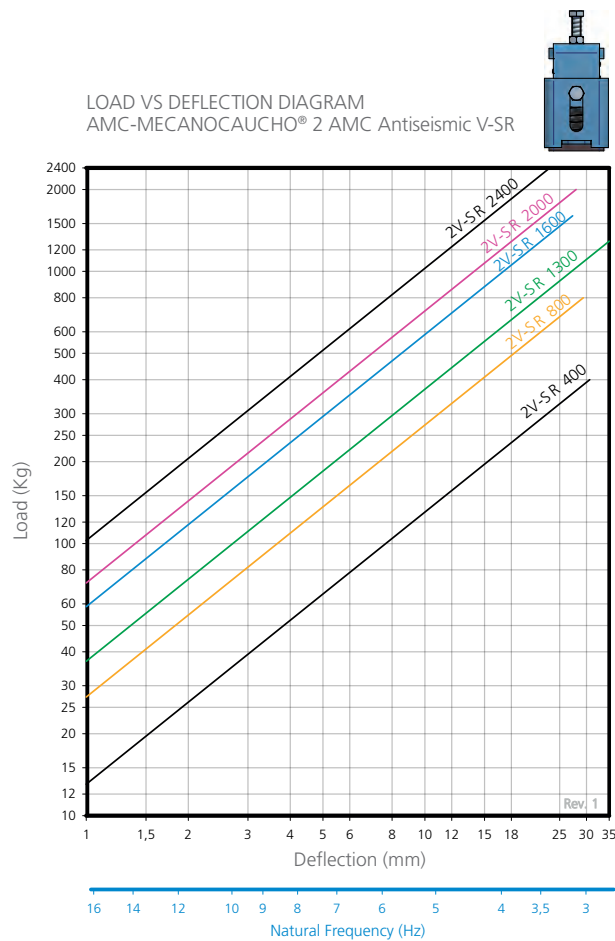
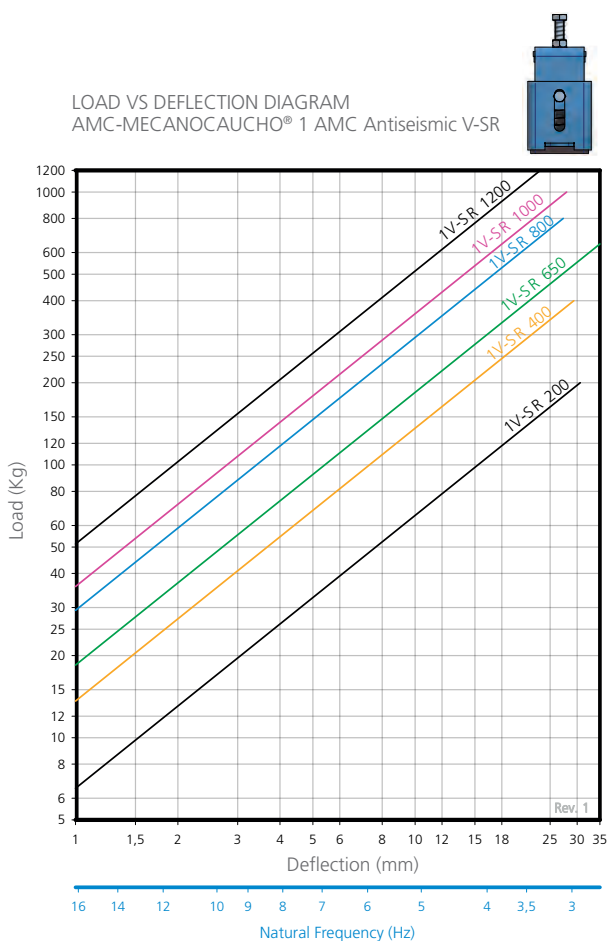
- A spring high elasticity and very low natural frequency
- An incorporated levelling system
- A non-slip rubber base
- A spare Sylomer to isolate mid and high frequencies comes standard



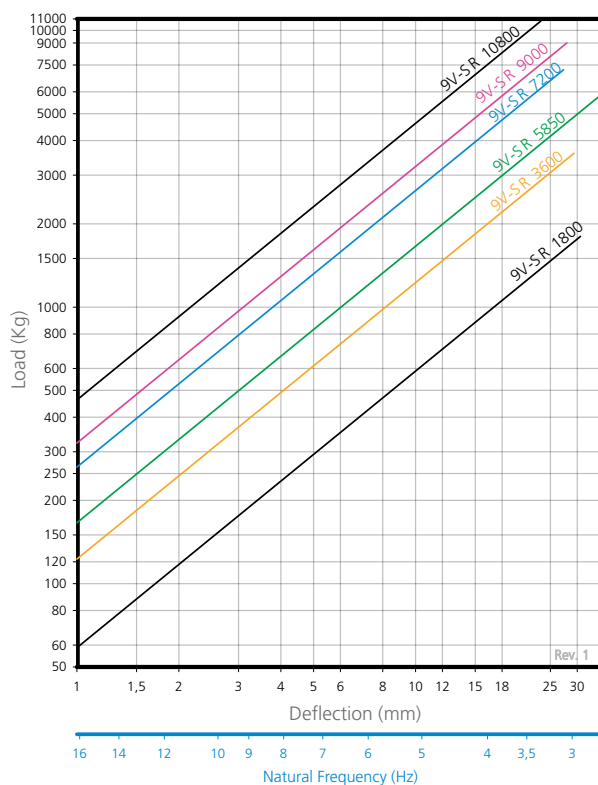
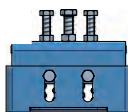
Natural Frequency 3 to 5 Hz

	Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
	V-SR-200 ANTI SEISMIC + SYLOMER®	BLACK	200	5,72	21340	64
	V-SR-400 ANTI SEISMIC + SYLOMER®	BLACK	400	0	21341	134
	V-SR-650 ANTI SEISMIC + SYLOMER®	BLACK	650	6,715	20502	181
	V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	6,74	20503	287
	V-SR-1000 ANTI SEISMIC + SYLOMER®	BLACK	1000	7,045	20504	351
	V-SR-1200 ANTI SEISMIC + SYLOMER®	BLACK	1200	7,119	20505	503
	2V-SR-400 ANTI SEISMIC + SYLOMER®	BLACK	400	0	21342	128
	2V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	0	21343	267
	2V-SR-1300 ANTI SEISMIC + SYLOMER®	BLACK	1300	12,335	20506	362
	2V-SR-1600 ANTI SEISMIC + SYLOMER®	BLACK	1600	12,385	20507	575
	2V-SR-2000 ANTI SEISMIC + SYLOMER®	BLACK	2000	12,995	20508	702
	2V-SR-2400 ANTI SEISMIC + SYLOMER®	BLACK	2400	13,143	20509	1007
	4V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	23,4	21344	256
	4V-SR-1600 ANTI SEISMIC + SYLOMER®	BLACK	1600	24,5	21345	535
	4V-SR-2600 ANTI SEISMIC + SYLOMER®	BLACK	2600	23,733	21141	724
	4V-SR-3200 ANTI SEISMIC + SYLOMER®	BLACK	3200	23,833	21142	1150
	4V-SR-4000 ANTI SEISMIC + SYLOMER®	BLACK	4000	27,66	21143	1404
	4V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	25,349	21144	2013
	6V-SR-1200 ANTI SEISMIC + SYLOMER®	BLACK	1200	0	21346	384
	6V-SR-2400 ANTI SEISMIC + SYLOMER®	BLACK	2400	0	21347	802
	6V-SR-3900 ANTI SEISMIC + SYLOMER®	BLACK	3900	35,812	20877	1086
	6V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	35,962	20878	1724
	6V-SR-6000 ANTI SEISMIC + SYLOMER®	BLACK	6000	37,792	20879	2107
	6V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	38,236	20880	3020
	9V-SR-1800 ANTI SEISMIC + SYLOMER®	BLACK	1800	0	21348	576
	9V-SR-3600 ANTI SEISMIC + SYLOMER®	BLACK	3600	54,877	21349	1203
	9V-SR-5850 ANTI SEISMIC + SYLOMER®	BLACK	5850	54,877	20952	1629
	9V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	55,102	20953	2587
	9V-SR-9000 ANTI SEISMIC + SYLOMER®	BLACK	9000	57,847	20954	3160
	9V-SR-10800 ANTI SEISMIC + SYLOMER®	BLACK	10800	58	20955	4530

VSR ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic V-SR



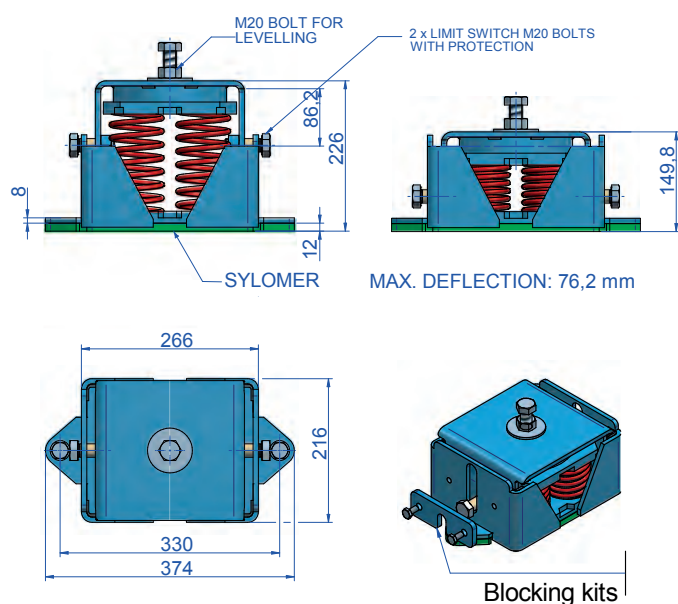
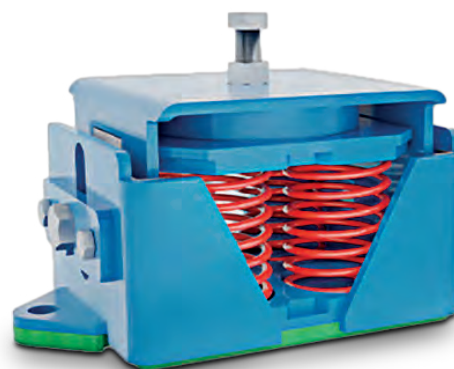
ANTI-SEISMIC SUPPORT PRELOADABLE 4V-SX

V-SX mounts are capable of reaching very low natural frequencies, from 2 to 3Hz. In addition, this mount incorporates a Sylomer® mat, also providing good isolation at mid-high frequencies. Thanks to this spring-Sylomer® combination, this mount can provide great isolation across the entire frequency range.

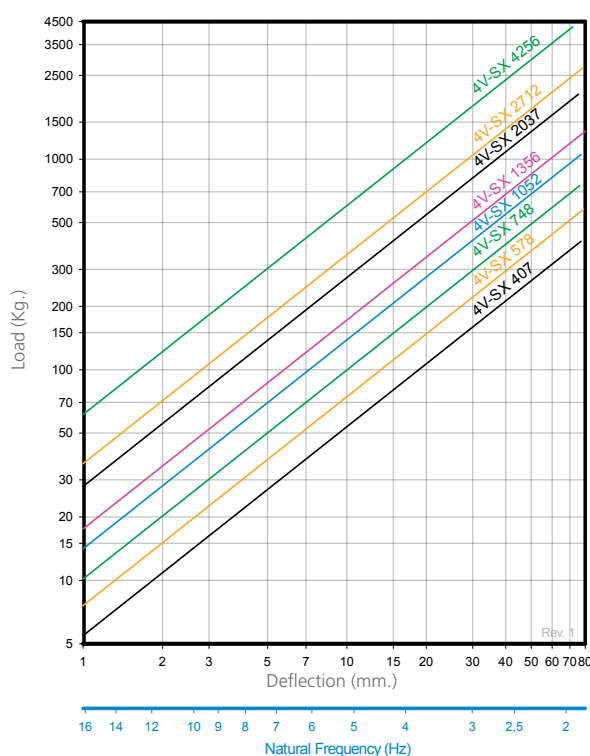
TECHNICAL CHARACTERISTICS

This range of supports consists of:

- A spring with high elasticity and very low natural frequency.
- An incorporated levelling system.
- An incorporated preload system.
- A Sylomer® pad under the mount base in order to isolate mid-high frequencies.



LOAD DEFLECTION CURVE
ANTI-SEISMIC SUPPORT PRELOADABLE 4V-SX



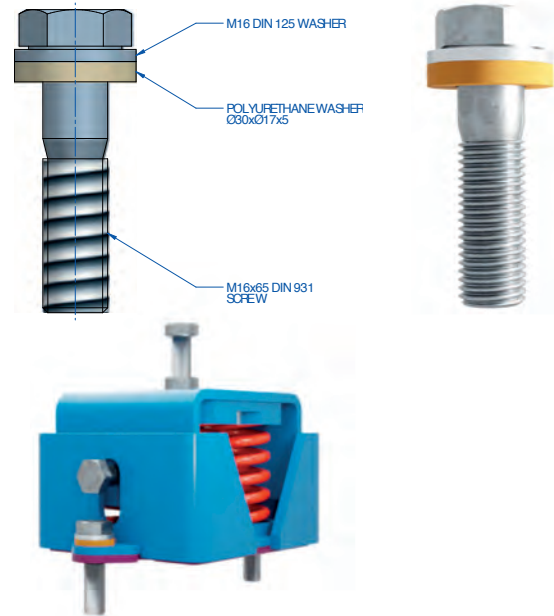
Type	Spring color	Load (kg)	Weight (kg)	K (N/mm)	Code
4V-SX 407 PRELOADABLE ANTI-SEISMIC + SYLOMER®	BLUE	407	32	53,6	20802
4V-SX 578 PRELOADABLE ANTI-SEISMIC + SYLOMER®	WHITE	578	32	74,4	20803
4V-SX 748 PRELOADABLE ANTI-SEISMIC + SYLOMER®	BLACK	748	32	99,6	20804
4V-SX 1052 PRELOADABLE ANTI-SEISMIC + SYLOMER®	BEIGE	1052	32	138,4	20805
4V-SX 1356 PRELOADABLE ANTI-SEISMIC + SYLOMER®	RED	1356	32	172	20806
4V-SX 2037 PRELOADABLE ANTI-SEISMIC + SYLOMER®	GREY	2037	32	273,6	20800
4V-SX 2712 PRELOADABLE ANTI-SEISMIC + SYLOMER®	GREEN	2712	32	351,2	20807
4V-SX 4256 PRELOADABLE ANTI-SEISMIC + SYLOMER®	BROWN	4256	32	601,2	20808



SYLOMER FIXATION KIT

The Sylomer washers allow a mechanical fixation avoiding structural borne noise.

Type	Code
1V-SR-SH/2V-SR-SH/4V-SX ANTI-SEISMIC	708095
4/6/9V-SR-SH ANTI-SEISMIC	708096
AMC ANTI-SEISMIC	708097
ANTI-SEISMIC MINI	708098
1 AMC/1V-SR/1V-SH + SYLOMER®	708064



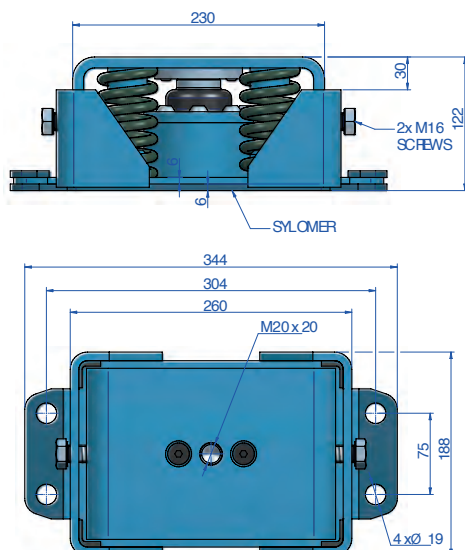
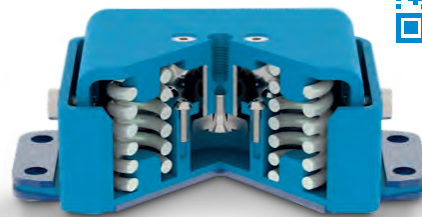
ANTI SEISMIC VISCO

This spring mount is suitable for those applications that require greater vibration isolation and movement control, such as:

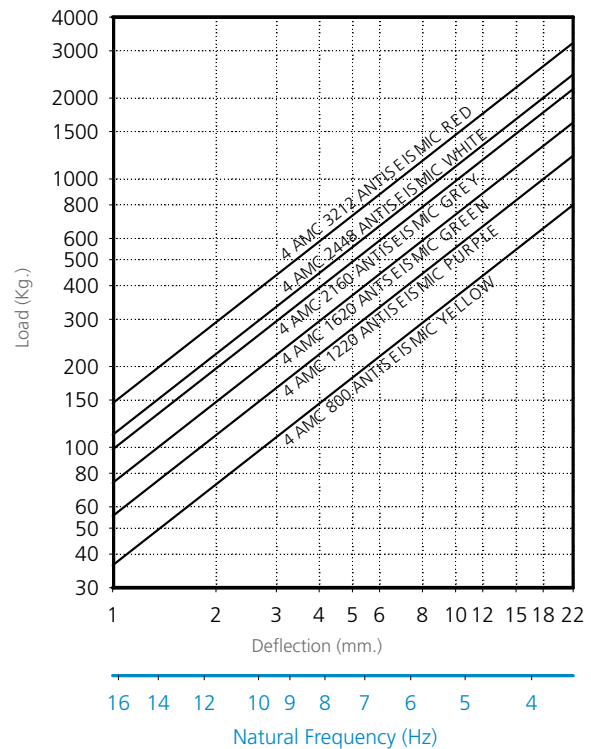
- Emergency generator sets on Hospitals, data bank organizations or residential areas.
- Pumps or piston compressors that have high eccentricity where a mass of inertia cannot be installed.
- HVAC equipment on Hospitals or residential areas.
- This mount is suitable for the isolation of static rotating machines which are exposed to axial and radial shocks, dripping oil or diesel or exposure to the weathering.

Type	No. Springs	Spring color	Deflection (mm)	Max. Load (kg)	Code	K (N/mm)
ANTI SEISMIC VISCO	4	YELLOW	22	800	21269	364
	4	PURPLE	22	1220	21256	556
	4	GREEN	22	1620	21255	736
	4	GREY	22	2160	21257	982
	4	WHITE	22	2448	21258	1113
	4	RED	22	3212	21259	1380

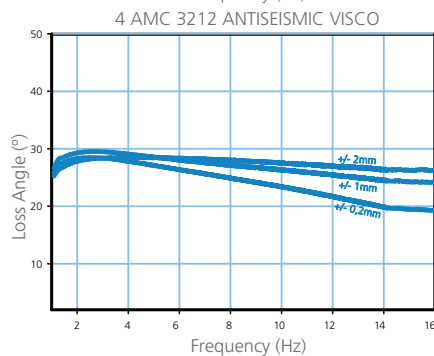
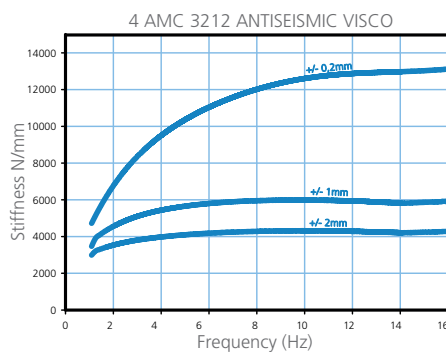
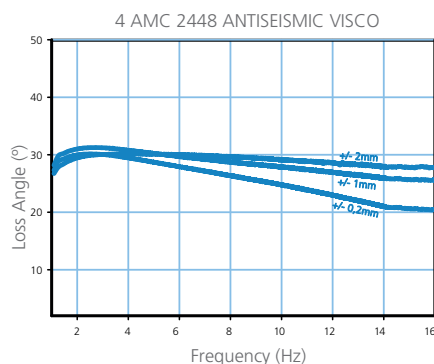
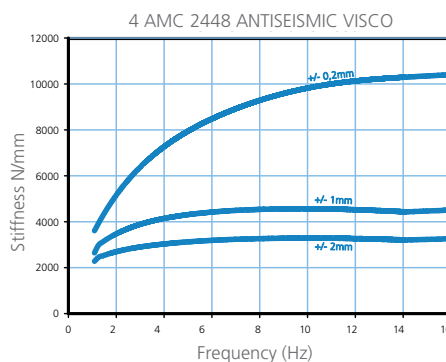
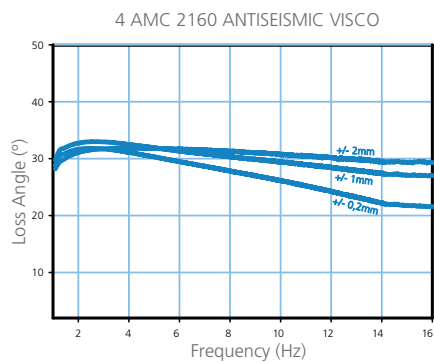
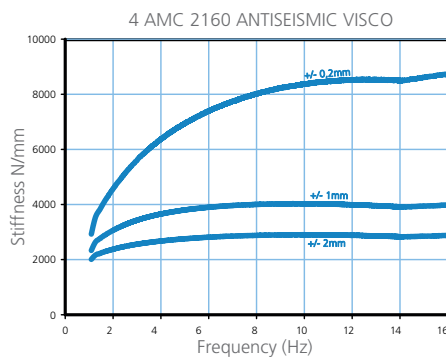
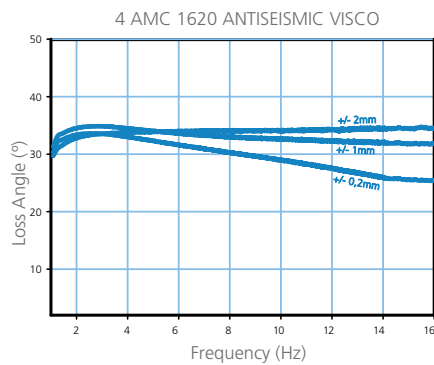
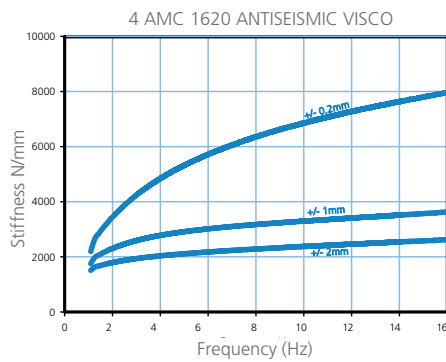
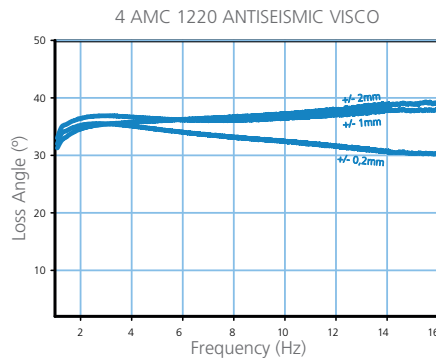
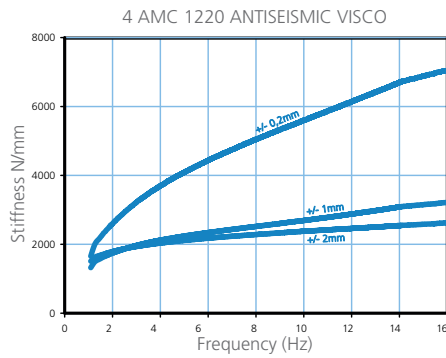
VIDEO TEST



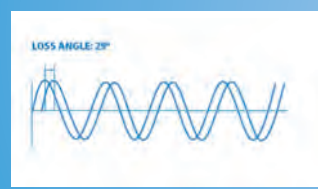
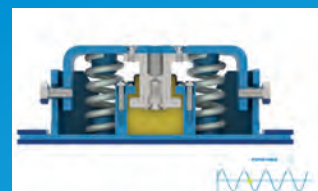
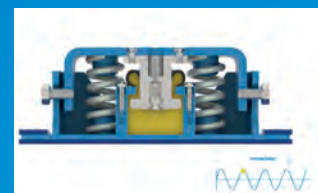
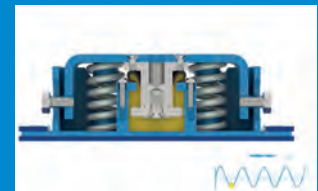
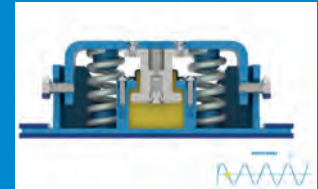
LOAD DEFLECTION CURVE
4 AMC ANTISEISMIC VISCO



DYNAMIC BEHAVIOUR



SEQUENCE OF THE ANTISEISMIC MOVEMENT


WATCH THIS
MOVEMENT IN VIDEO


VIBRABSORBER + sylomer[®]

with adjustable damping & vertical displacement end stroke buffer

The Vibrabsorber+Sylomer[®] with adjustable damping system is composed of a damping chamber where the piston can allow more or less viscous fluid transmission. This anti vibration mount has incorporated anti traction buffers of Sylomer[®] to limit the vertical movement of the mount if needed.

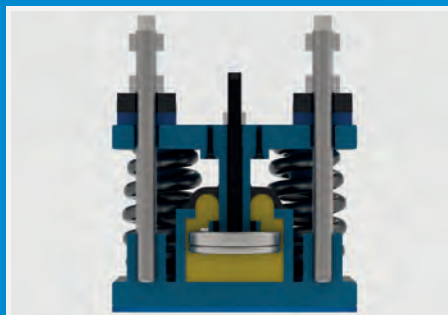
The base of the mount includes a layer of Sylomer[®] to reduce the transmission of high frequencies that could go through the coil springs.

The dynamic stiffness and angle loss depends on the amplitude and also on how open the piston orifices are. This can be adjusted by rotating the discs of the piston. This rotation is achieved by turning a central bolt from Minimum to Maximum.

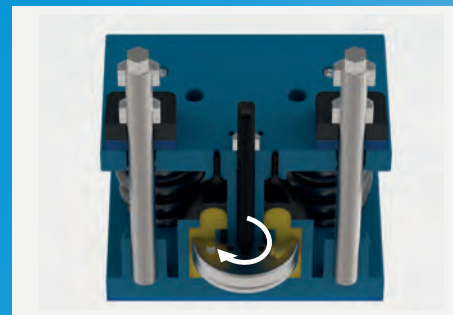
This product is tailored for each application.



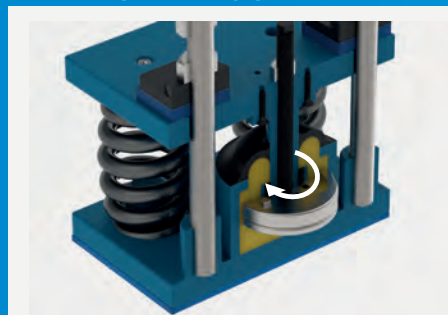
STIFFNESS AND DAMPING COEFFICIENT CAN BE TUNED TO BESPOKE APPLICATIONS.



THE DAMPING FLUID IS COMPOSED OF A VISCOUS THERMOSTABLE ELASTOMER. THE RUBBER MEMBRANE IS BONDED TO THE METAL TO AVOID LEAKAGES OF FLUID. THE MEMBRANE ALLOWS TRANSFER OF FLUID FROM CHAMBER TO CHAMBER.



THE DAMPING IS ADJUSTABLE BY A ROTATION OF A CENTRAL BOLT FROM MINIMUM TO MAXIMUM DAMPING.



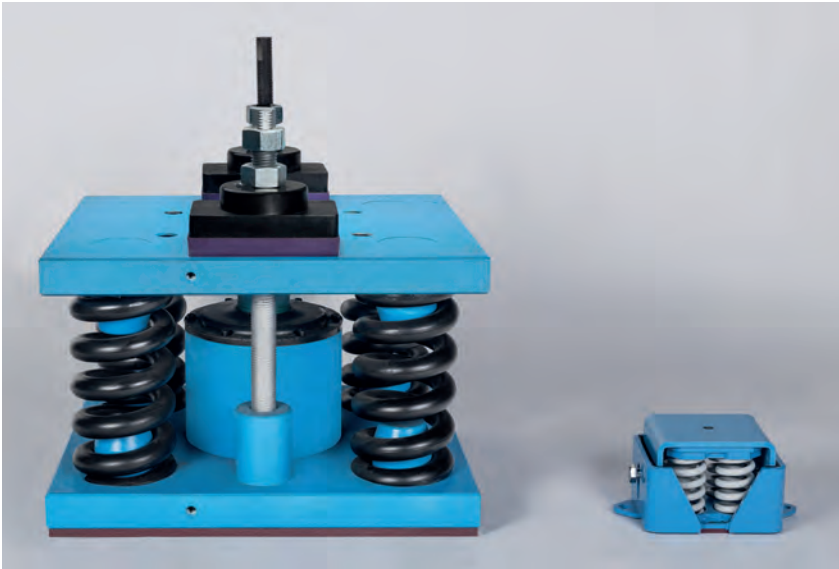
VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.



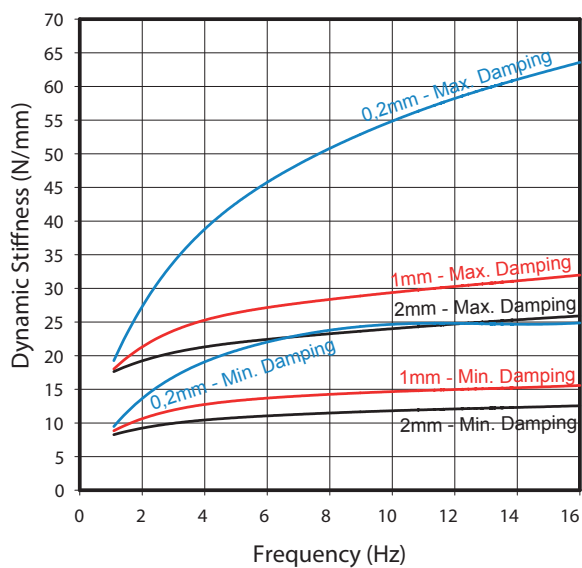
VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.



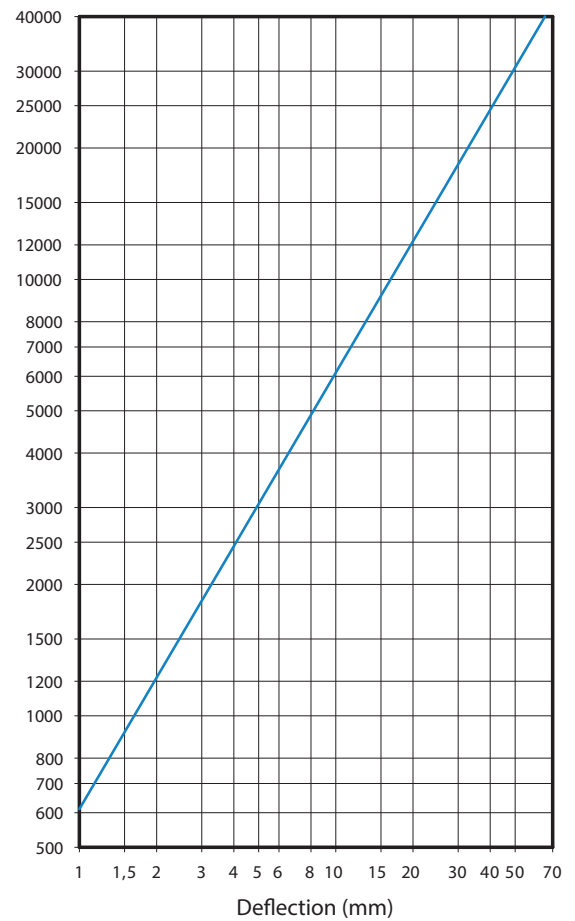
STIFFNESS AND DAMPING COEFFICIENT CAN BE TUNED TO BESPOKE APPLICATIONS.



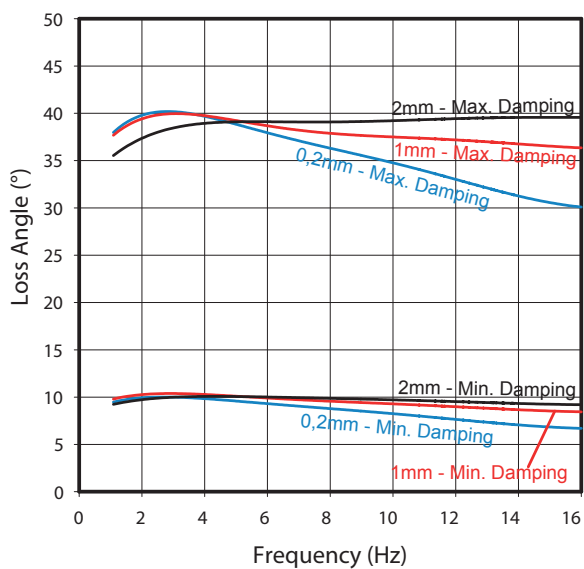
AMPLITUDE DEPENDANT DYNAMIC STIFFNESS
ADJUSTABLE VISCOELASTIC SPRING



LOAD DEFLECTION CURVE
ADJUSTABLE VISCOELASTIC SPRING

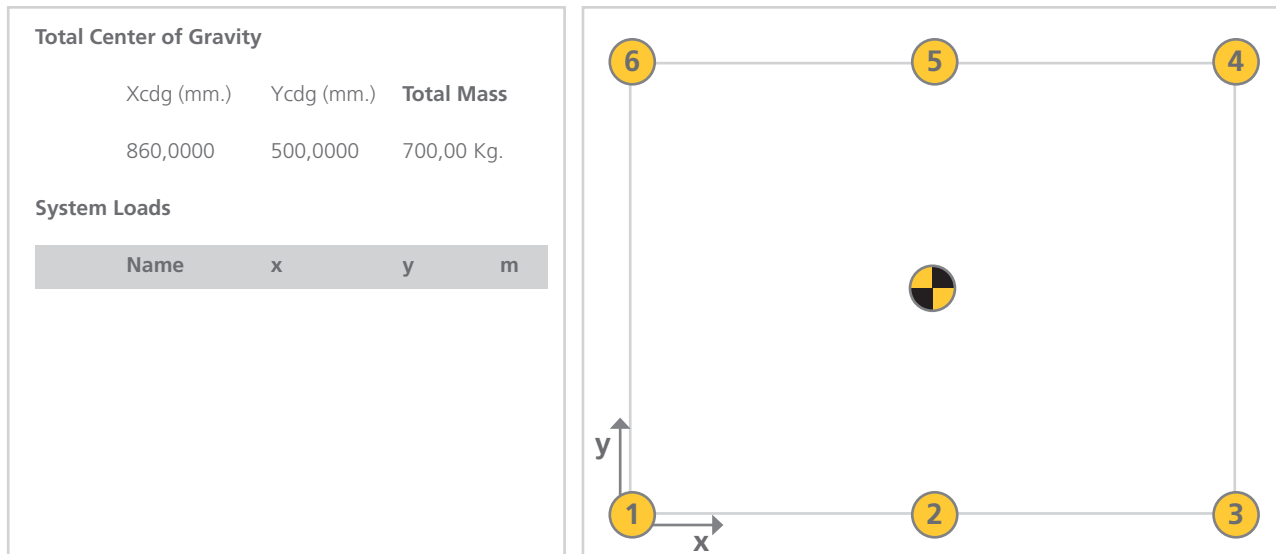


AMPLITUDE DEPENDANT LOSS ANGLE
ADJUSTABLE VISCOELASTIC SPRING

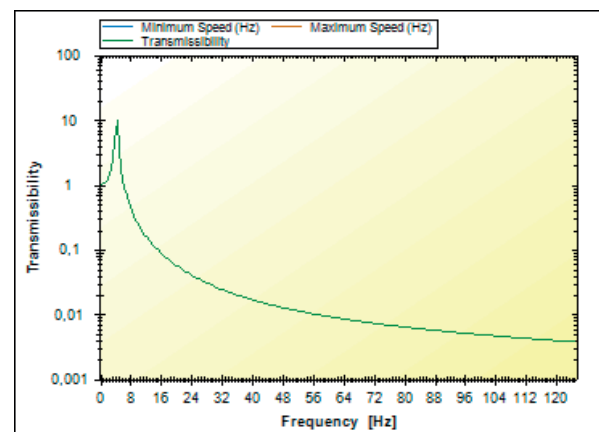
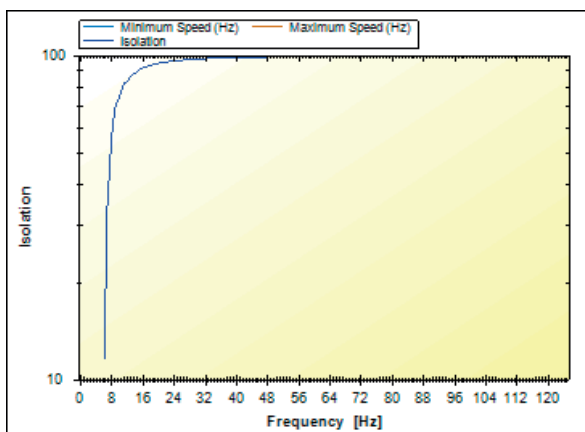


AMC MECANOCAUCHO® ONLINE CALCULATION SOFTWARE

TRAINING WILL BE PROVIDED BY OUR APPLICATION ENGINEERS.



AMC MECANOCAUCHO® TECHNICAL SUPPORT								
Nº	Code	Description	k (N/mm.)	X (mm.)	Y (mm.)	F (Kg.)	s (mm.)	% MAX.
1	20373	1 AMC 250+Sylomer®	84,60	0,00	0,00	116,67	13,60	46,67
2	20373	1 AMC 250+Sylomer®	84,60	860	0,00	116,67	13,60	46,67
3	20373	1 AMC 250+Sylomer®	84,60	1720,00	0,00	116,67	13,60	46,67
4	20373	1 AMC 250+Sylomer®	84,60	1720,00	1000,00	116,67	13,60	46,67
5	20373	1 AMC 250+Sylomer®	84,60	860	1000,00	116,67	13,60	46,67
6	20373	1 AMC 250+Sylomer®	84,60	00	1000,00	116,67	13,60	46,67



Isolation % for the order 1,00 at 1.500,00 rpm 96,25 %

Do not hesitate to ask us for login details at sales@amcsa.es

VIBRATION ISOLATOR PRO BLUETOOTH ACCELEROMETER

DESCRIPTION

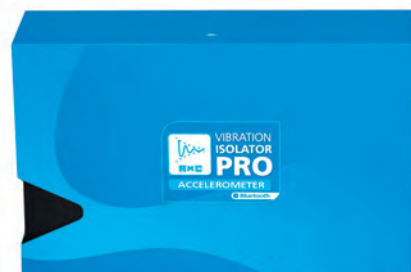
AMC MECANOCAUCHO® Bluetooth Accelerometer has been developed to work in conjunction with the AMC MECANOCAUCHO® free of cost app Vibration Isolator Pro for Android and iOS.

This equipment can provide an immediate vibratory analysis in the frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

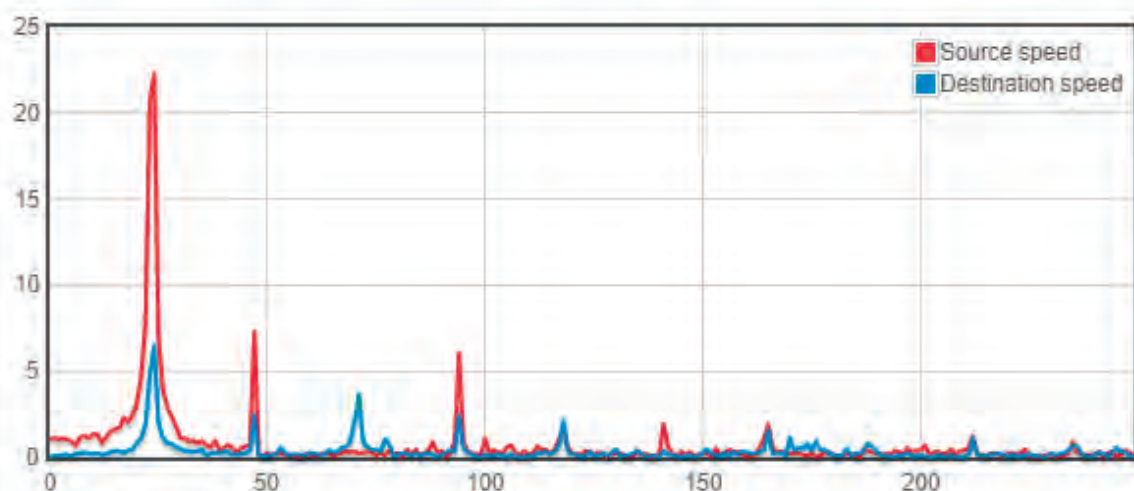
The application will guide the user along several steps in order to complete the analysis in an easy way.

ADVANTAGES

- Compact design
- 3 axis accelerometer
- DC to 500Hz useful bandwidth
- Low noise
- iOS and Android compatible



Mount 1 Z: Vibration Speed (mm/s) vs. Frequency



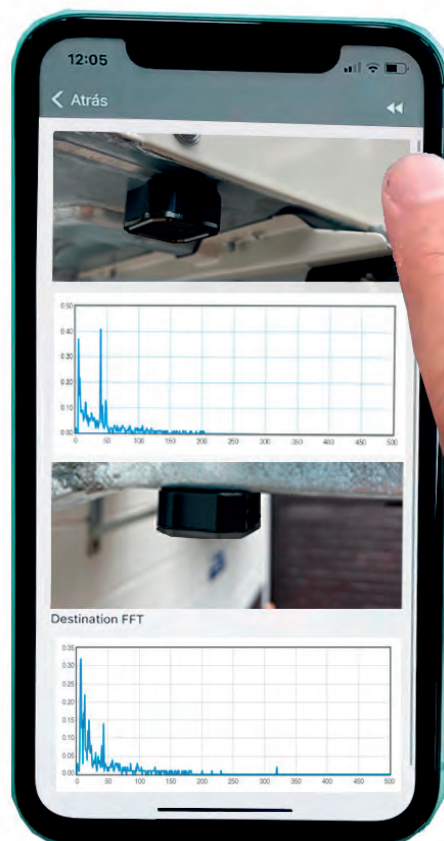
* AMC S.A. reserves the right to modify the design and manufacture of the materials presented in this catalogue without prior notice.

SPECIFICATIONS

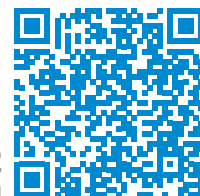
Acceleration Range	$\pm 10g$
Lower frequency limit	0Hz
Upper frequency limit	500Hz
Sensor technology	MEMS
Output Units	mm/s
Sampling rate	1024 kHz
Dimension	41 x 33 x 23 mm
Weigth	48 g
Housing material	Aluminium, plastic
Operating temperature range	-20 to 60°C
Residual Noise density	80 $\mu g/\sqrt{Hz}$ rms
Sensitivity	19 $\mu g/LSB$
ADC resolution	20 Bits
Cross Axis sensitivity	1,50%
Maximum supported acc.	500g
Wireless protocol	Bluetooth LE 4.2



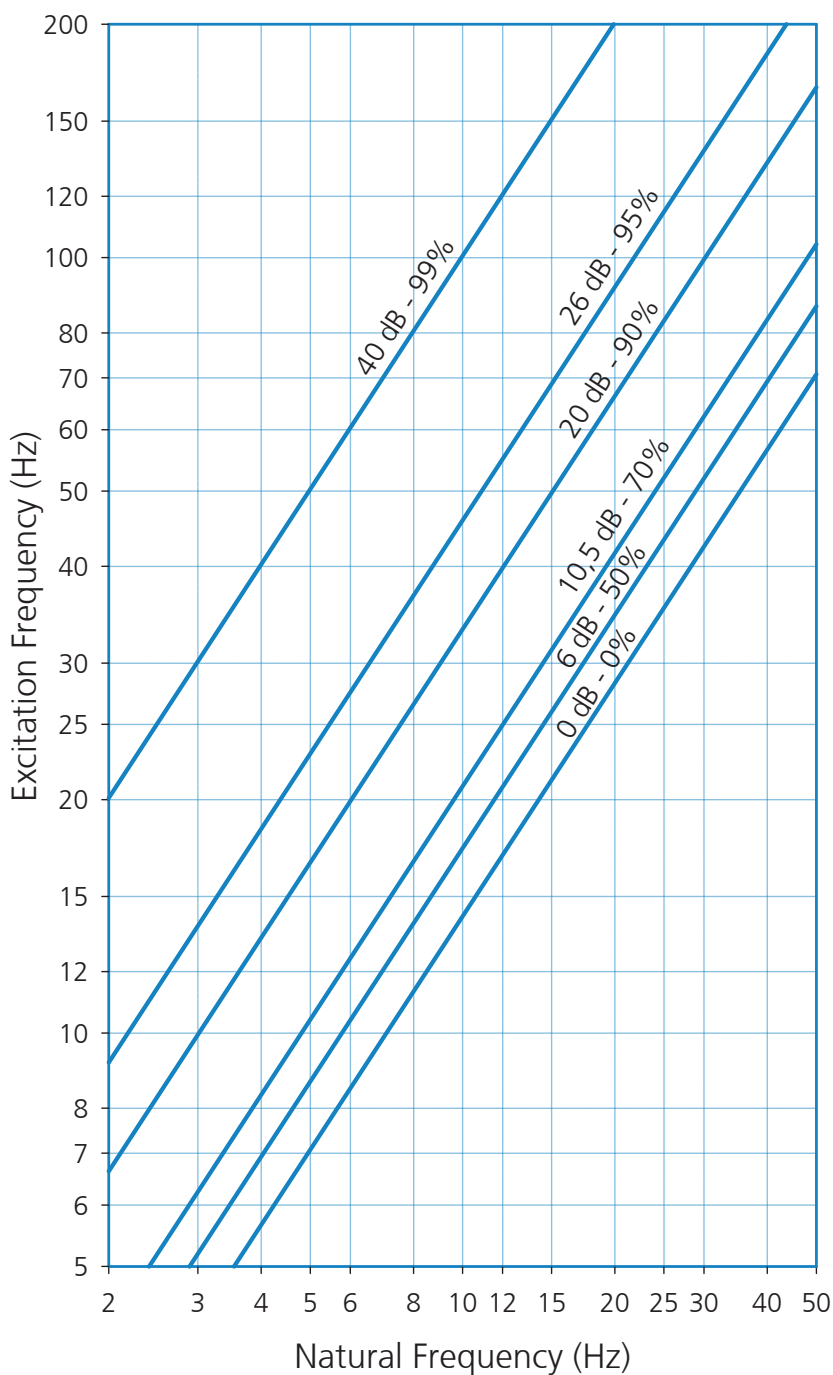
Type	Code
Bluetooth VIP Accelerometer	711062



VIDEO TO
KNOW THE NEW
APPLICATION



VIBRATION ISOLATION GRAPH



OTHER AMC PRODUCTS



AMC-MECANOCAUCHO® ANTIVIBRATION MOUNTINGS

Rubber to metal mounts for industrial applications.



AKUSTIK & AKUSTIK+**sylomer**^{by getzner}

Optimized acoustic hangers, floor mounts and wall ties for the structure borne noise isolation of buildings and machinery.



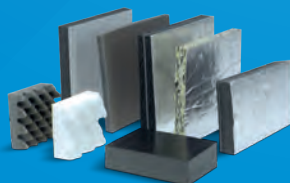
sylomer^{by getzner}

Micro-cellular polyurethane material specially conceived for vibration isolation.



Granab[®] Golvregelsystem

Acoustic and technical floor for buildings.



AKUSTIKABSORBER

Soundproofing composites for industrial applications.

DISCOVER OUR **NEW APPLICATIONS**: available at Android and IOS.

VIBRATION ISOLATOR PRO



Let your phone discover **THE MAIN DISTURBING FREQUENCIES** of your application. The integrated accelerometers of your phone are capable of making an FFT measurement where you will be able to see the main frequencies that you need to isolate.



ACOUSTIC HANGER PRO



Discover the app that helps you **FIND THE CORRECT ACOUSTIC HANGER** for your application. Let your phone provide you a full report of isolation, datasheets and installation video. SIMPLE, EASY & FREE.



Aplicaciones Mecánicas del Caucho S.A.

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