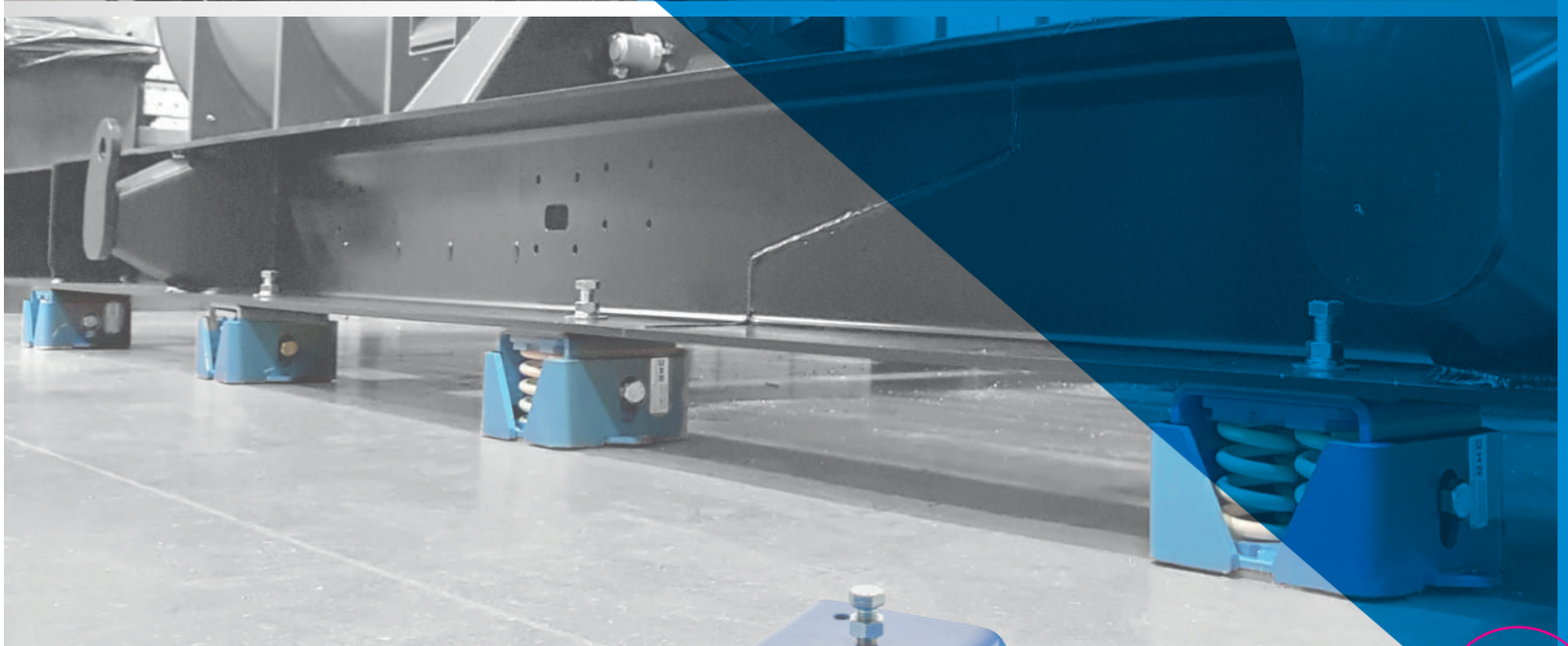
Vibrabsorber
by getzner
+ sylomer®
# General Catalogue



AMC
MECANOCAUCHO

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

INDEX

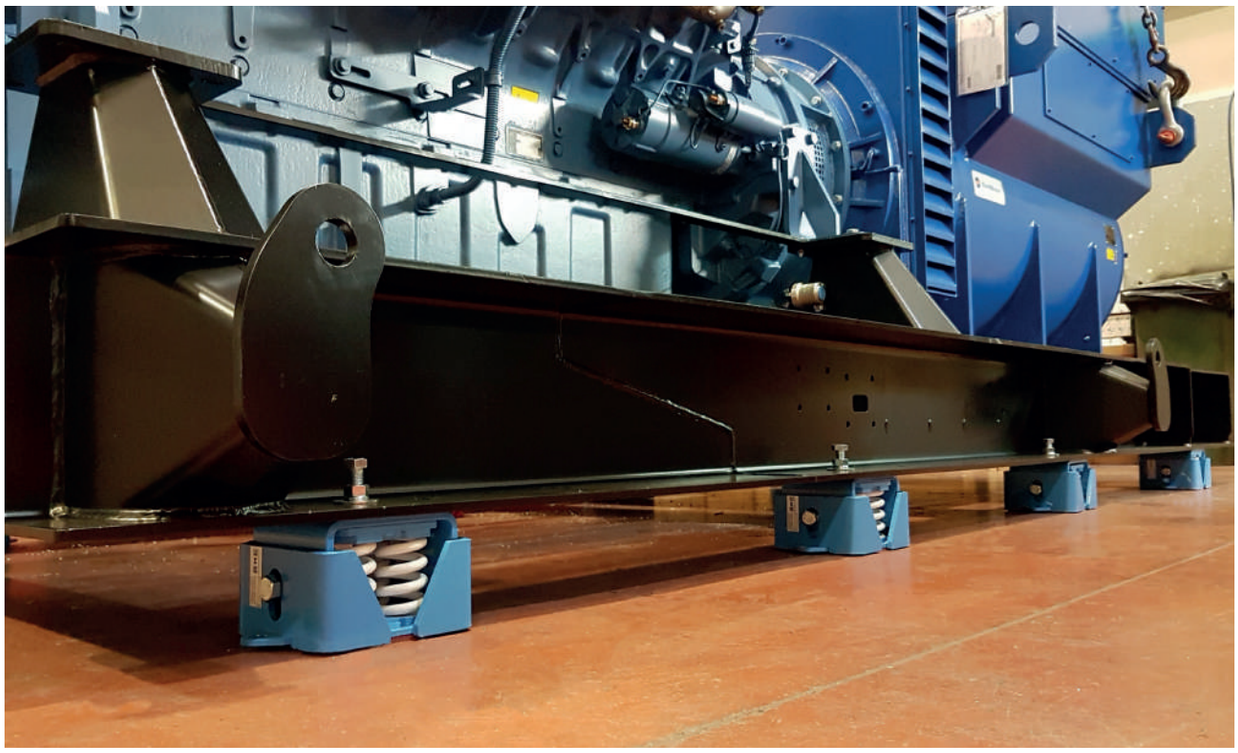
AREAS OF APPLICATION

Our products are used in sectors such as:

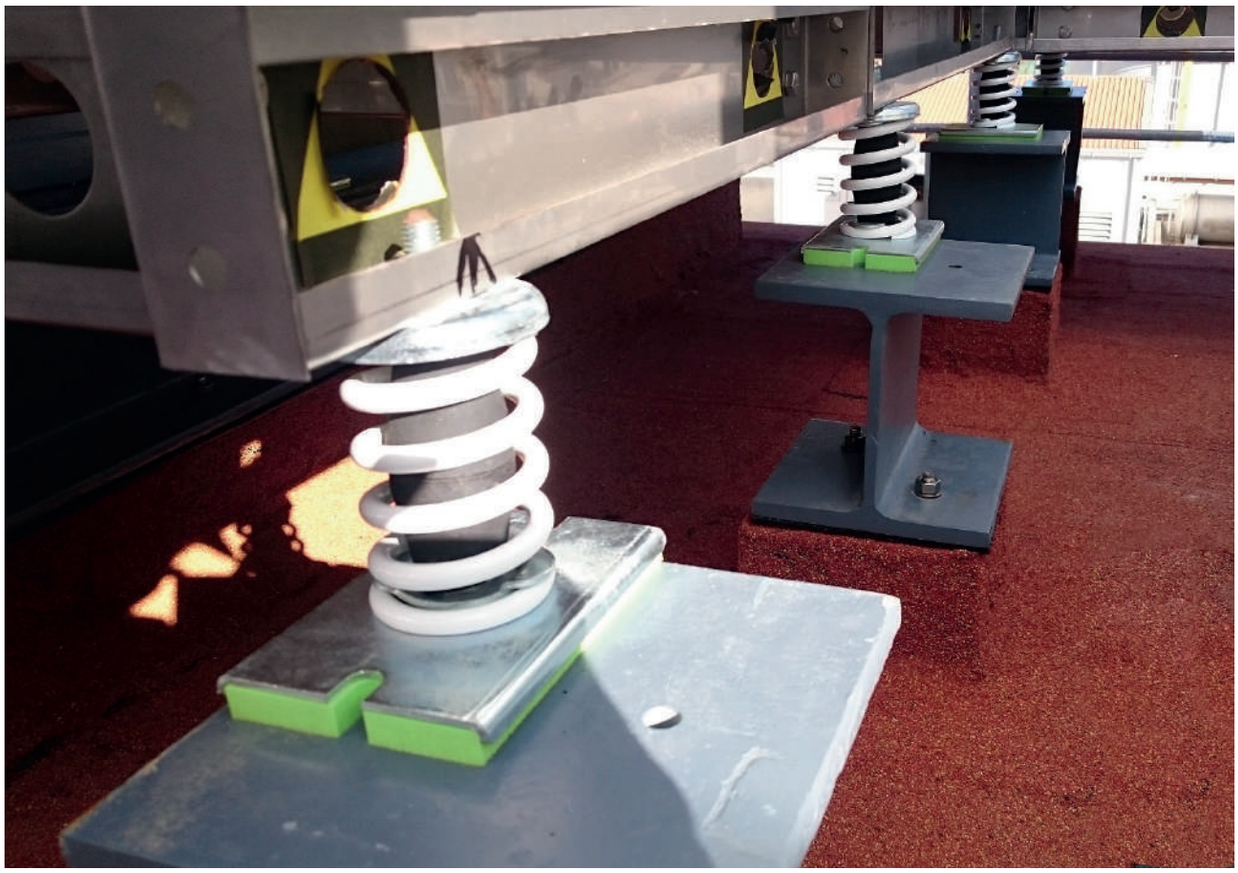
- Generation of electrical energy.
- Air compressors and Blowers.
- Pumps and Pumping equipment.
- Industrial vehicles.
- Machine Tools.
- Marine propulsion and auxiliary equipment.
- Agricultural and construction equipment machinery.
- Acoustic isolation of premises.

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


DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

APLICACIONES MECANICAS DEL CAUCHO, S.A. AMCSA

Industrialdea, Pabellón 35, Zona A, 20159, Asteasu, Gipuzkoa, Spain

ISO 9001:2015

ISO 14001: 2014


DNV·GL

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ISO 14001:2015

Marine type approval


DNV·GL

TYPE APPROVAL CERTIFICATE

NATO certificate

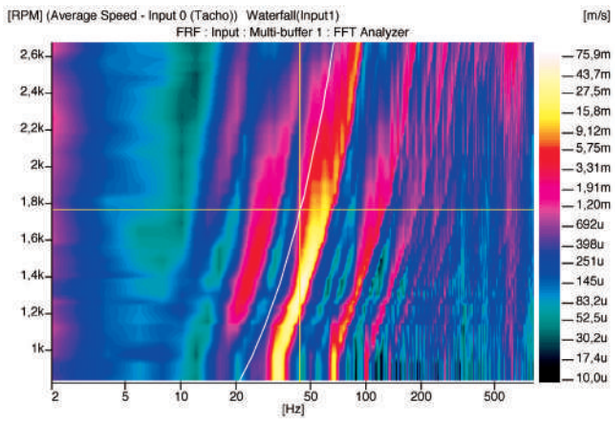

MINISTERIO DE DEFENSA

F A X 943 03 62 10

THE SOLUTION

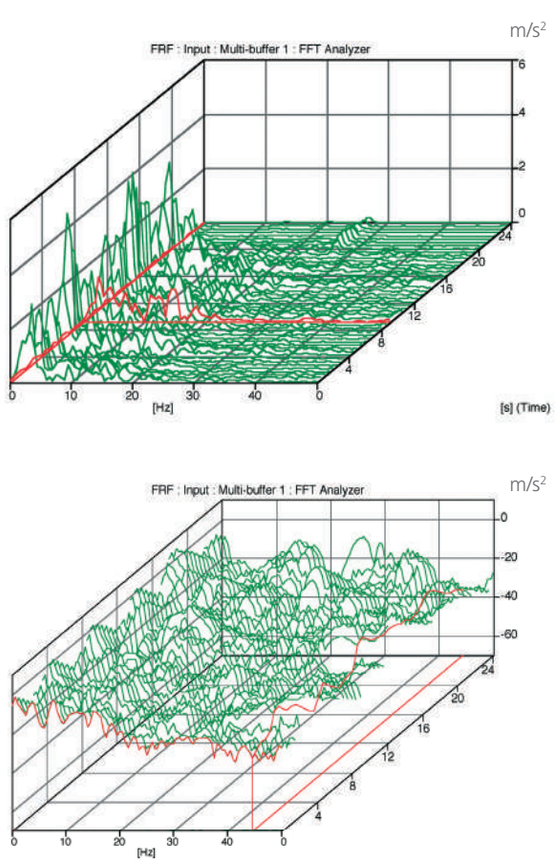
All machinery which by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts.

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

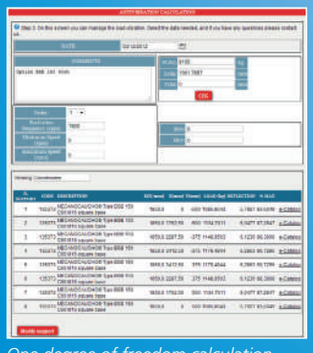
For over 45 years, AMC MECANOCAUCHO® has been developing the AMC MECANOCAUCHO® range of rubber-metal anti-vibration supports which can solve problems like the ones described above in all types of machinery, mobile or fixed. Thus protecting people and the environment from harmful effects of noise and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

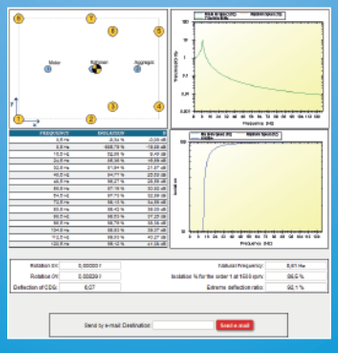


3D graphics of the vertical acceleration of a radiator

AMC ENGINEERING

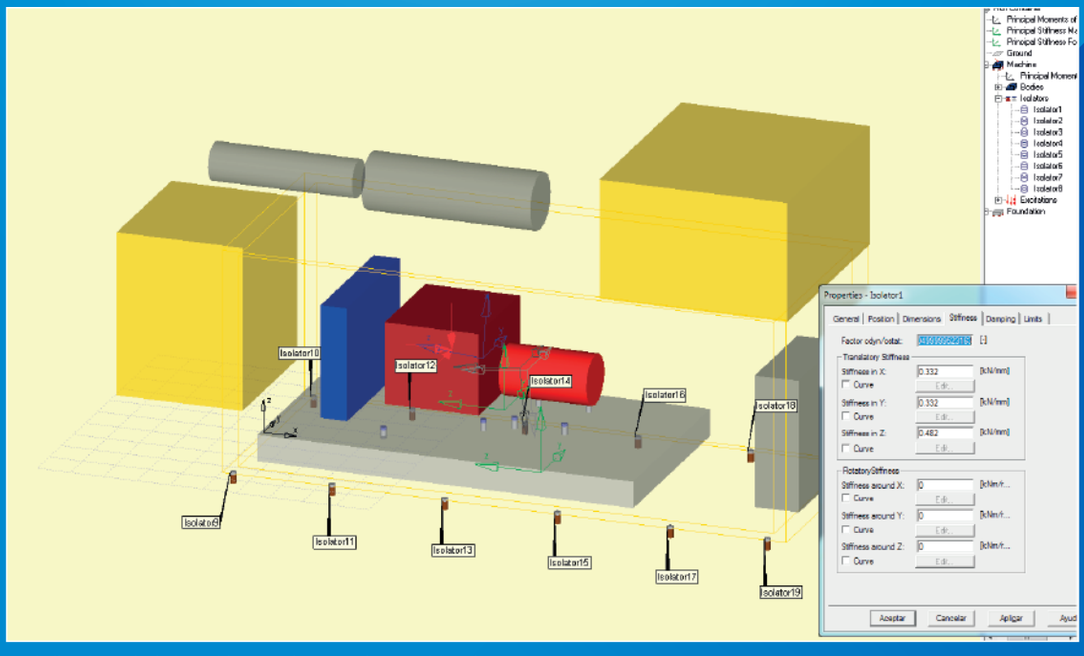
1. Calculation





One degree of freedom calculation

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

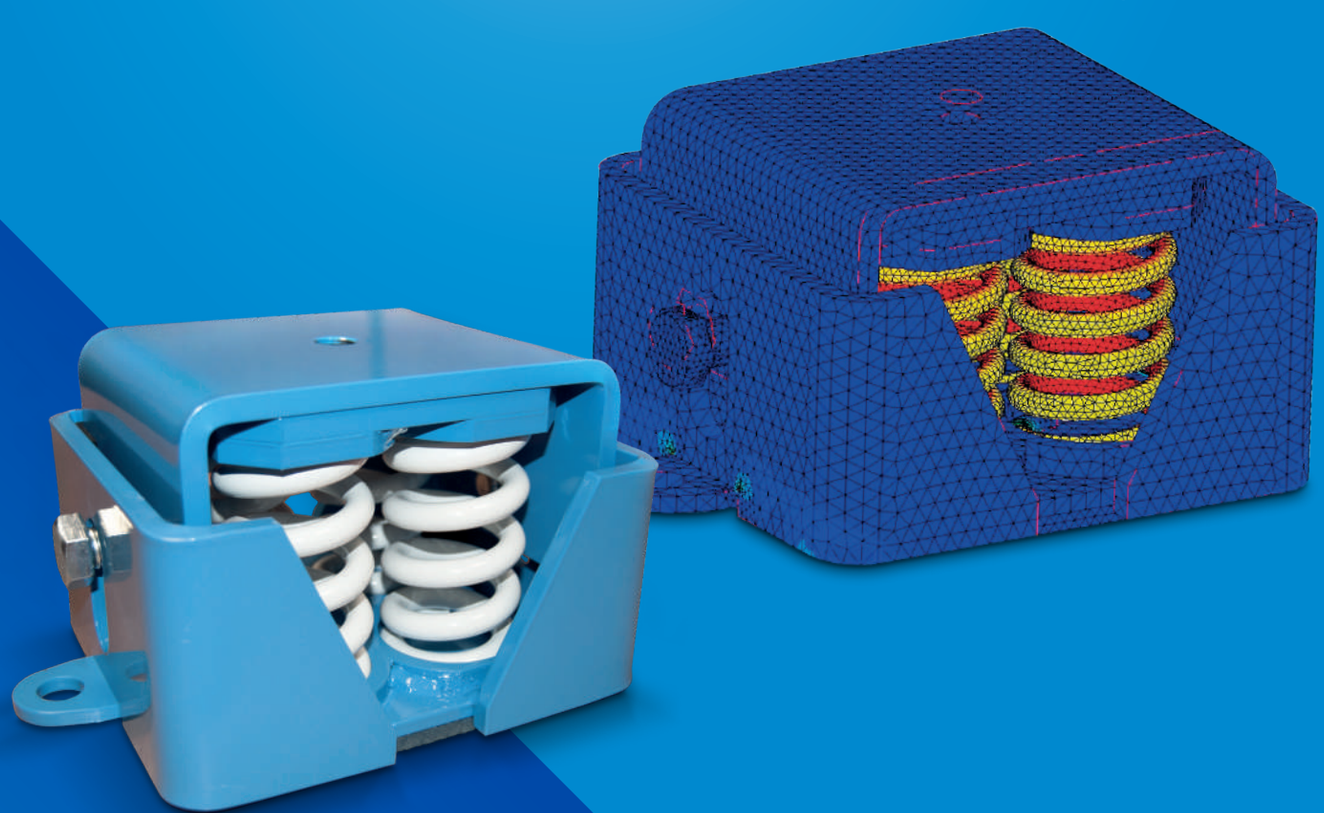


Anti-vibration calculation with more than one degree of freedom.

2. Design

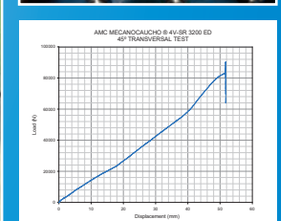
After studying each client's specific needs for the application and the isolation performance required, **AMC MECANOCAUCHO®** can design new products where conditions permit.

Tension tests by non linear FEM.



3D modelling of products

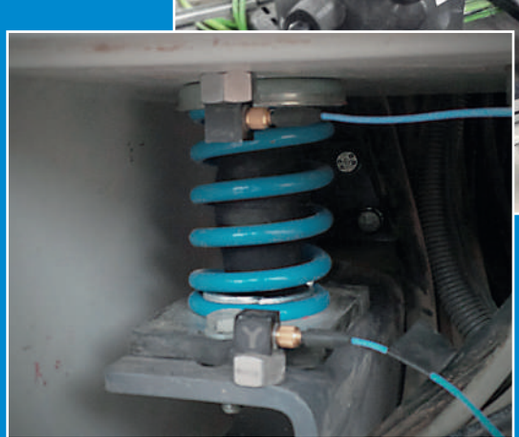
3. Test and dynamic characterisation



AMC MECANOCAUCHO® continuous development of new products demonstrates its support in R&D. Our laboratory is equipped with the most advanced dynamic testing equipment.

4. Vibration Measurement

Vibration Measurement



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

AMC
ENGINEERING

AMC
MECANOCAUCHO

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:

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

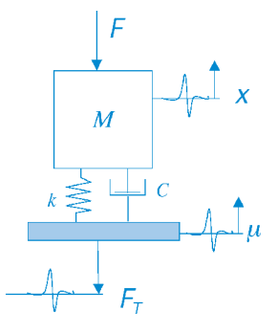


figure 3

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 $C \cong 0$

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 Cc is the critical damping and $\xi = \frac{C}{C_C}$ the damping coefficient.

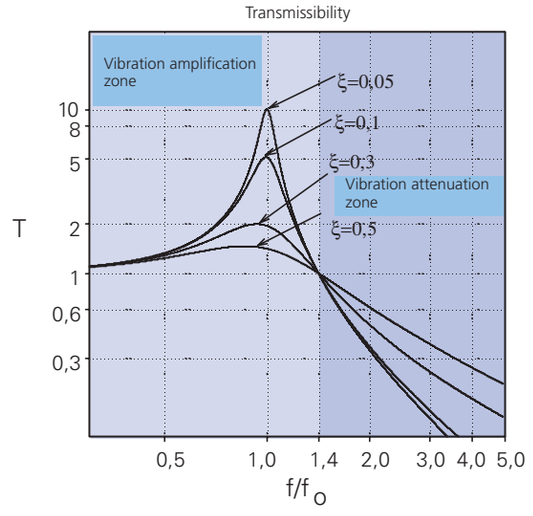
For this system we obtain a transmissibility T and a magnification factor A:

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

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

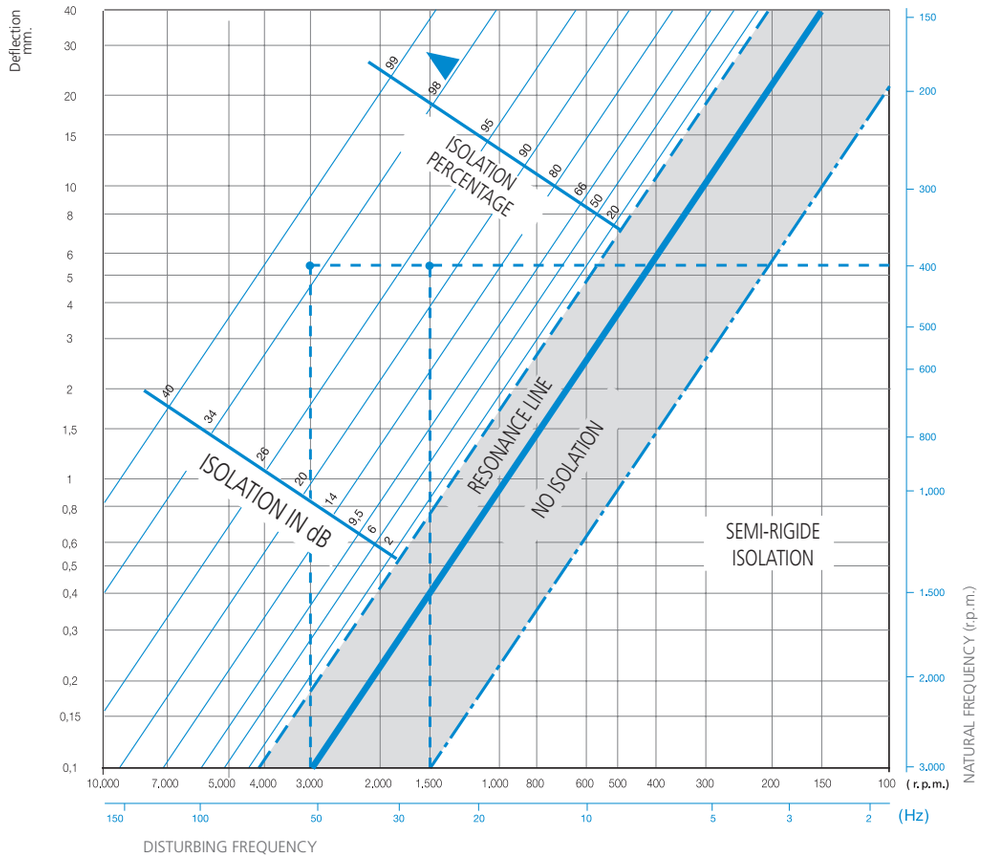
The metallic springs have very low damping. As we have mentioned previously, the metal spring coils, do not show any internal friction and therefore there is no energy dissipation through this phenomenon.

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 80ºC 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

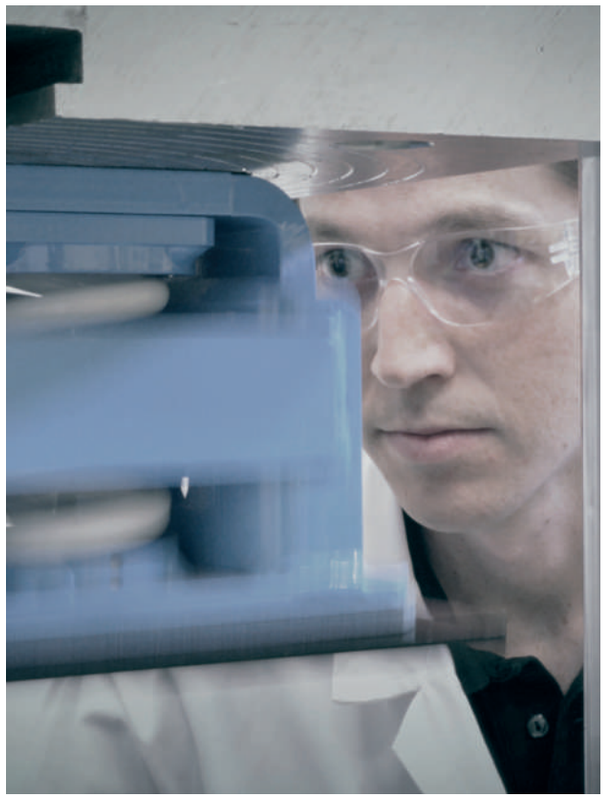


THEORY OF VIBRATION ISOLATION

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.

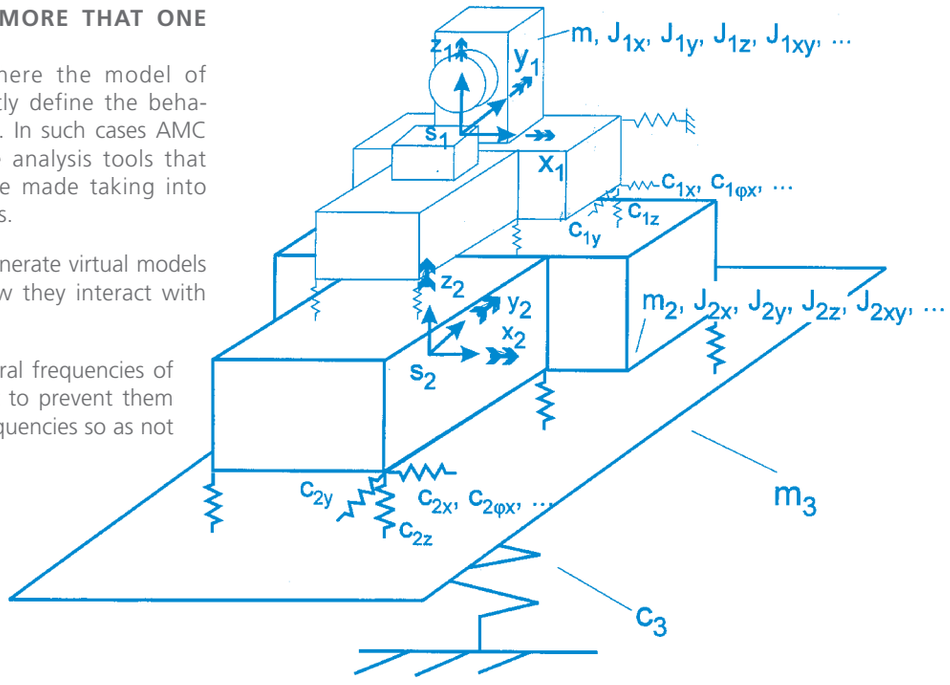


2.- ANALYSIS OF SYSTEMS OF MORE THAT ONE DEGREE OF FREEDOM

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.

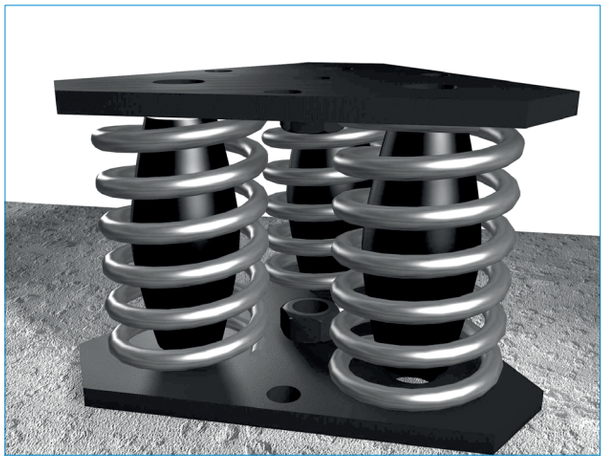
As a result, we can ascertain the natural frequencies of the system which are really important to prevent them from coinciding with the excitation frequencies so as not to have resonance problems.



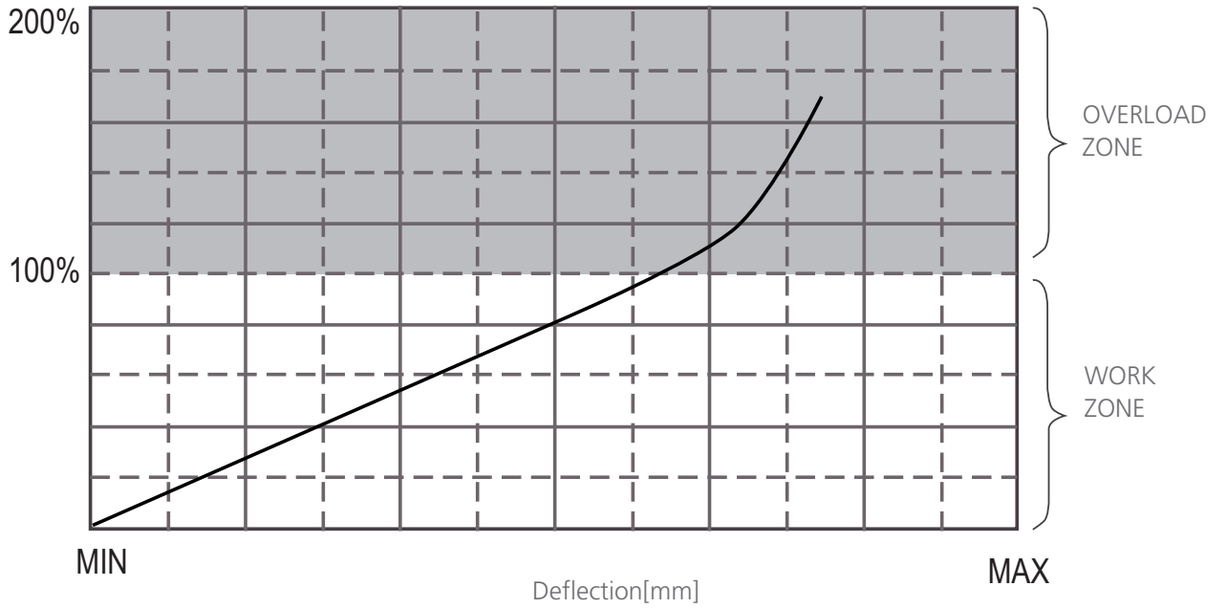
VIBRABSORBER MOUNT CHARACTERISTICS

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

by getzner + sylomer®

- 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

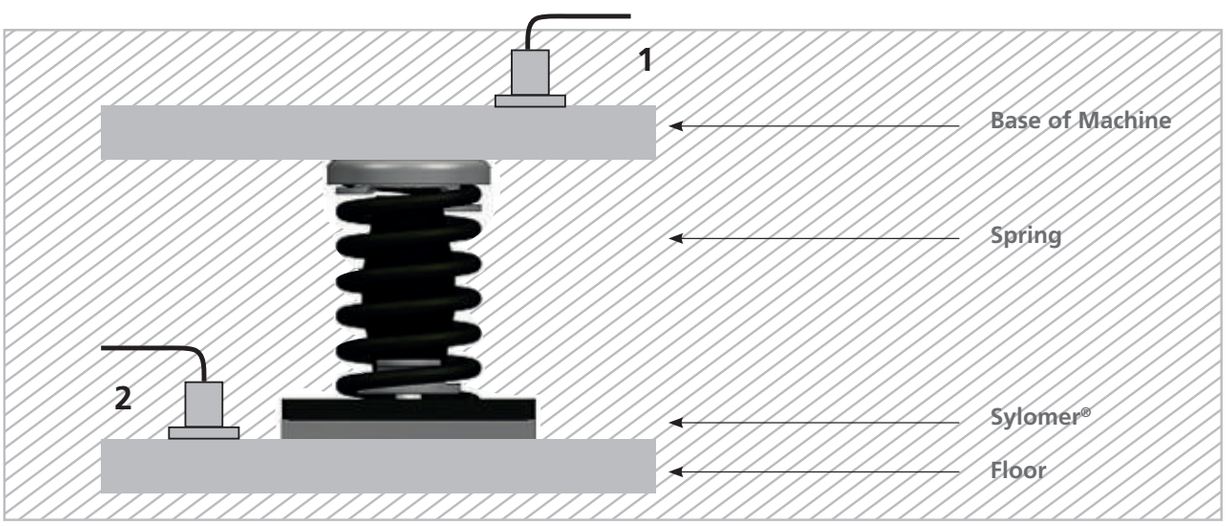
- **Reference of the Machine:**
  Refrigerator set Power 20Kw
- **Supports set:** 1 AMC 250 + Sylomer® P12
- **Measuring equipment:** FFT Pulse, Bruel & Kjaer multi analyser. The spectrums shown in the graphics demonstrate that they are within a frequency range of 0-1000Hz and 1600 lines, represent the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

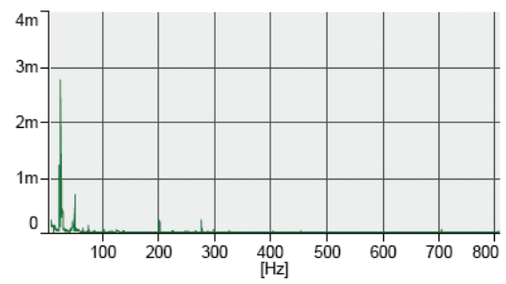
1. **Results on the Machine POINT 1:**
   The maximum vibration rms velocity is situated at 25Hz followed by another of lower magnitude at around 50 Hz. High frequency vibrations are also observed which correspond to harmonics and structural frequency responses from the machine.

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.

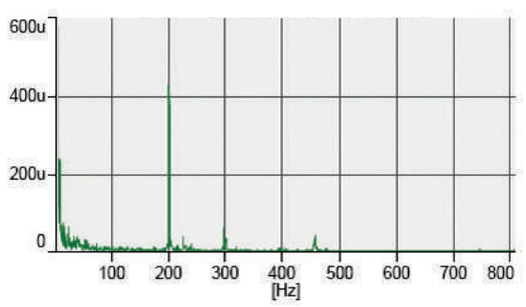
1. [m/s]

Autospectrum (Motor velocity) – Point 1
and Working: Point 6z: Input: FFT Analyzer



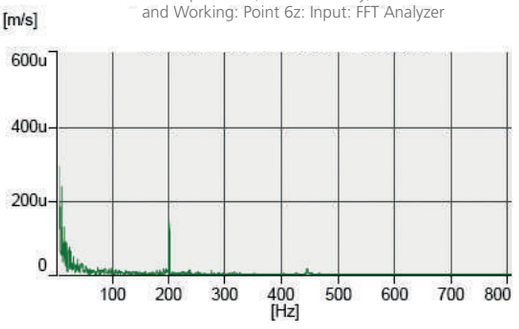
2. [m/s]

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 thr emission of structural noise.

Vibrabsorber
by getzner
+ sylomer®

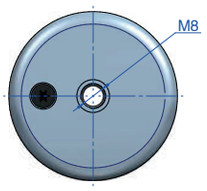
Vibrabsorber
by getzner
+ sylomer®

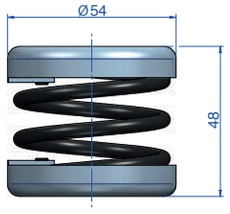
VIBRABSORBER
+ SYLOMER

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.

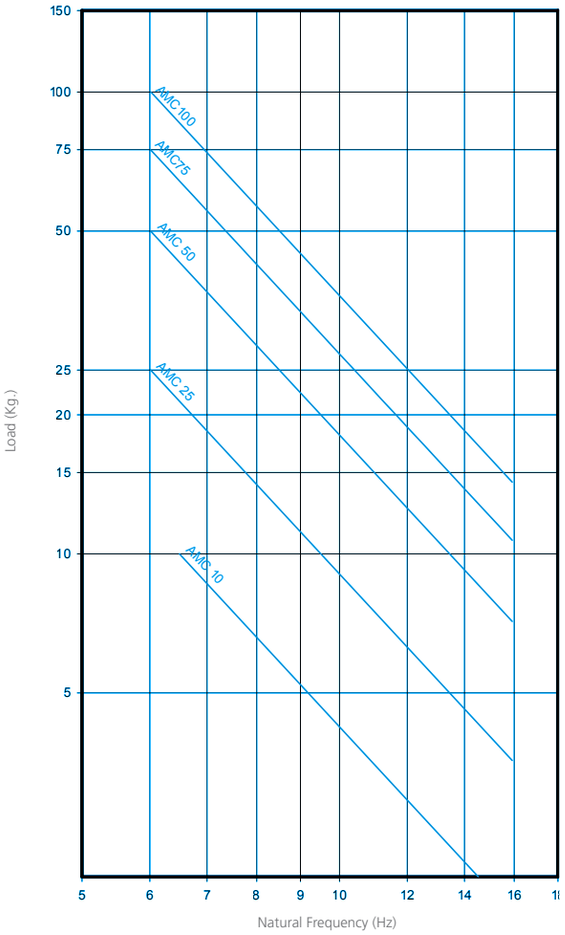
This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important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



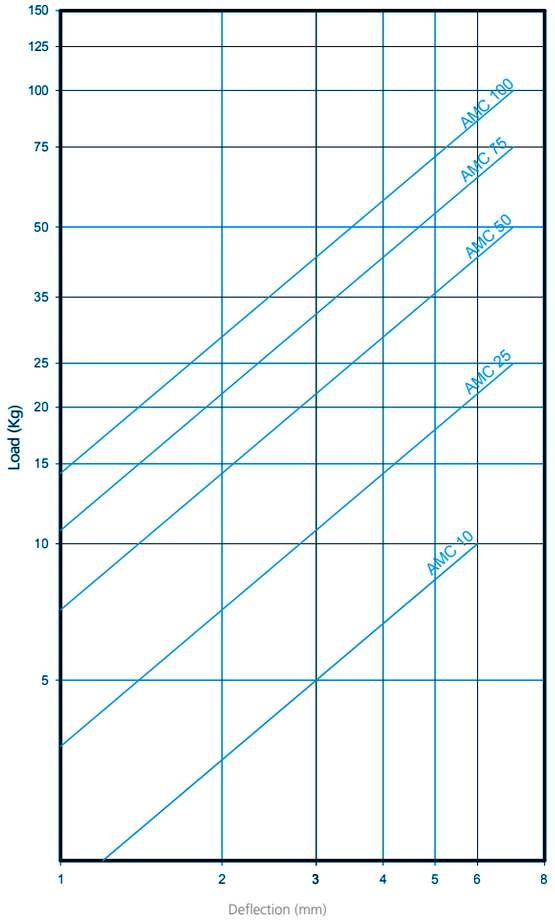


Type	Spring color	M	Max. Load (kg.)	**Code**	Weight (kg.)
AMC 10-B	BLACK	M-8	10	**20171**	0,2
AMC 25-B	BLACK	M-8	25	**20173**	0,205
AMC 50-B	BLACK	M-8	50	**20175**	0,254
AMC 75-B	BLACK	M-8	75	**20177**	0,26
AMC 100-B	BLACK	M-8	100	**20179**	0,29

DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® B SERIES



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® B SERIES

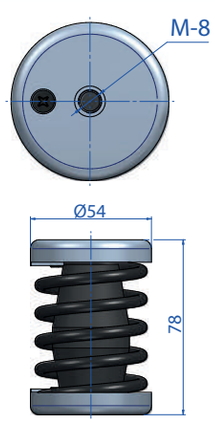
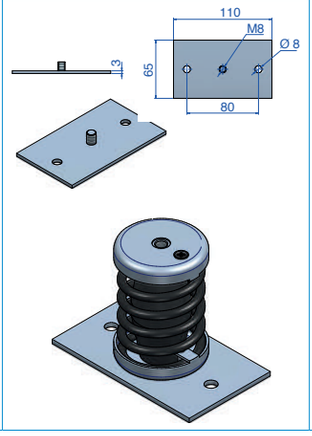
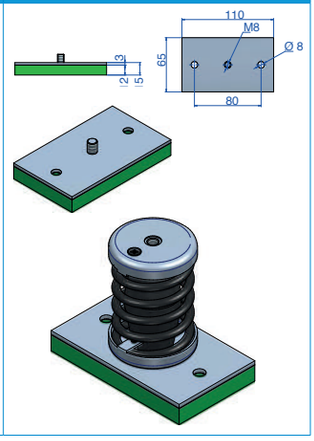


Medium Series

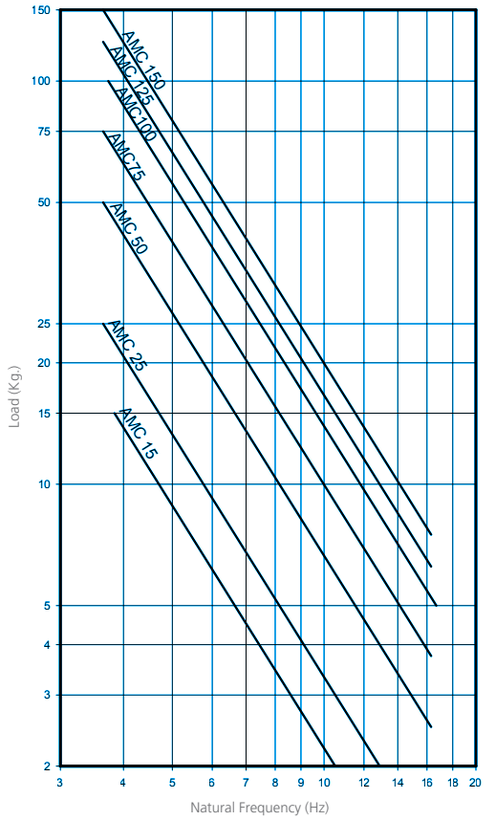
This is a range designed for the suspension of machinery operating at 500 rpm. The range of loads to be carried varies from 8 to 150 kg per support point.

Vibrabsorber

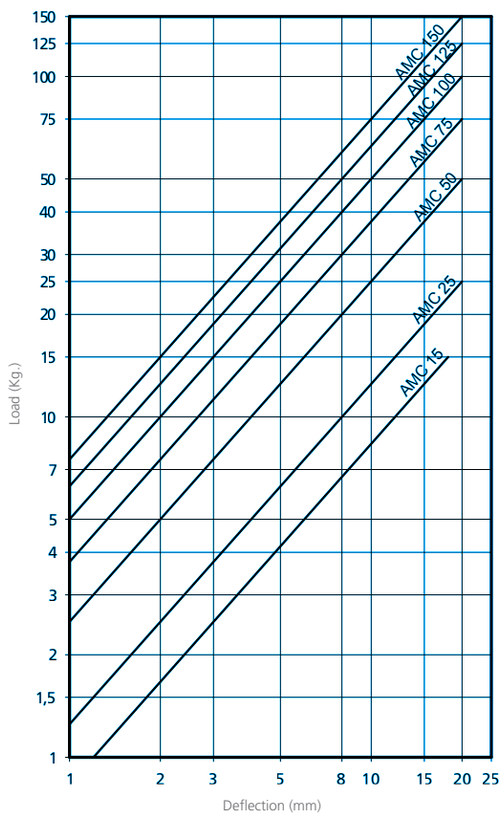
Type	Spring color	Max. Load (kg)	Weight (kg)	**Code**
AMC 15	BLACK	15	0,285	**20126**
AMC 25	BLACK	25	0,285	**20101**
AMC 50	BLUE	50	0,274	**20103**
AMC 75	GREY	75	0,298	**20105**
AMC 100	BEIGE	100	0,353	**20107**
AMC 125	WHITE	125	0,395	**20300**
AMC 150	BLACK	150	0,430	**20303**
Round rubber base	-	-	0,085	**20109**
Rectangular base	-	-	0,172	**612014**
Rectangular base+Sylomer®	-	-	0,200	**20106**

AMC15-150	Round rubber base	Rectangular base	Rectantgular base + Sylomer®
			

DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® MEDIUM SERIES



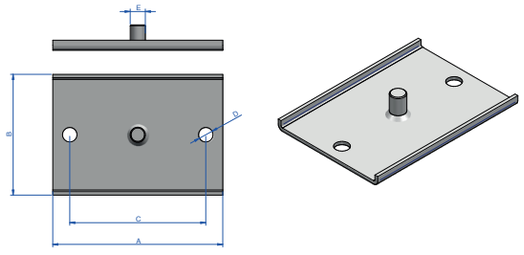
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® MEDIUM SERIES



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.

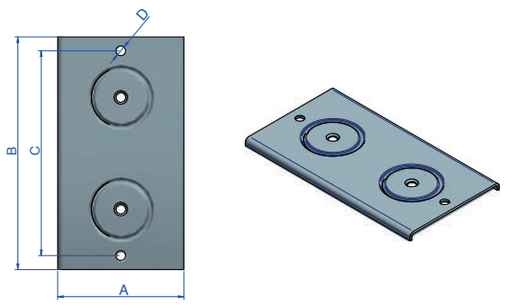
1AMC



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**	0,341

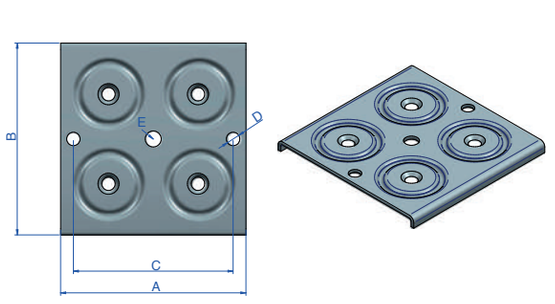
2AMC

Type	A (mm.)	B (mm.)	C (mm.)	D (mm.)	Code	Weight (kg.)
Ø75	230	105	200	10,5	**612029**	0,64
Ø90	260	125	230	10,5	**612031**	0,791



4AMC

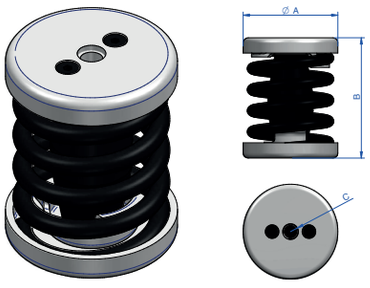
Type	A (mm.)	B (mm.)	C (mm.)	D (mm.)	M	Code	Weight (kg.)
Ø75	210	205	186	10,5	M-16	**612032**	1,07
Ø90	250	230	230	10,5	M-16	**612033**	1,44
M12x25 Screw DIN7991 Allen						**611278**	0,026



1 AMC Dual cup

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

Vibrabsorber

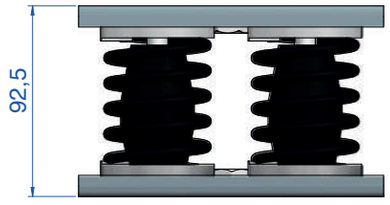


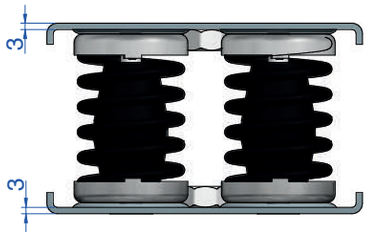
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	Max. Load (kg.)	Code	Weight (kg.)
150	75	116	BLACK	M-12	150	**20309**	1,102
200	75	116	BLUE	M-12	200	**20310**	1,138
250	75	116	WHITE	M-12	250	**20320**	1,225
350	75	116	BLACK	M-12	350	**20330**	1,392
500	90	116	CREAM	M-12	500	**20340**	2,56
750	90	116	LIGHT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

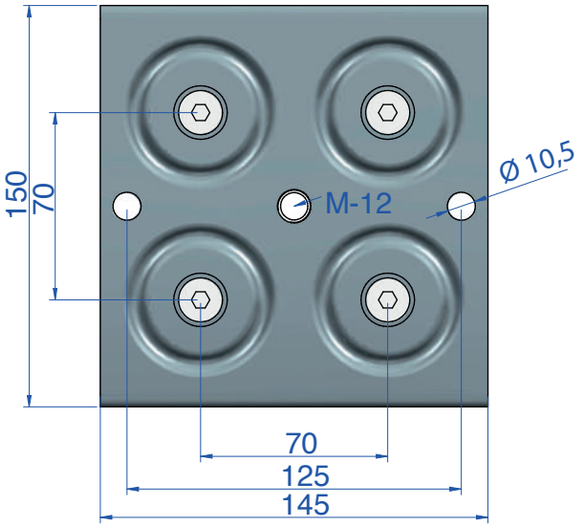
4 AMC T

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	LOAD Kg. MIN	LOAD Kg. MAX	**Code**	Weight (kg.)
4 AMC T-1	BLACK	40	100	**20011**	6,423
4 AMC T-2	BLUE	100	200	**20012**	6,645
4 AMC T-3	GREY	200	300	**20013**	6,899
4 AMC T-4	BEIGE	300	400	**20014**	6,954
4 AMC T-5	WHITE	400	500	**20015**	7,122





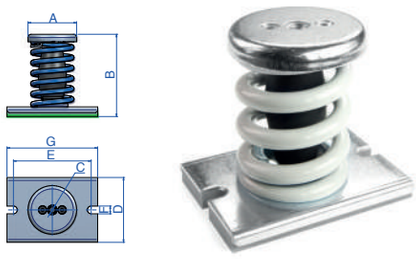


1 AMC

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 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.

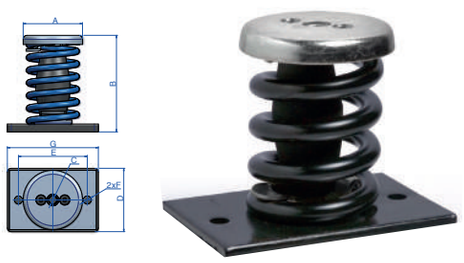
Vibrabsorber + sylomer® by getzner

Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	Max. Load (kg.)	Code	Weight (kg.)
1 AMC 150 +Sylomer®	75	127	BLUE	M-12	100	120	12	140	150	**20371**	1,102
1 AMC 200 +Sylomer®	75	127	WHITE	M-12	100	120	12	140	200	**20372**	1,138
1 AMC 250 +Sylomer®	75	127	BLACK	M-12	100	120	12	140	250	**20373**	1,225
1 AMC 350 +Sylomer®	75	127	CREAM	M-12	100	120	12	140	350	**20374**	1,392
1 AMC 500 +Sylomer®	93	127	LIGHT GREY	M-14	100	120	12	140	500	**20375**	2,56
1 AMC 750 +Sylomer®	93	127	GREEN	M-14	100	120	12	140	750	**20376**	3,036

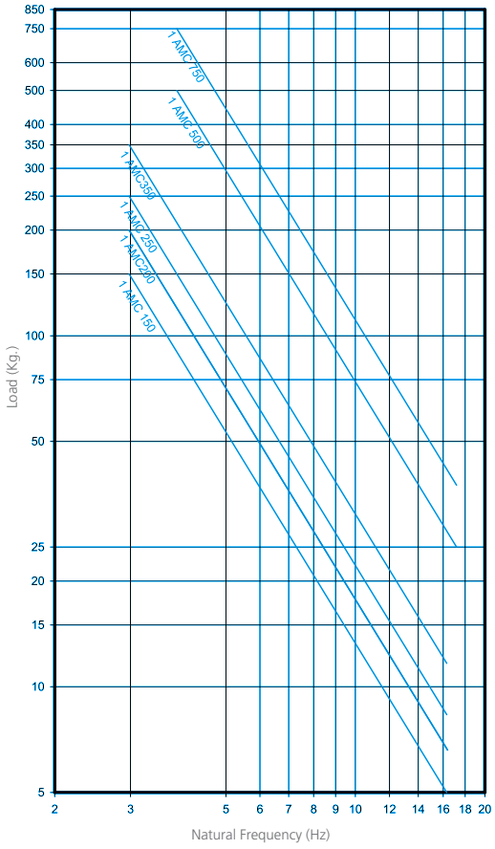


Vibrabsorber

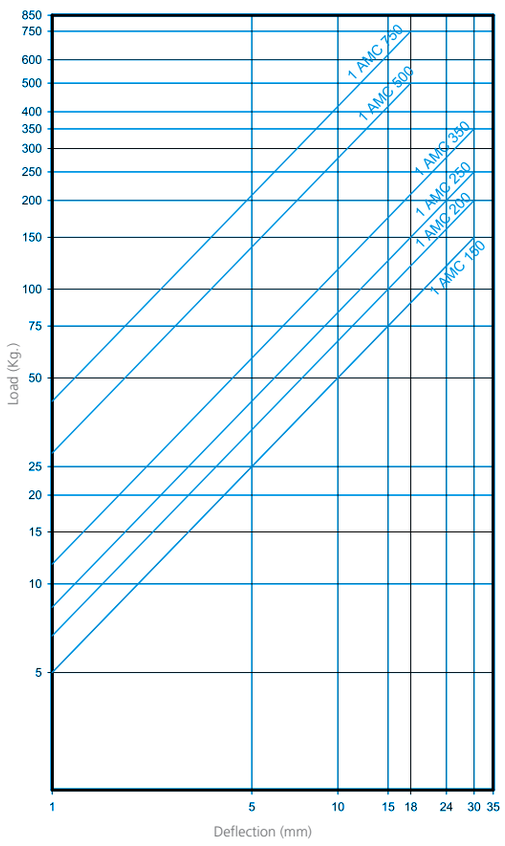
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	Max. Load (kg.)	Code	Weight (kg.)
1 AMC 150	75	122	BLUE	M-12	80	87	10	115	150	**20301**	1,102
1 AMC 200	75	122	WHITE	M-12	80	87	10	115	200	**20311**	1,138
1 AMC 250	75	122	BLACK	M-12	80	87	10	115	250	**20321**	1,225
1 AMC 350	75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



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 1 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC

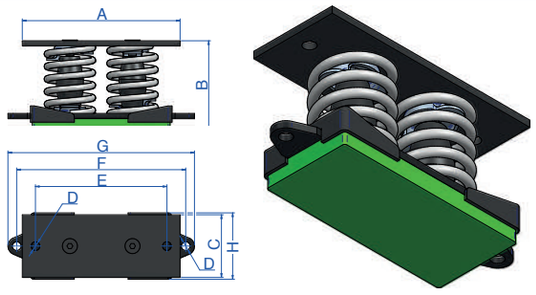


2 AMC

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.

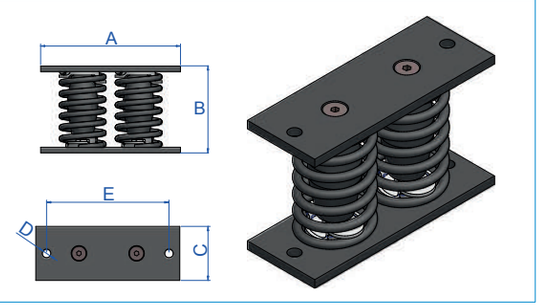
Vibrabsorber + sylomer®

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

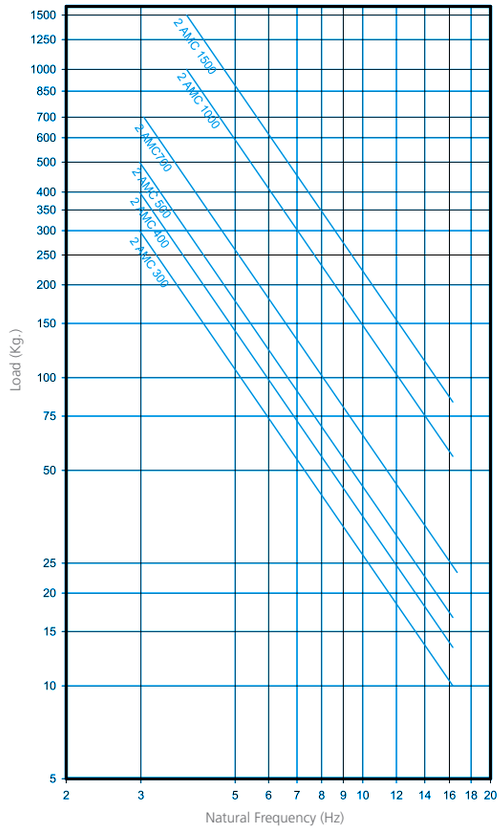


Vibrabsorber

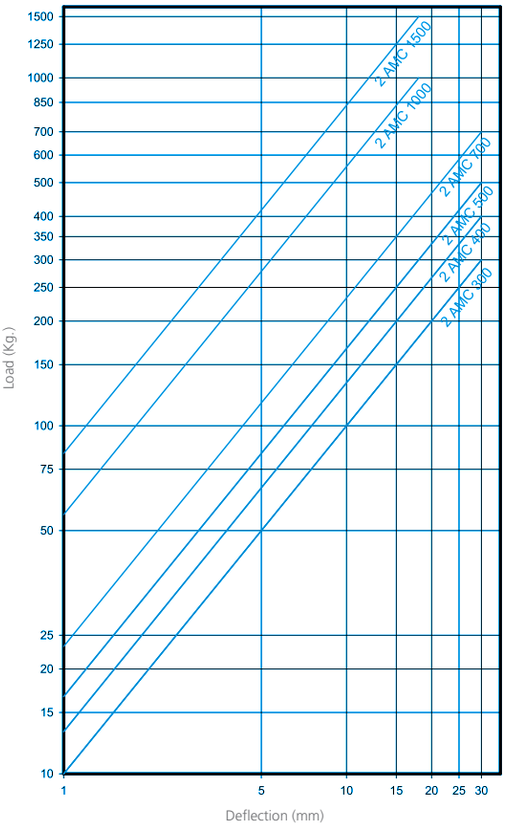
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	Max. Load (kg.)	Code	Weight (kg.)
2 AMC 300	200	124	BLUE	75	12	170	300	**20401**	3,1
2 AMC 400	200	124	WHITE	75	12	170	400	**20411**	3,172
2 AMC 500	200	124	BLACK	75	12	170	500	**20421**	3,348
2 AMC 700	200	124	CREAM	75	12	170	700	**20431**	3,7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



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 2 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC

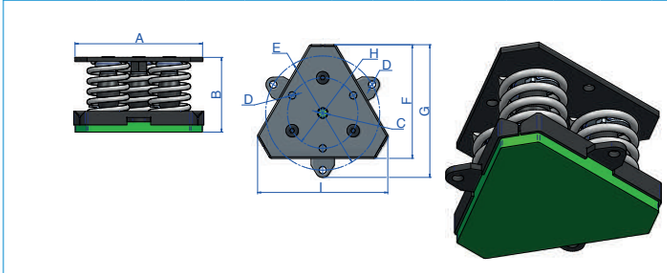


3 AMC

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.

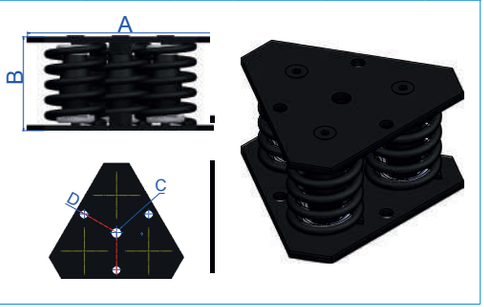
Vibrabsorber + sylomer® by getzner

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

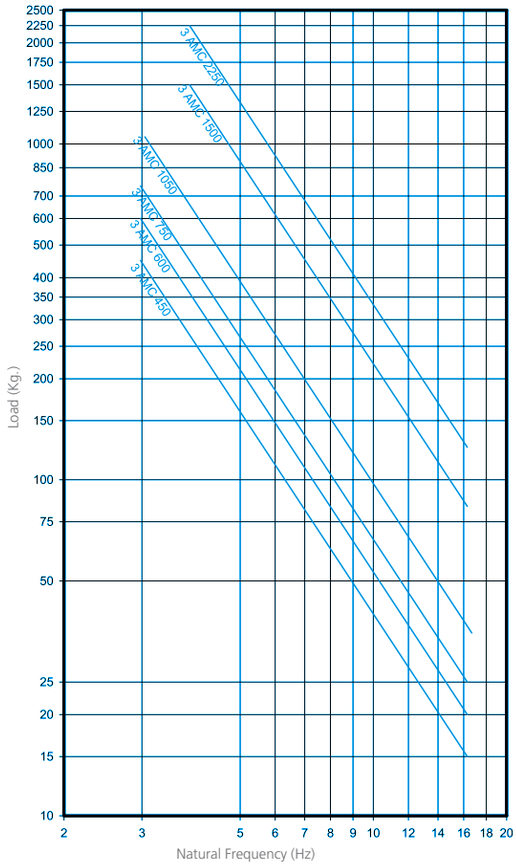


Vibrabsorber

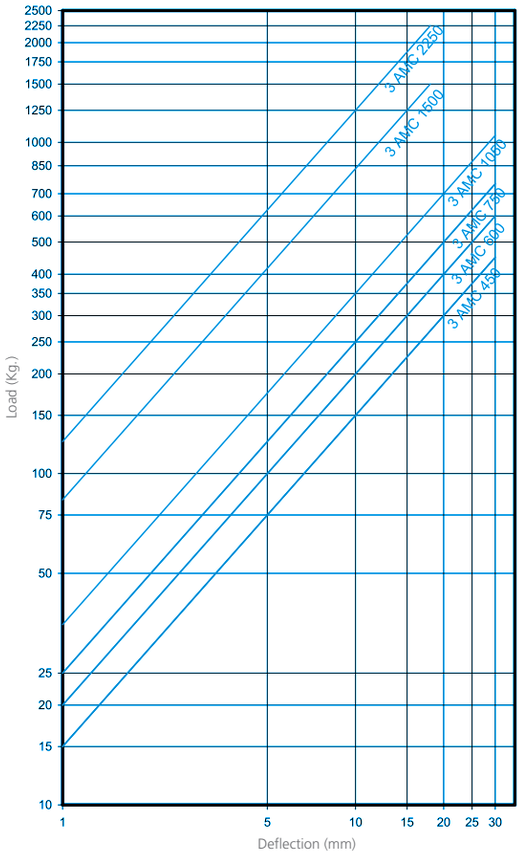
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	Max. Load (kg.)	Code	Weight (kg.)
3 AMC 450	196,3	124	BLUE	M-16	12	450	**20501**	4,6
3 AMC 600	196,3	124	WHITE	M-16	12	600	**20511**	4,714
3 AMC 750	196,3	124	BLACK	M-16	12	750	**20521**	4,978
3 AMC 1050	196,3	124	CREAM	M-16	12	1050	**20531**	5,524
3 AMC 1500	242	124	LIGHT GREY	M-20	14	1500	**20541**	8,564
3 AMC 2250	242	124	GREEN	M-20	14	2250	**20551**	9,964



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO®3 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 3 AMC

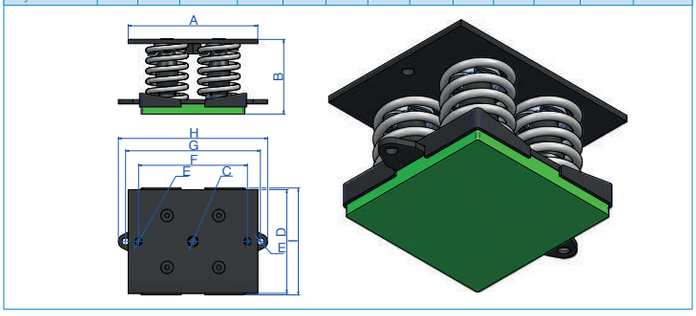


4 AMC

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.

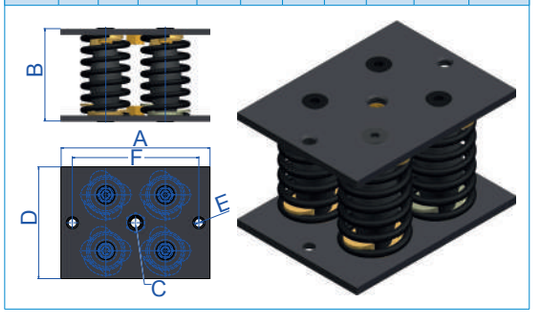
Vibrabsorber + sylomer®

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

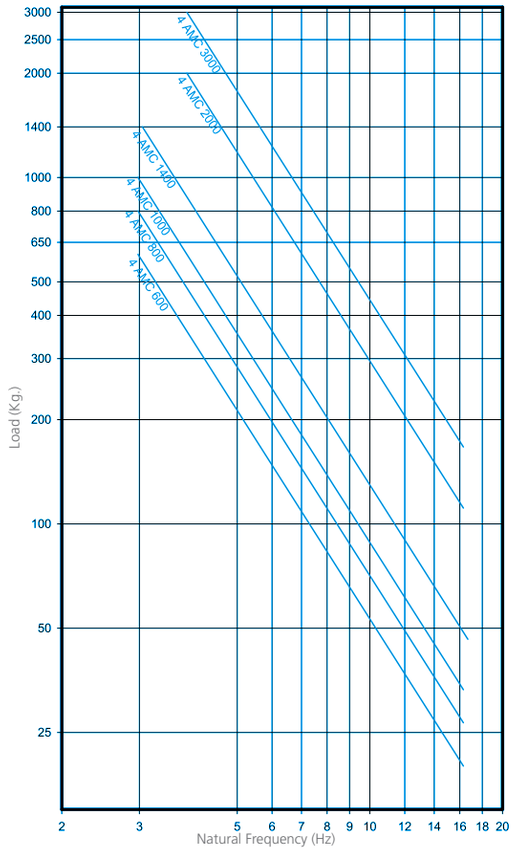


Vibrabsorber

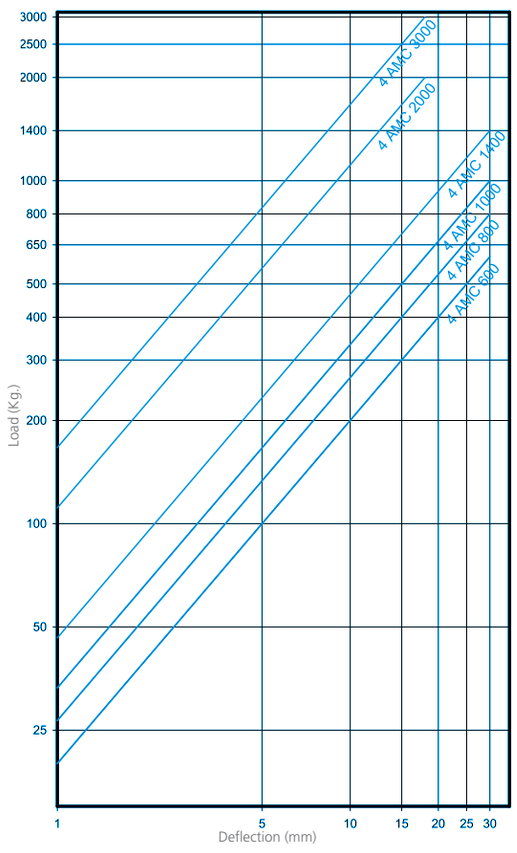
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	Max. Load (kg.)	Code	Weight (kg.)
4 AMC 600	200	124	BLUE	M-16	150	12	170	600	**20601**	6,412
4 AMC 800	200	124	WHITE	M-16	150	12	170	800	**20611**	6,572
4 AMC 1000	200	124	BLACK	M-16	150	12	170	1000	**20621**	6,7
4 AMC 1400	200	124	CREAM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



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 4 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC



5 AMC

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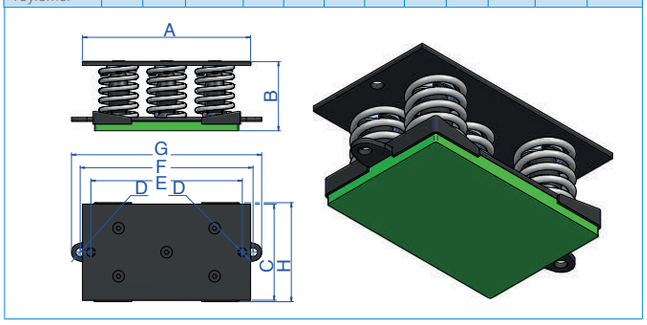
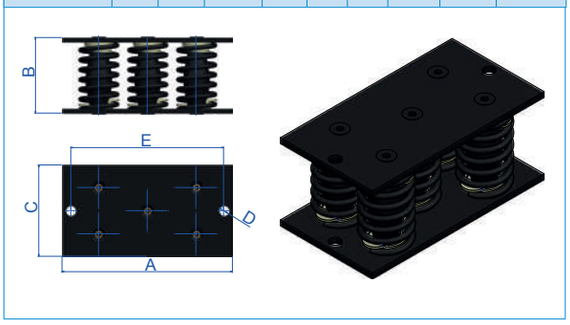
Vibrabsorber + sylomer® by getzner

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

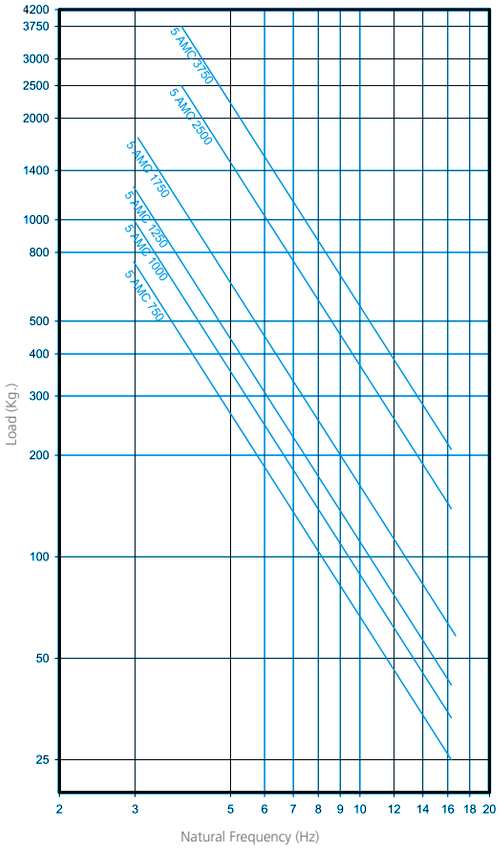


Vibrabsorber

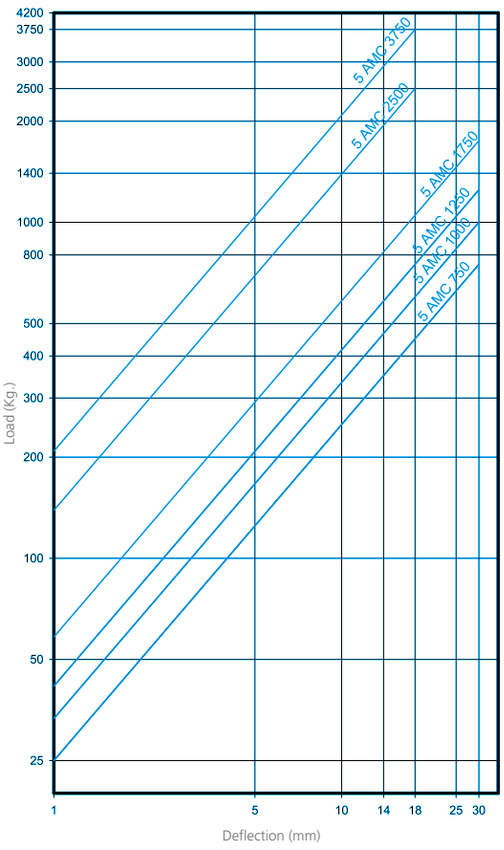
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	Max. Load (kg.)	Code	Weight (kg.)
5 AMC 750	280	124	BLUE	150	16	251	750	**20701**	8,502
5 AMC 1.000	280	124	WHITE	150	16	251	1000	**20711**	8,692
5 AMC 1.250	280	124	BLACK	150	16	251	1250	**20721**	9,162
5 AMC 1.750	280	124	CREAM	150	16	251	1750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



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 5 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5 AMC

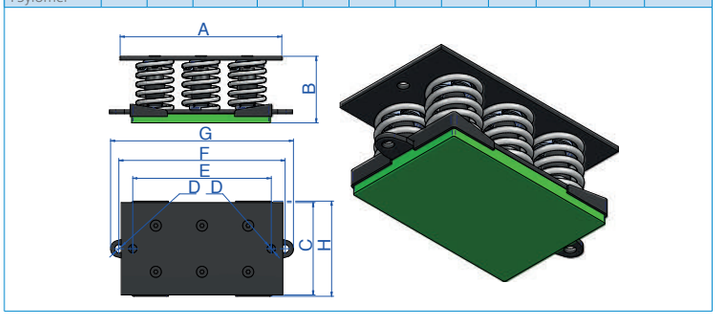


6 AMC

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.

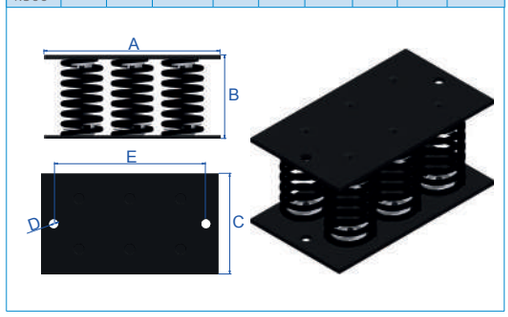
Vibrabsorber + sylomer®

Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	Max. Load (kg.)	Code	Weight (kg.)
6 AMC 900 +Sylomer®	280	136	BLUE	150	16	248	290	322	156	900	**20871**	8,928
6 AMC 1200 +Sylomer®	280	136	WHITE	150	16	248	290	322	156	1200	**20872**	9,156
6 AMC 1500 +Sylomer®	280	136	BLACK	150	16	248	290	322	156	1500	**20873**	9,684
6 AMC 2100 +Sylomer®	280	136	CREAM	150	16	248	290	322	156	2100	**20874**	10,77
6 AMC 3000 +Sylomer®	350	136	LIGHT GREY	200	18	300	360	396	206	3000	**20875**	16,848
6 AMC 4500 +Sylomer®	350	136	GREEN	200	18	300	360	396	206	4500	**20876**	19,656

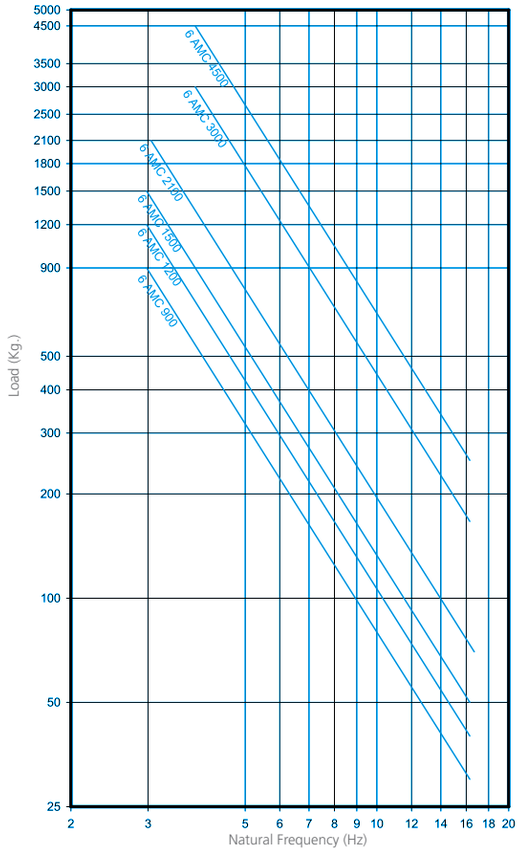


Vibrabsorber

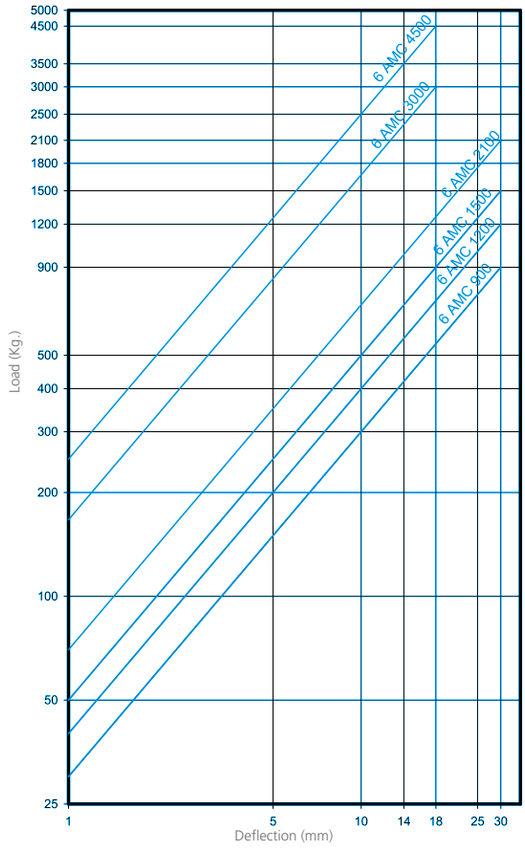
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	H (mm.)	Max. Load (kg.)	Code	Weight (kg.)
6 AMC 900	280	124	BLUE	150	16	251	900	**20801**	8,928
6 AMC 1.200	280	124	WHITE	150	16	251	1200	**20811**	9,156
6 AMC 1.500	280	124	BLACK	150	16	251	1500	**20821**	9,684
6 AMC 2.100	280	124	CREAM	150	16	251	2100	**20831**	10,77
6 AMC 3.000	350	124	LIGHT GREY	200	18	300	3000	**20841**	16,848
6 AMC 4.500	350	124	GREEN	200	18	300	4500	**20851**	19,656



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 6 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC

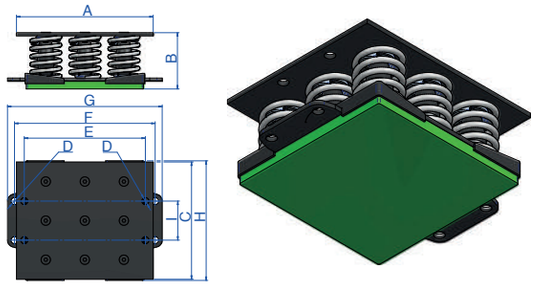


9 AMC

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.

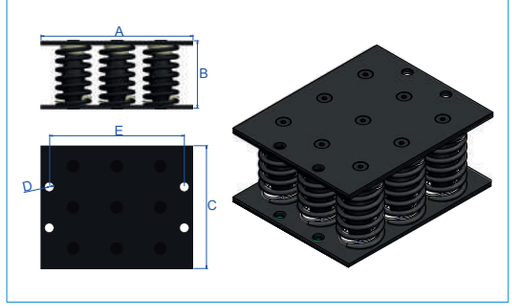
Vibrabsorber + sylomer®

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

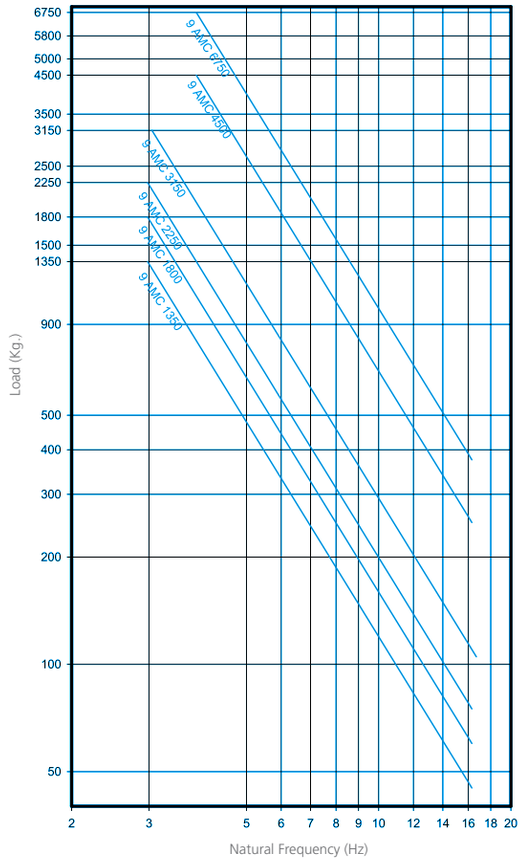


Vibrabsorber

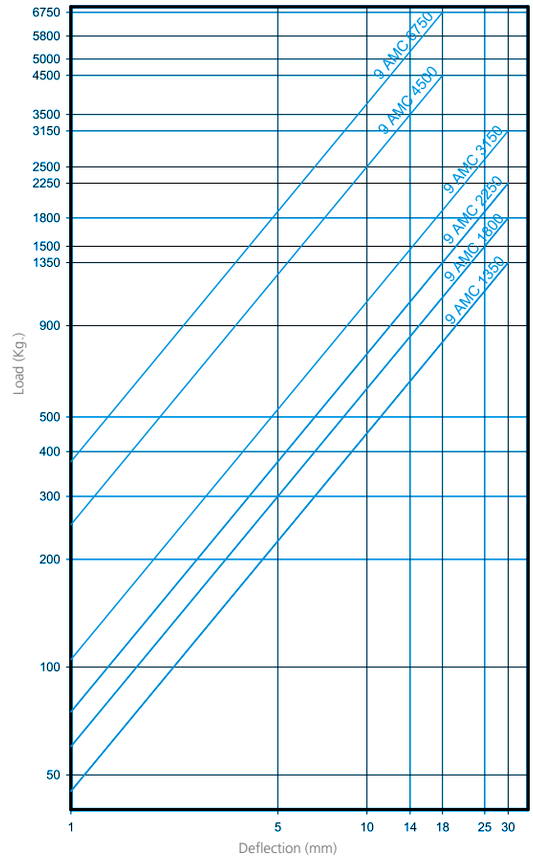
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	Max. Load (kg.)	Code	Weight (kg.)
9 AMC 1.350	280	124	BLUE	226	16	248	1350	**20901**	13,702
9 AMC 1.800	280	124	WHITE	226	16	248	1800	**20911**	14,044
9 AMC 2.250	280	124	BLACK	226	16	248	2250	**20921**	14,836
9 AMC 3.150	280	124	CREAM	226	16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



DYNAMIC NATURAL FREQUENCY RANGE
AMC -MECANOCAUCHO® 9 AMC



LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO 9 AMC

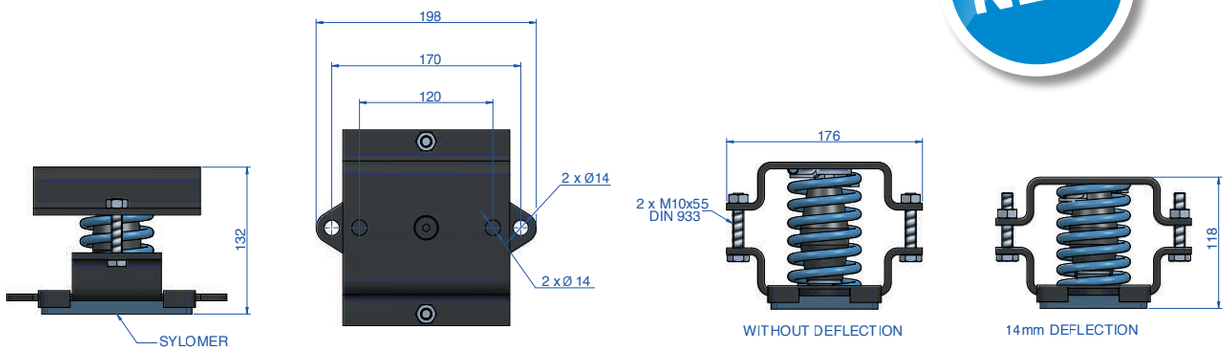


PS+SYLOMER® SPRING-MOUNTS

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.

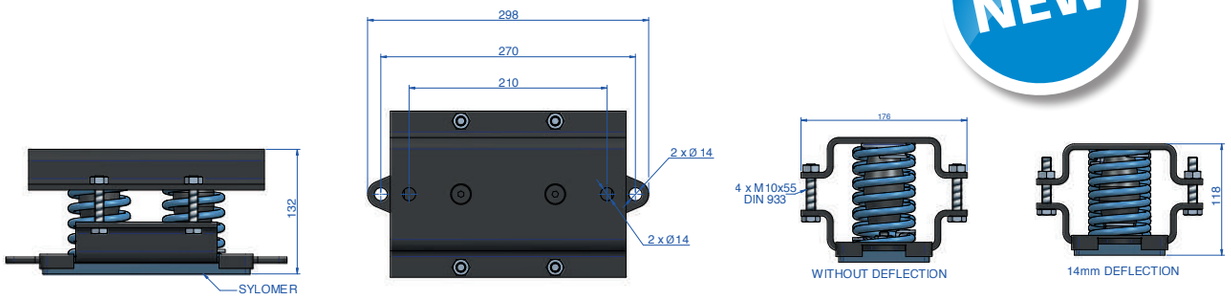
The AMC-MECANOCAUCHO® type Vibrabsorber PS+Sylomer® are ideal for stationary applications where the anti-vibration mount must not exceed a certain height either for the installation or during the maintenance of the machine when liquids are extracted and the mount must not exceed a certain height. Thanks 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

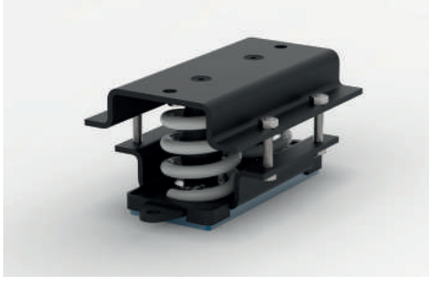


Type	Spring color	Max. Load (kg)	Weight (kg)	Code
1 AMC 150	BLUE	150	1,138	**20522**
1 AMC 200	WHITE	200	1,138	**20523**
1 AMC 250	BLACK	250	1,138	**20524**
1 AMC 350	CREAM	350	1,138	**20525**
1 AMC 500	LIGHT GREY	500	1,138	**20526**
1 AMC 750	GREEN	750	1,138	**20527**

Ps+Sylomer® 2 AMC Preload

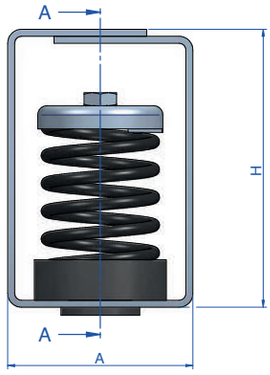


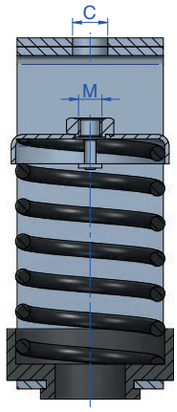
Type	Spring color	Max. Load (kg)	Weight (kg)	Code
2 AMC 300	BLUE	300	6,7	**20532**
2 AMC 400	WHITE	400	6,8	**20533**
2 AMC 500	BLACK	500	7	**20534**
2 AMC 700	CREAM	700	7,2	**20535**
2 AMC 1000	LIGHT GREY	1000	7,8	**20536**
2 AMC 1500	GREEN	1500	8,3	**20537**

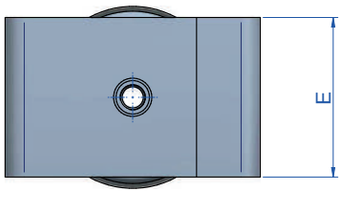


VT

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 incorporase rubber bush concieved 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.



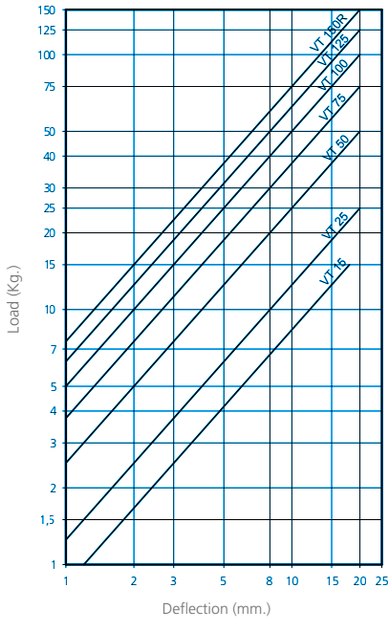




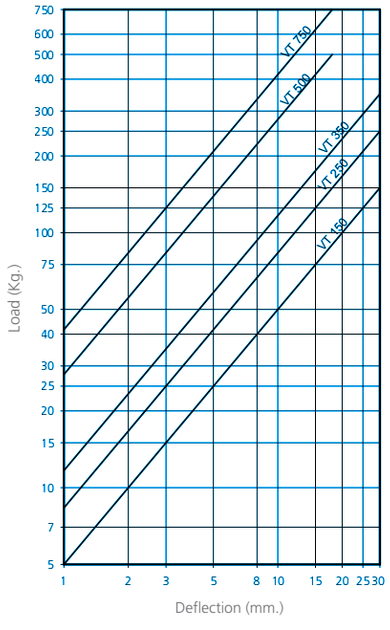
Type	MAX PERMANENT LOAD	Spring color	A (mm)	C (mm)	D (mm)	H (mm)	M	Weight (kg)	Code
VT 15	15	BLACK	80	12	50	120	M-8	0,71	**20200**
VT 25	25	BLACK	80	12	50	120	M-8	0,71	**20201**
VT 50	50	BLUE	80	12	50	120	M-8	0,7	**20202**
VT 75	75	GREY	80	12	50	120	M-8	0,72	**20203**
VT 100	100	BEIGE	80	12	50	120	M-8	0,778	**20204**
VT 125	125	WHITE	80	12	50	120	M-8	1,102	**20211**
VT 150R	150	BLACK	80	12	50	120	M-8	0,77	**20224**
VT 150	150	BLUE	120	16	80	160	M-12	2,035	**20205**
VT 200	200	WHITE	120	16	80	160	M-12	2,072	**20210**
VT 250	250	BLACK	120	16	80	160	M-12	2,148	**20206**
VT 350	350	CREAM	120	16	80	160	M-12	2,33	**20207**
VT 500	500	LIGHT GREY	140	16	100	180	M-14	4,785	**20208**
VT 750	750	GREEN	140	16	100	180	M-14	5,249	**20209**

NEW

LOAD DEFLECTIONCURVES
VT 15 - VT 150R HANGERS



LOAD DEFLECTION CURVES
VT 150 - VT 750 HANGERS

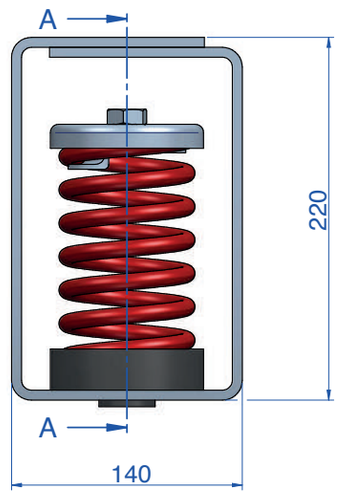


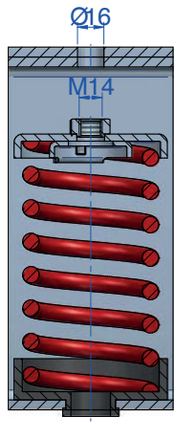
VT-HD

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.

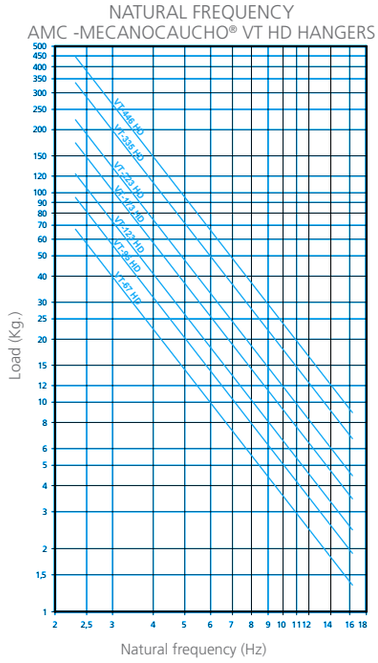




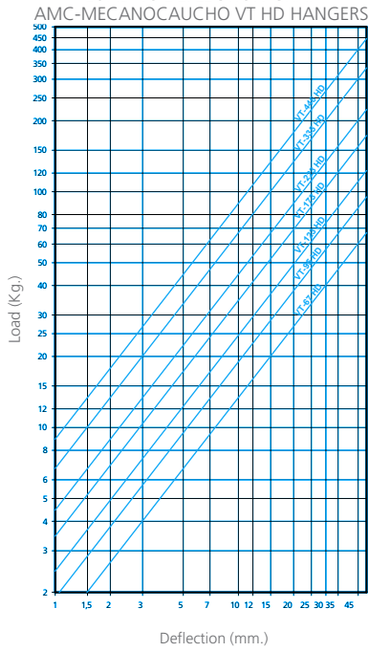
SECTION A-A

Type	MAX PERMANENT LOAD	Spring color	DEFLECTION mm	Code
VT-67 HD	67	BLUE	50	**20235**
VT-95 HD	95	WHITE	50	**20239**
VT-123 HD	123	BLACK	50	**20236**
VT-173 HD	173	BEIGE	50	**20240**
VT-223 HD	223	RED	50	**20237**
VT-335 HD	335	GREY	50	**20241**
VT-446 HD	446	GREEN	50	**20238**

NATURAL FREQUENCY
AMC -MECANOCAUCHO® VT HD HANGERS



LOAD VS DEFLECTION GRAP
AMC-MECANOCAUCHO VT HD HANGERS



V-SH

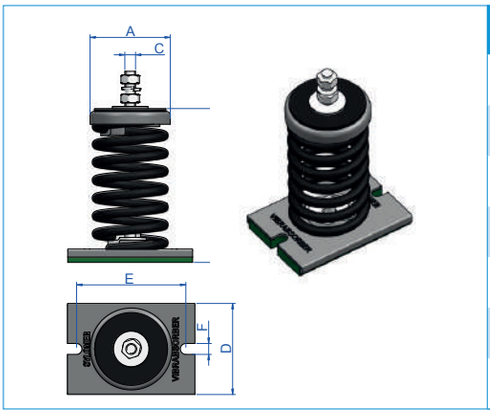
The V-SH spring mounts are able to reach low natural frequencies from 2 to 5 Hz. The spring combined with sylomer® is able to provide high isolation at low and medium frequencies.

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

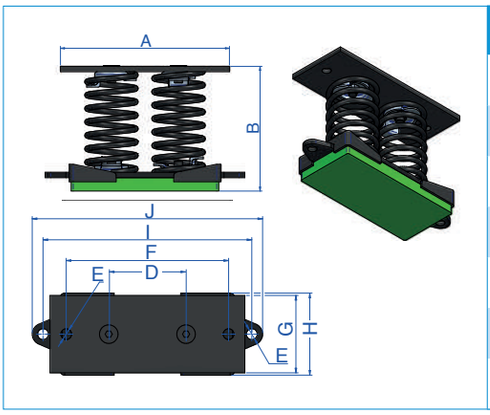
This range of mounts comprises:

- 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.

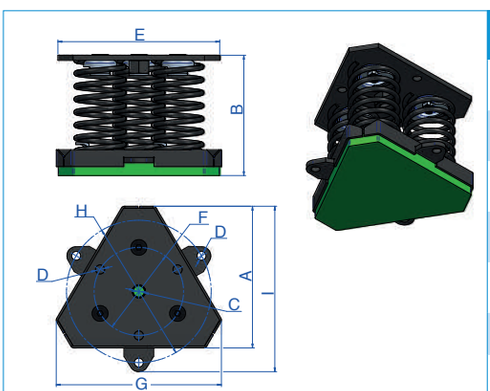
V-SH
Natural Frequency 2 to 5 Hz



Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	Load (kg.)	Code	Weight (kg.)
V-SH 67	93	173	BLUE	M12	98,5	120	12	67	**20397**	1,48
V-SH 95	93	173	WHITE	M12	98,5	120	12	95	**20465**	1,53
V-SH 123	93	173	BLACK	M12	98,5	120	12	123	**20398**	1,56
V-SH 173	93	173	BEIGE	M12	98,5	120	12	173	**20466**	1,65
V-SH 223	93	173	RED	M12	98,5	120	12	223	**20399**	2,01
V-SH 335	93	173	GREY	M12	98,5	120	12	335	**20467**	2,32
V-SH 446	93	173	GREEN	M12	98,5	120	12	446	**20400**	2,52

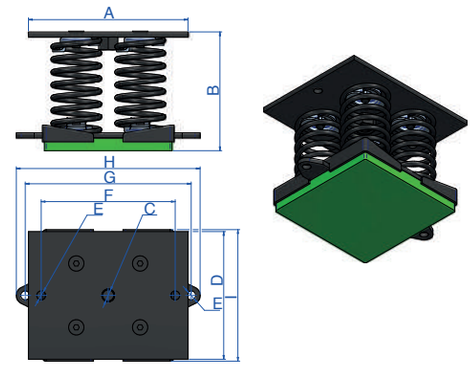


Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	J (mm.)	Load (kg.)	Code	Weight (kg.)
2V-SH 134	250	180	BLUE	100	14	210	100	106	270	298	134	**20405**	5,03
2V-SH 190	250	180	WHITE	100	14	210	100	106	270	298	190	**21010**	5,15
2V-SH 246	250	180	BLACK	100	14	210	100	106	270	298	226	**20406**	5,20
2V-SH 346	250	180	BEIGE	100	14	210	100	106	270	298	346	**21011**	5,38
2V-SH 446	250	180	RED	100	14	210	100	106	270	298	446	**20407**	6,12
2V-SH 670	250	180	GREY	100	14	210	100	106	270	298	670	**21012**	6,52
2V-SH 892	250	180	GREEN	100	14	210	100	106	270	298	892	**20408**	7,05

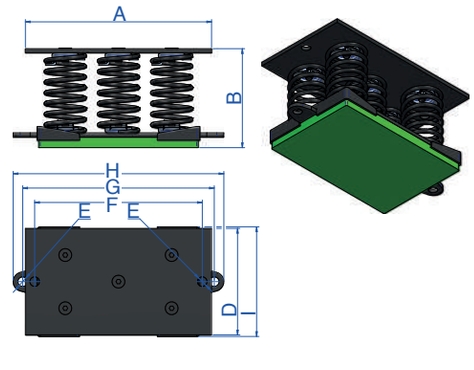


Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
3V-SH 201	219	180	BLUE	M20	14	246	136	251	**220**	255,7	201	**21020**	7,55
3V-SH 285	219	180	WHITE	M20	14	246	136	251	**220**	255,7	285	**21021**	7,72
3V-SH 369	219	180	BLACK	M20	14	246	136	251	**220**	255,7	369	**21022**	7,79
3V-SH 519	219	180	BEIGE	M20	14	246	136	251	**220**	255,7	519	**21023**	8,06
3V-SH 669	219	180	RED	M20	14	246	136	251	**220**	255,7	669	**21024**	9,17
3V-SH 1005	219	180	GREY	M20	14	246	136	251	220	255,7	1005	**21025**	9,77
3V-SH 1338	219	180	GREEN	M20	14	246	136	251	220	255,7	1338	**21026**	10,57

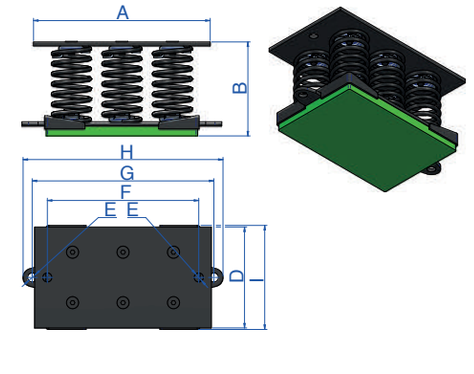
V-SH
Natural Frequency 2 to 5 Hz



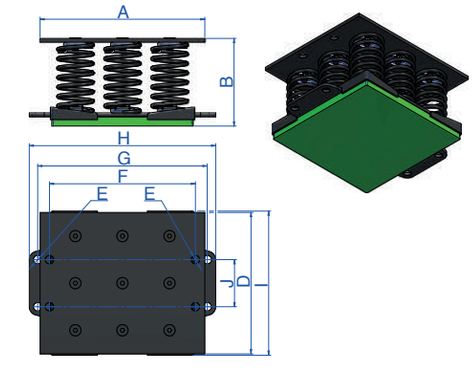
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
4V-SH 268	250	180	BLUE	M20	200	14	210	260	288	206	268	**21030**	11,15
4V-SH 380	250	180	WHITE	M20	200	14	210	260	288	206	380	**21031**	11,95
4V-SH 492	250	180	BLACK	M20	200	14	210	260	288	206	492	**21032**	12,2
4V-SH 692	250	180	BEIGE	M20	200	14	210	260	288	206	692	**21033**	12,49
4V-SH 892	250	180	RED	M20	200	14	210	260	288	206	892	**21034**	12,72
4V-SH 1340	250	180	GREY	M20	200	14	210	260	288	206	1340	**21035**	13,14
4V-SH 1784	250	180	GREEN	M20	200	14	210	260	288	206	1784	**21036**	14,00



Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
5V-SH 335	350	180	BLUE	200	18	315	360	396	206	335	**21040**	13.07
5V-SH 475	350	180	WHITE	200	18	315	360	396	206	475	**21041**	13,35
5V-SH 615	350	180	BLACK	200	18	315	360	396	206	615	**21042**	13,48
5V-SH 865	350	180	BEIGE	200	18	315	360	396	206	865	**21043**	13,92
5V-SH 1115	350	180	RED	200	18	315	360	396	206	1115	**21044**	15,78
5V-SH 1675	350	180	GREY	200	18	315	360	396	206	1675	**21045**	16,78
5V-SH 2230	350	180	GREEN	200	18	315	360	396	206	2230	**21046**	18,11



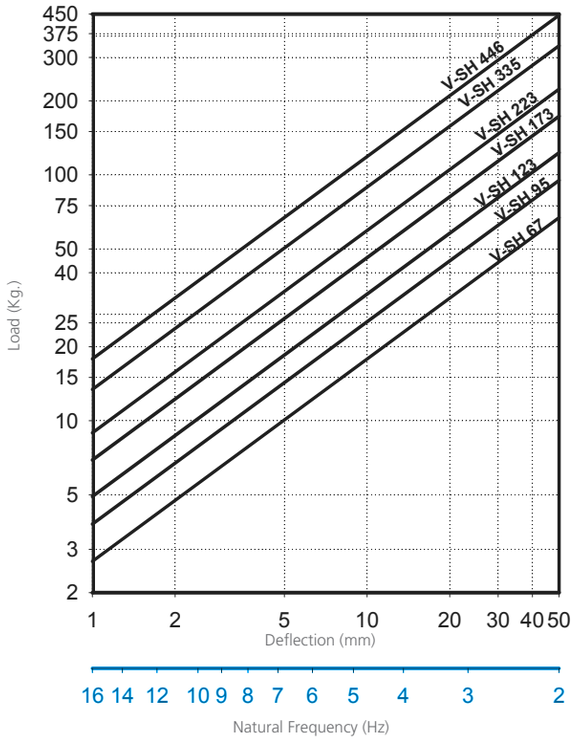
Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
6V-SH 402	350	180	BLUE	200	18	300	360	396	206	402	**21050**	13,87
6V-SH 570	350	180	WHITE	200	18	300	360	396	206	570	**21051**	14,21
6V-SH 738	350	180	BLACK	200	18	300	360	396	206	738	**21052**	14,35
6V-SH 1038	350	180	BEIGE	200	18	300	360	396	206	1038	**21053**	14,89
6V-SH 1338	350	180	RED	200	18	300	360	396	206	1338	**21054**	17,12
6V-SH 2010	350	180	GREY	200	18	300	360	396	206	2010	**21055**	18,32
6V-SH 2676	350	180	GREEN	200	18	300	360	396	206	2676	**21056**	19,92



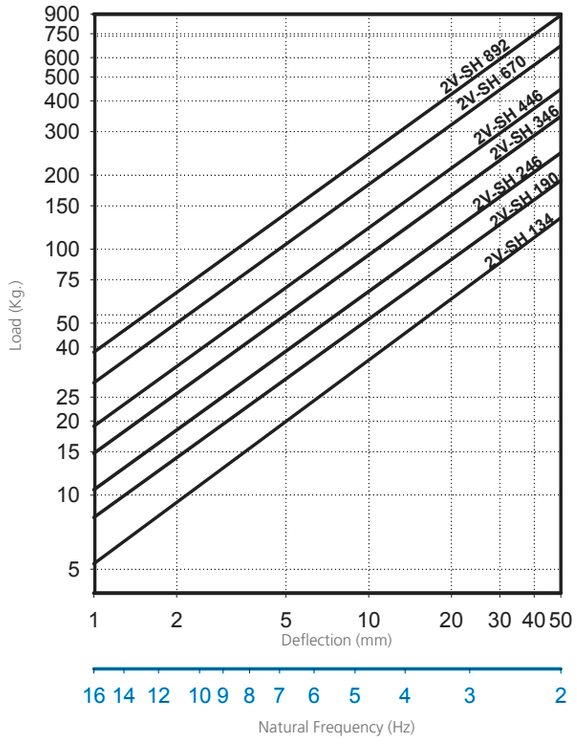
Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	J (mm.)	Load (kg.)	Code	Weight (kg.)
9V-SH 603	350	180	BLUE	300	18	310	360	396	306	100	603	**21060**	21,17
9V-SH 855	350	180	WHITE	300	18	310	360	396	306	100	855	**21061**	21,68
9V-SH 1107	350	180	BLACK	300	18	310	360	396	306	100	1107	**21062**	21,90
9V-SH 1557	350	180	BEIGE	300	18	310	360	396	306	100	1557	**21063**	22,71
9V-SH 2007	350	180	RED	300	18	310	360	396	306	100	2007	**21064**	26,05
9V-SH 3015	350	180	GREY	300	18	310	360	396	306	100	3015	**21065**	27,86
9V-SH 4014	350	180	GREEN	300	18	310	360	396	306	100	4014	**21066**	30,25

V-SH
ELASTICAL PROPERTIES

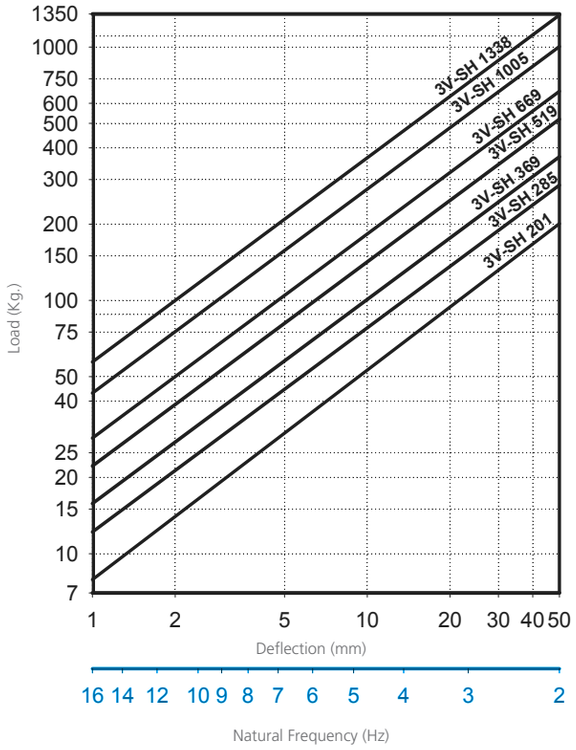
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1V-SH



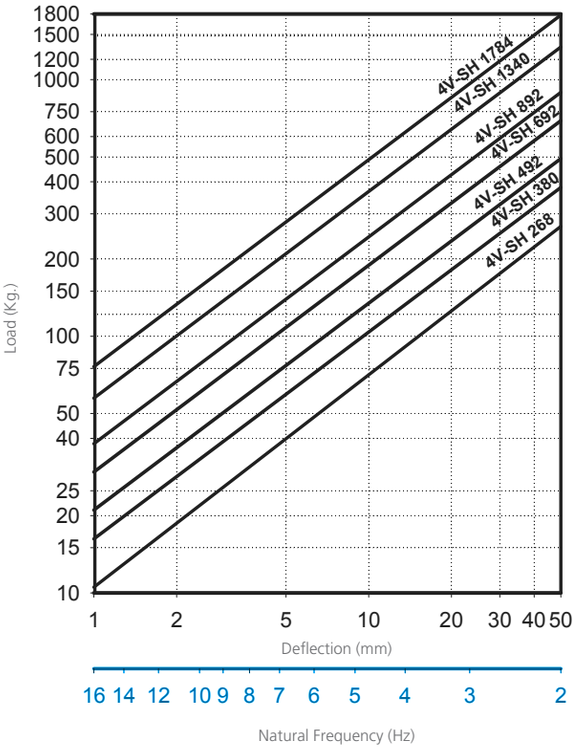
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2V-SH



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

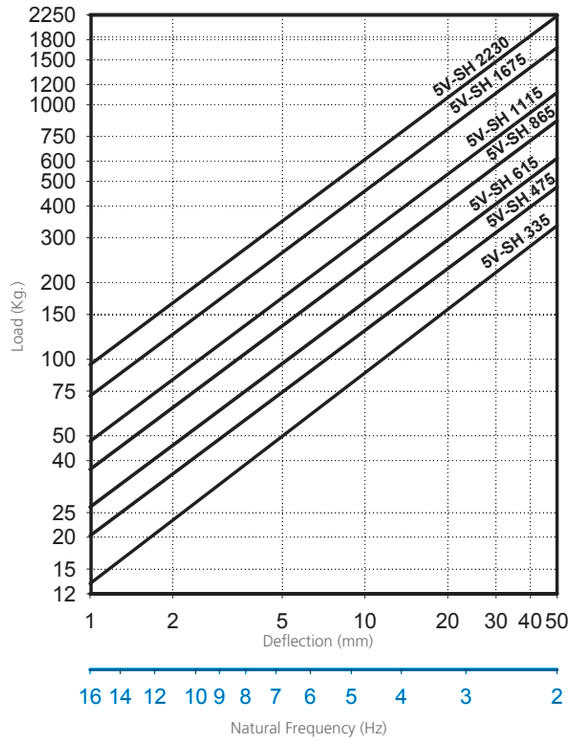


LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4V-SH

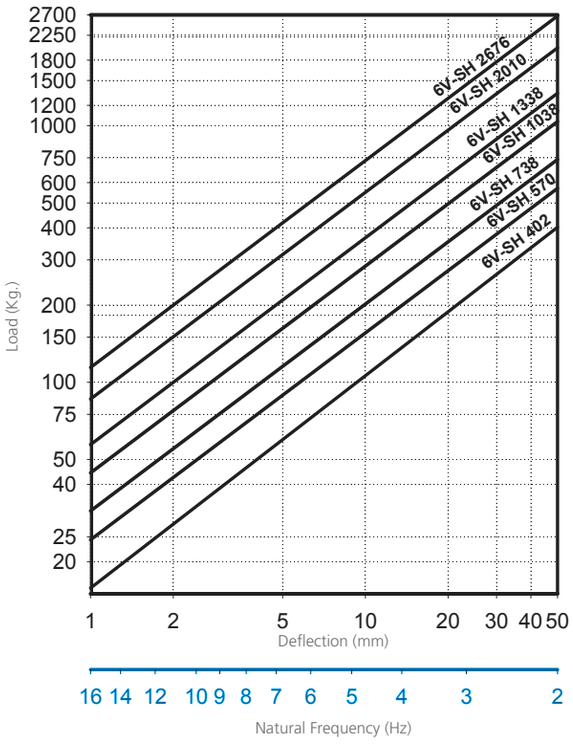


V-SH
ELASTICAL PROPERTIES

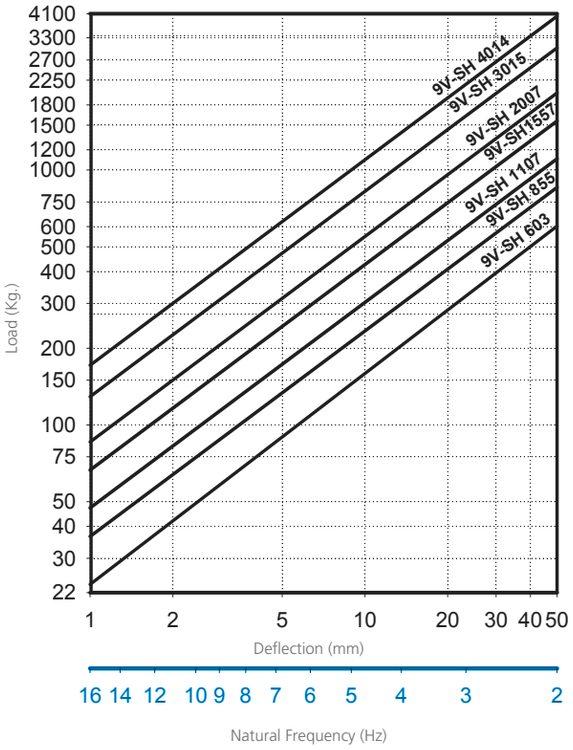
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SH



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



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



V-SR

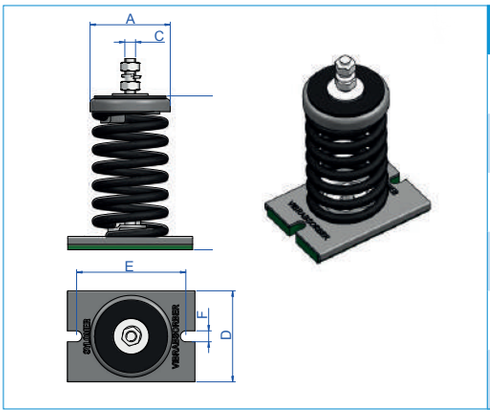
The V-SR spring mounts are able to reach low natural frequencies from 3 to 5 Hz. The spring combined with sylomer® is able to provide high isolation at low and medium frequencies.

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

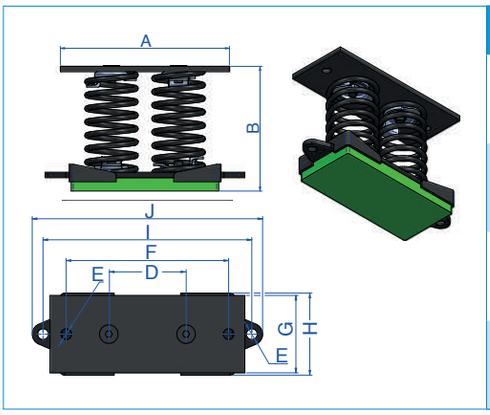
This range of mounts comprises:

- 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.

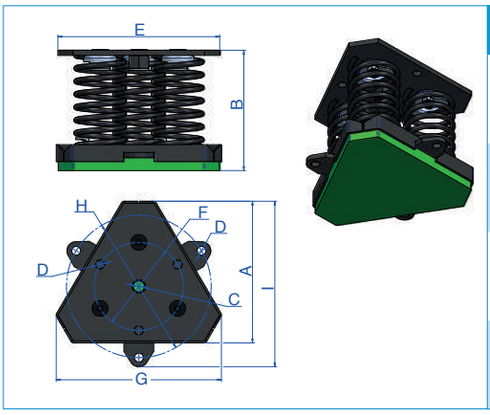
V-SR
Natural Frequency 3 to 5 Hz



Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	Load (kg.)	Code	Weight (kg.)
V-SR-250	75	129	BLACK	M10	100	120	12	250	**20391**	1,5
V-SR-350	75	129	BEIGE	M10	100	120	12	350	**20392**	1,7
V-SR-650	93	172	BLACK	M12	100	120	12	650	**20393**	2,3
V-SR-800	93	172	BLACK	M12	100	120	12	800	**20394**	2,6
V-SR-1000	93	172	BLACK	M12	100	120	12	1000	**20395**	3
V-SR-1200	93	172	BLACK	M12	100	120	12	1200	**20396**	3,2

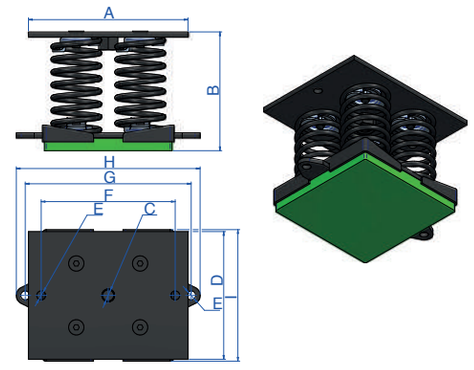


Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	J (mm.)	Load (kg.)	Code	Weight (kg.)
2V-SR-1300	250	180	BLACK	100	14	210	100	106	270	298	1300	**21071**	7,32
2V-SR-1600	250	180	BLACK	100	14	210	100	106	270	298	1600	**21072**	7,46
2V-SR-2000	250	180	BLACK	100	14	210	100	106	270	298	2000	**21073**	7,78
2V-SR-2400	250	180	BLACK	100	14	210	100	106	270	298	2400	**21074**	7,98

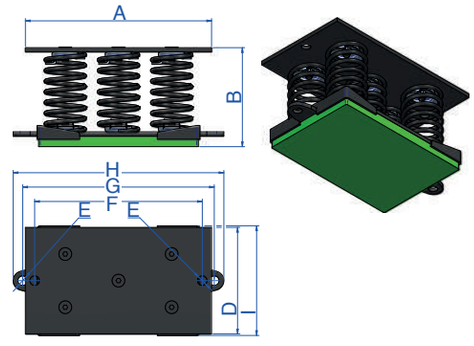


Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
3V-SR-1950	219	180	BLACK	M20	14	246	136	251	220	255,7	1950	**21131**	10,49
3V-SR-2400	219	180	BLACK	M20	14	246	136	251	220	255,7	2400	**21132**	10,56
3V-SR-3000	219	180	BLACK	M20	14	246	136	251	220	255,7	3000	**21133**	11,48
3V-SR-3600	219	180	BLACK	M20	14	246	136	251	220	255,7	3600	**21134**	11,70

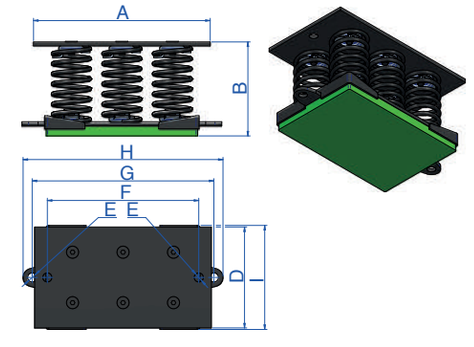
V-SR
Natural Frequency 3 to 5 Hz



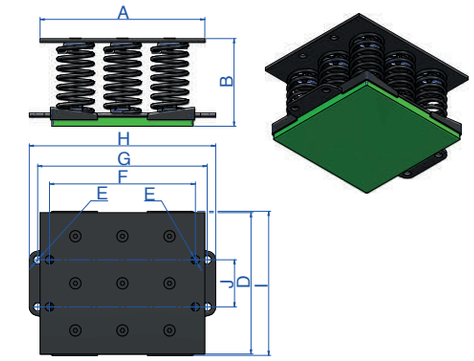
Type	A (mm.)	B (mm.)	Spring color	C (mm.)	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
4V-SR-2600	250	180	BLACK	M20	200	14	210	260	288	206	2600	**21081**	13,12
4V-SR-3200	250	180	BLACK	M20	200	14	210	260	288	206	3200	**21082**	13,46
4V-SR-4000	250	180	BLACK	M20	200	14	210	260	288	206	4000	**21083**	13,78
4V-SR-4800	250	180	BLACK	M20	200	14	210	260	288	206	4800	**21084**	13,88



Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
5V-SR-3250	350	180	BLACK	200	18	315	360	396	206	3250	**21091**	17,97
5V-SR-4000	350	180	BLACK	200	18	315	360	396	206	4000	**21092**	18,09
5V-SR-5000	350	180	BLACK	200	18	315	360	396	206	5000	**21093**	19,62
5V-SR-6000	350	180	BLACK	200	18	315	360	396	206	6000	**21094**	19,99



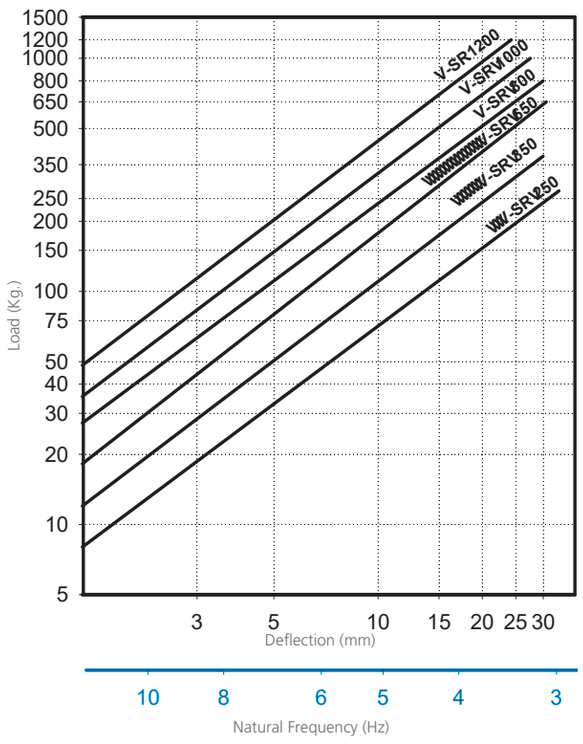
Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	Load (kg.)	Code	Weight (kg.)
6V-SR-3900	350	180	BLACK	200	18	300	360	396	206	3900	**21101**	19,75
6V-SR-4800	350	180	BLACK	200	18	300	360	396	206	4800	**21102**	19,90
6V-SR-6000	350	180	BLACK	200	18	300	360	396	206	6000	**21103**	21,73
6V-SR-7200	350	180	BLACK	200	18	300	360	396	206	7200	**21104**	22,17



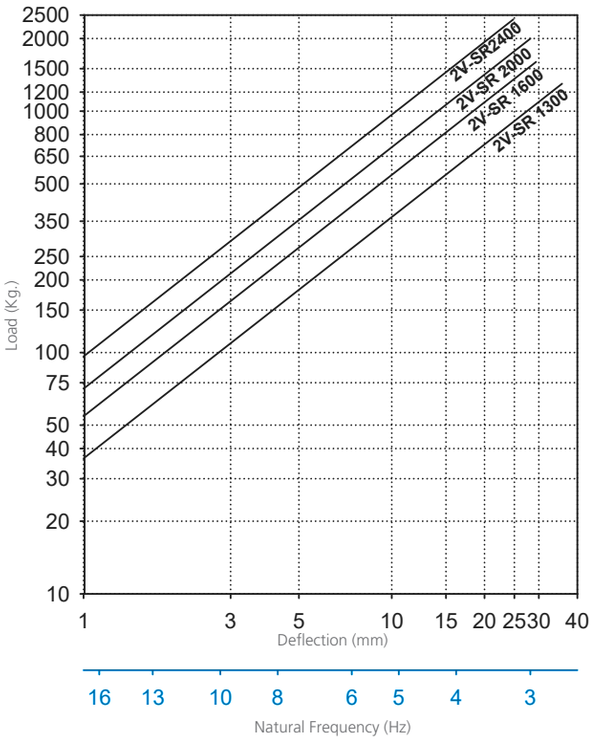
Type	A (mm.)	B (mm.)	Spring color	D (mm.)	E (mm.)	F (mm.)	G (mm.)	H (mm.)	I (mm.)	J (mm.)	Load (kg.)	Code	Weight (kg.)
9V-SR-5850	350	180	BLACK	300	18	310	360	396	306	100	5850	**21111**	29,99
9V-SR-7200	350	180	BLACK	300	18	310	360	396	306	100	7200	**21112**	30,22
9V-SR-9000	350	180	BLACK	300	18	310	360	396	306	100	9000	**21113**	32,96
9V-SR-10800	350	180	BLACK	300	18	310	360	396	306	100	10800	**21114**	33,63

V-SR
ELASTICAL PROPERTIES

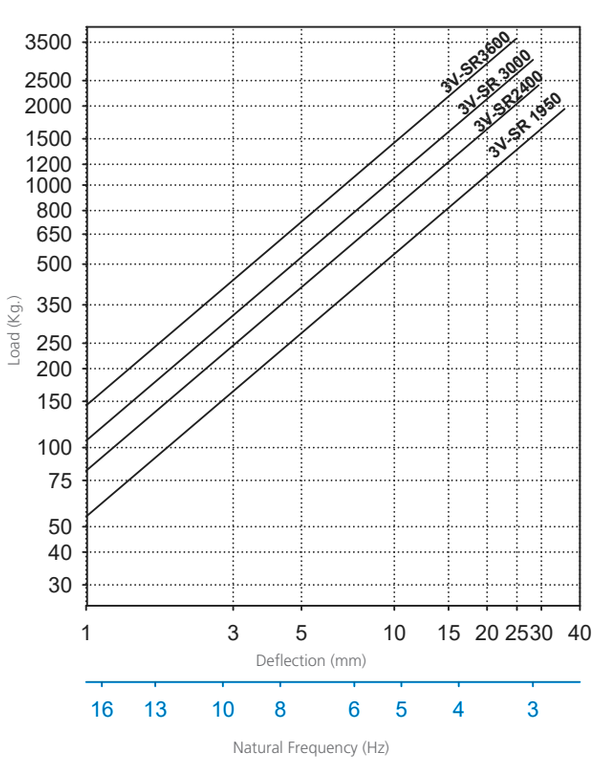
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1V-SR



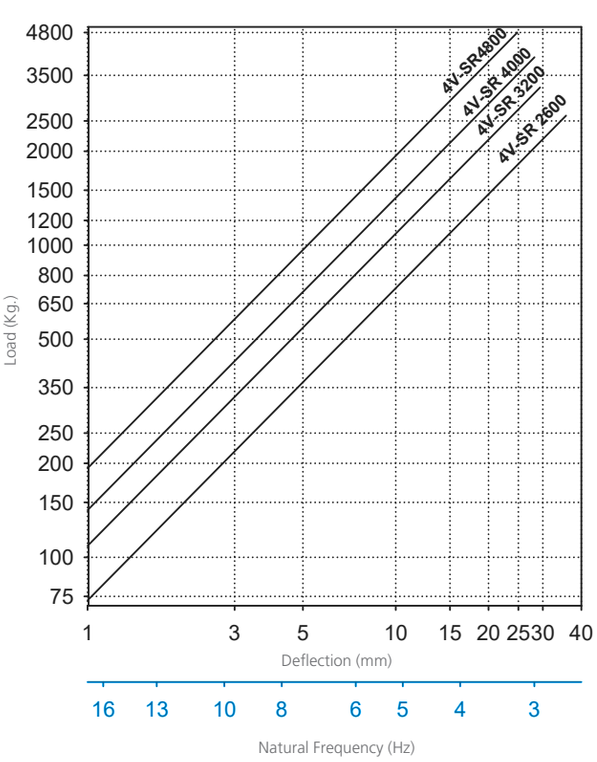
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2V-SR



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

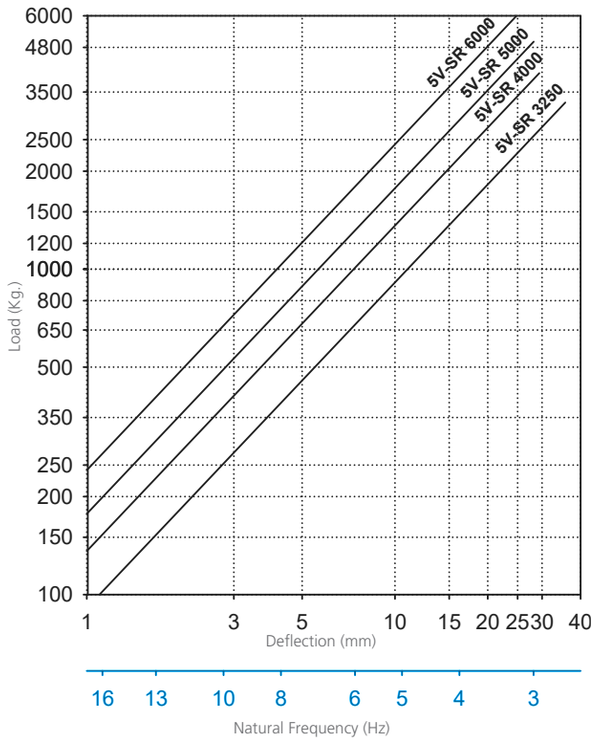


LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4V-SR

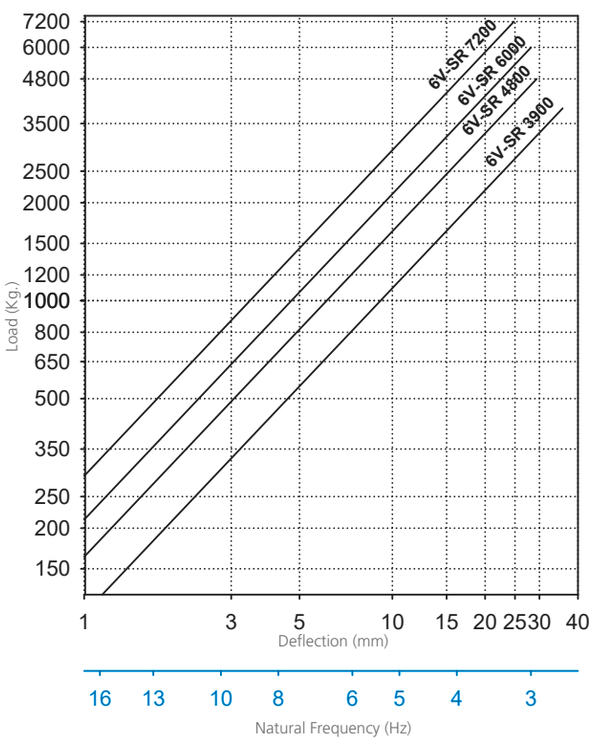


V-SR
ELASTICAL PROPERTIES

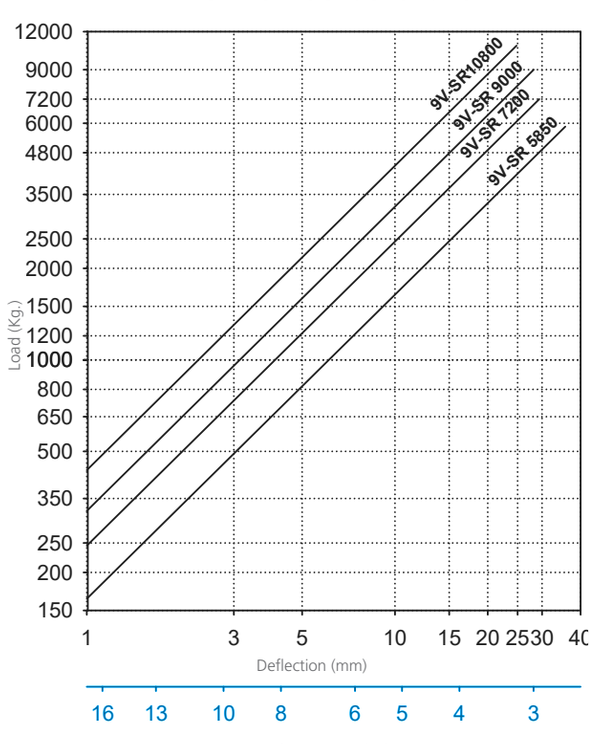
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SR



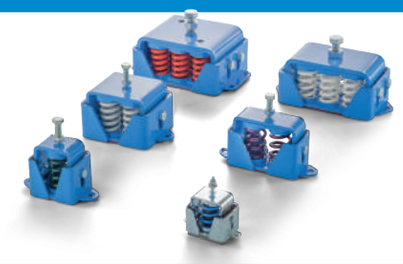
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6V-SR



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

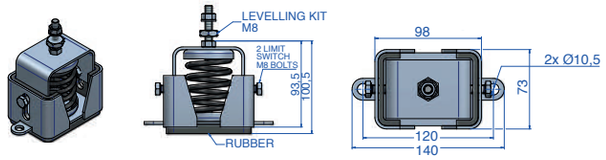


AMC Anti-seismic supports

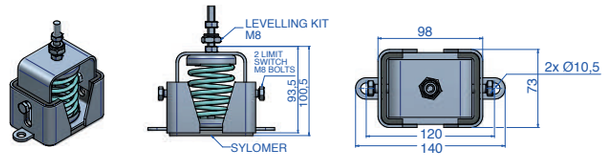


These spring mounts incorporate an ANTISEISMIC device to protect the spring from earthquakes.

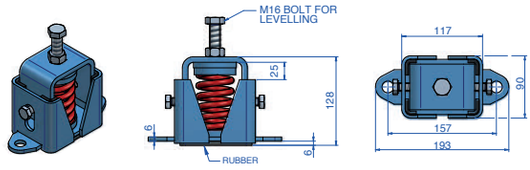
Natural frequency: 3,5-5 Hz



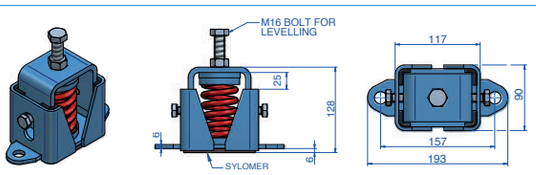
Type	Spring color	LOAD kg MAX	Code
ANTI-SEISMIC MINI	BLACK	25	**21271**
	BLUE	50	**21272**
	GREY	75	**21273**
	BEIGE	100	**21274**
	WHITE	125	**21275**
	BLACK	150	**21276**
	RED	250	**21277**



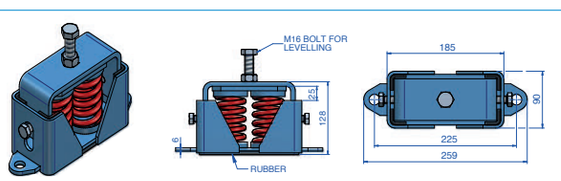
Type	Spring color	LOAD kg MAX	Code
ANTI-SEISMIC MINI + SYLOMER®	BLACK	25	**21261**
	BLUE	50	**21262**
	GREY	75	**21263**
	BEIGE	100	**21264**
	WHITE	125	**21265**
	BLACK	150	**21266**
	RED	250	**21267**



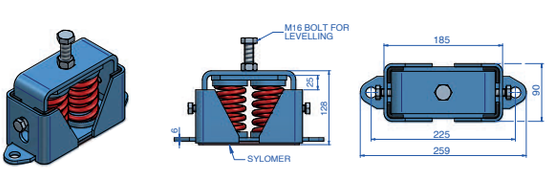
Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
1 AMC ANTI-SEISMIC	1	PURPLE	22	3,155	305	**20409**
	1	GREEN	22	3,204	405	**20381**
	1	GREY	22	3,318	540	**20382**
	1	WHITE	22	3,248	612	**20383**
	1	RED	22	3,414	803	**20384**



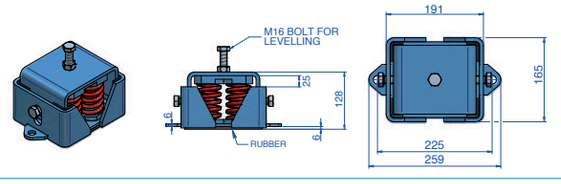
Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
1 AMC ANTI-SEISMIC + SYLOMER®	1	PURPLE	22	3,191	305	**20413**
	1	GREEN	22	3,686	405	**20377**
	1	GREY	22	3,284	540	**20378**
	1	WHITE	22	3,284	612	**20379**
	1	RED	22	3,449	803	**20380**



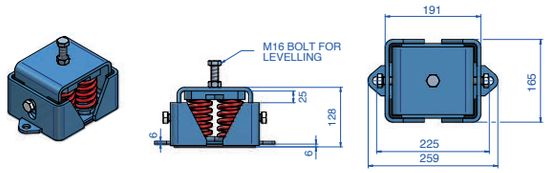
Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
2 AMC ANTI-SEISMIC	2	PURPLE	22	4,819	610	**20494**
	2	GREEN	22	4,919	810	**20496**
	2	GREY	22	5,011	1080	**20497**
	2	WHITE	22	5,142	1224	**20498**
	2	RED	22	5,337	1606	**20500**



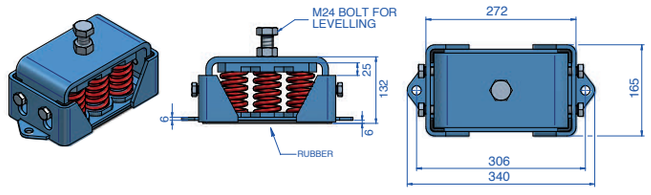
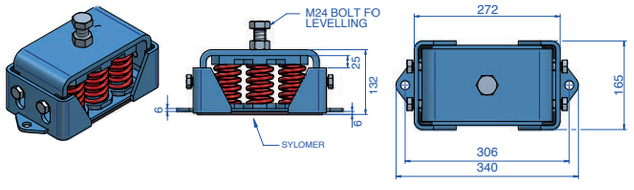
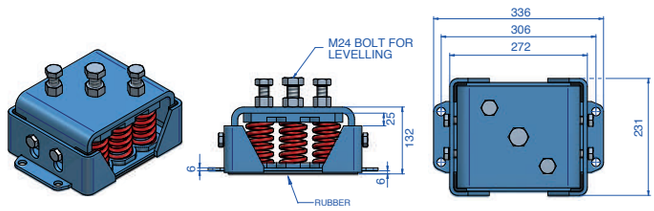
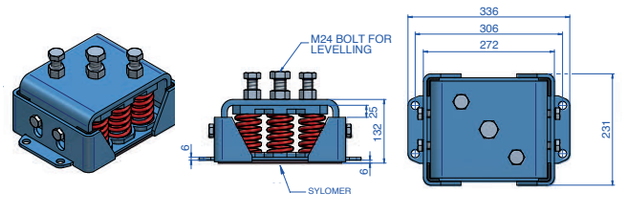
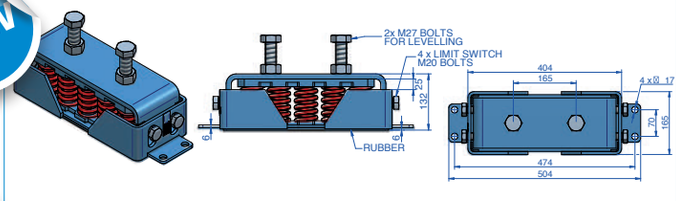
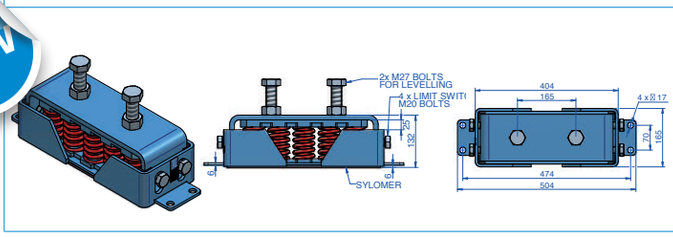
Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
2 AMC ANTI-SEISMIC + SYLOMER®	2	PURPLE	22	4,869	610	**20480**
	2	GREEN	22	4,97	810	**20487**
	2	GREY	22	5,192	1080	**20488**
	2	WHITE	22	5,06	1224	**20489**
	2	RED	22	5,386	1606	**20490**

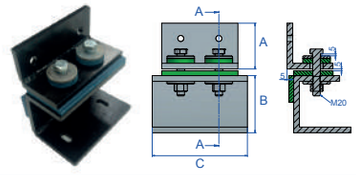


Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
4 AMC ANTI-SEISMIC	4	PURPLE	22	10,594	1220	**20700**
	4	GREEN	22	10,894	1620	**20696**
	4	GREY	22	11,346	2160	**20697**
	4	WHITE	22	11,002	2448	**20698**
	4	RED	22	11,69	3212	**20699**



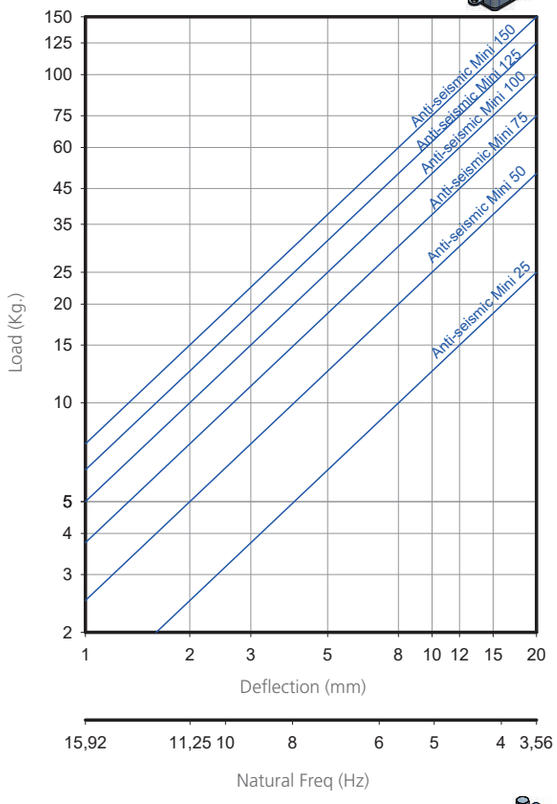
Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
4 AMC ANTI-SEISMIC + SYLOMER®	4	PURPLE	22	10,54	1220	**20686**
	4	GREEN	22	10,84	1620	**20687**
	4	GREY	22	11,292	2160	**20688**
	4	WHITE	22	10,948	2448	**20689**
	4	RED	22	11,636	3212	**20690**

	Type	No. Springs	Spring color	DEFLEC-TION mm	Weight (kg)	LOAD kg MAX	Code
	6 AMC ANTI-SEISMIC	6	PURPLE	22	14,909	1830	**20761**
		6	GREEN	22	15,359	2430	**20762**
		6	GREY	22	16,037	3240	**20763**
		6	WHITE	22	15,521	3672	**20764**
		6	RED	22	16,553	4818	**20765**
	6 AMC ANTI-SEISMIC + SYLOMER®	6	PURPLE	22	14,829	1830	**20766**
		6	GREEN	22	15,279	2430	**20767**
		6	GREY	22	15,957	3240	**20768**
		6	WHITE	22	15,441	3672	**20769**
		6	RED	22	16,473	4818	**20770**
	9 AMC ANTI-SEISMIC	9	PURPLE	22	21,598	2745	**20961**
		9	GREEN	22	22,273	3645	**20962**
		9	GREY	22	23,29	4860	**20963**
		9	WHITE	22	22,516	5508	**20964**
		9	RED	22	24,064	7227	**20965**
	9 AMC ANTI-SEISMIC + SYLOMER®	9	PURPLE	22	21,483	2745	**20992**
		9	GREEN	22	22,158	3645	**20993**
		9	GREY	22	23,175	4860	**20994**
		9	WHITE	22	22,401	5508	**20995**
		9	RED	22	23,949	7227	**20996**
NEW 	10 AMC ANTI-SEISMIC	10	PURPLE	22	24,9	3050	**20894**
		10	GREEN	22	24,9	4050	**20895**
		10	GREY	22	24,9	5400	**20896**
		10	WHITE	22	24,9	6120	**20897**
		10	RED	22	24,9	8030	**20898**
NEW 	10 AMC ANTI-SEISMIC + SYLOMER®	10	PURPLE	22	24,9	3050	**20852**
		10	GREEN	22	24,9	4050	**20853**
		10	GREY	22	24,9	5400	**20854**
		10	WHITE	22	24,9	6120	**20855**
		10	RED	22	24,9	8030	**20856**

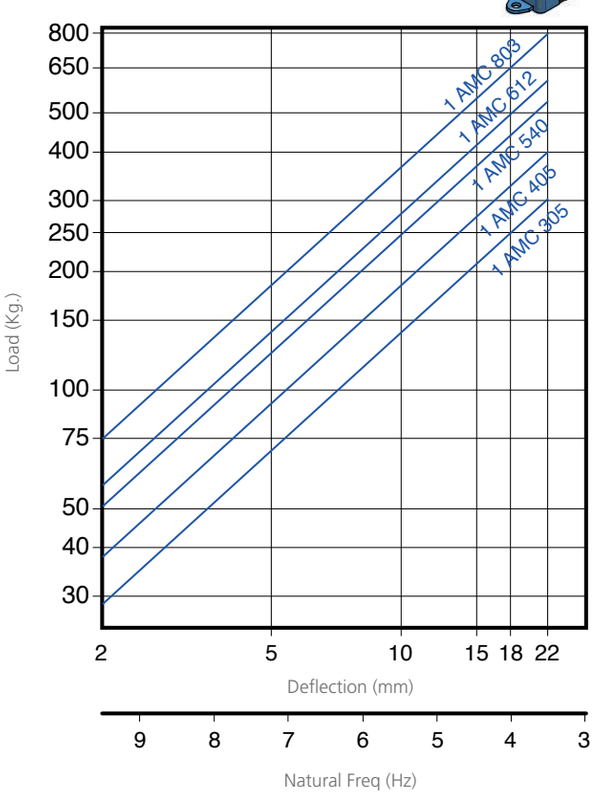
	Type	SUMMARY	Weight (kg)	Code
	SNUBBER 4 ANTI-SEISMIC	Dimensions A, B, C and D could vary according to the selected mount and the characteristics of the frame	-	**22000**

ANTISEISMIC ELASTICAL PROPERTIES

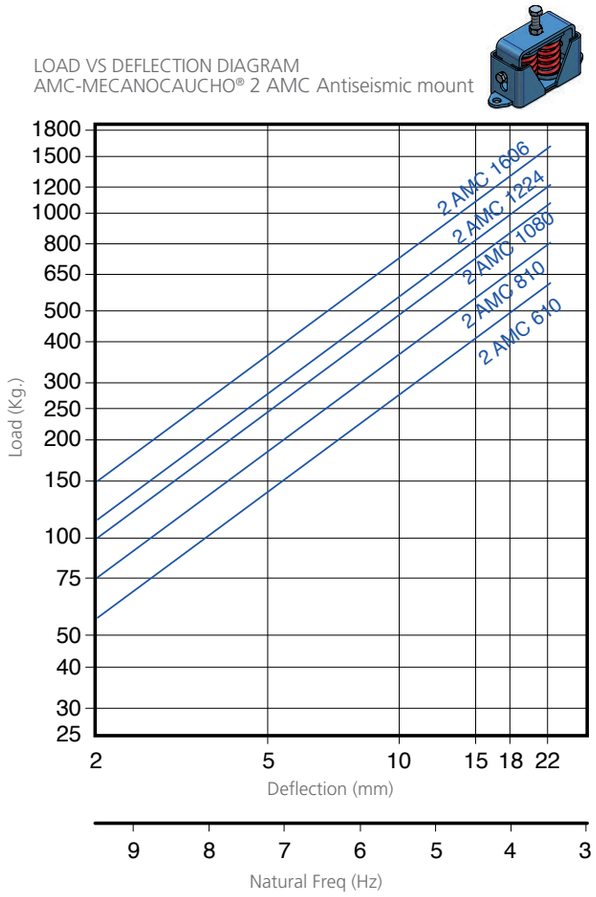
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® Antiseismic mini



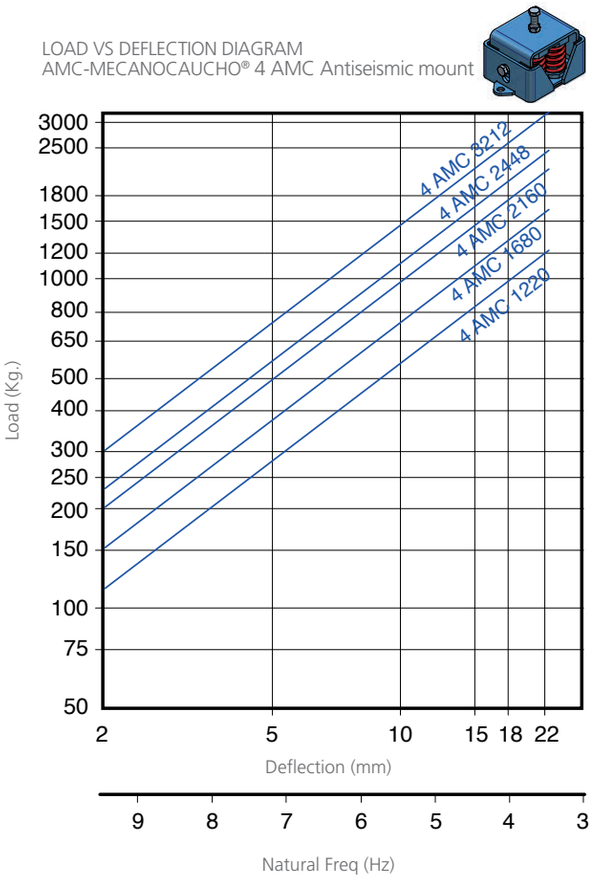
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic mount



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



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



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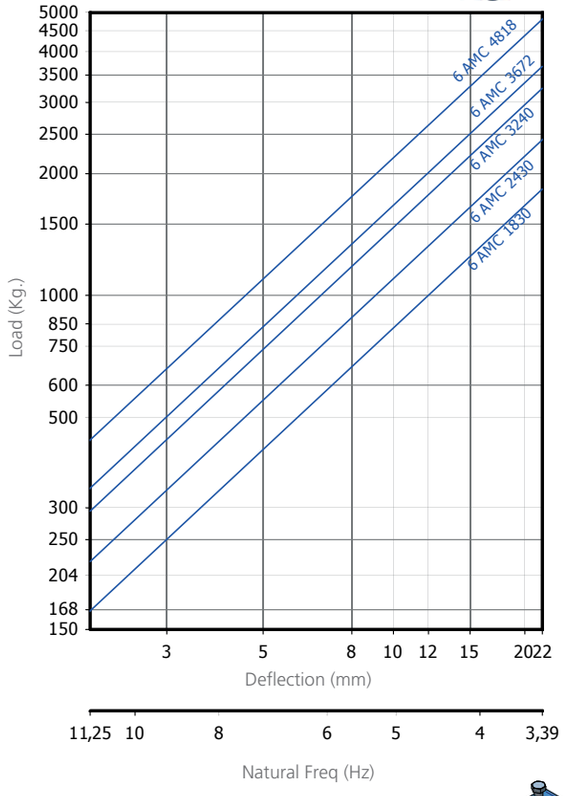
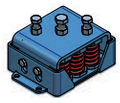
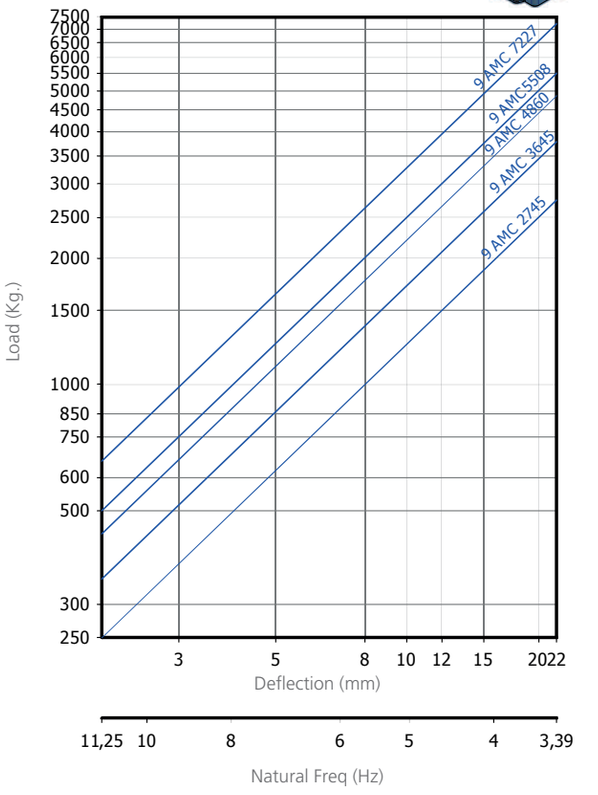
AMC-MECANOCAUCHO® 6 AMC Antiseismic mount

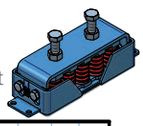


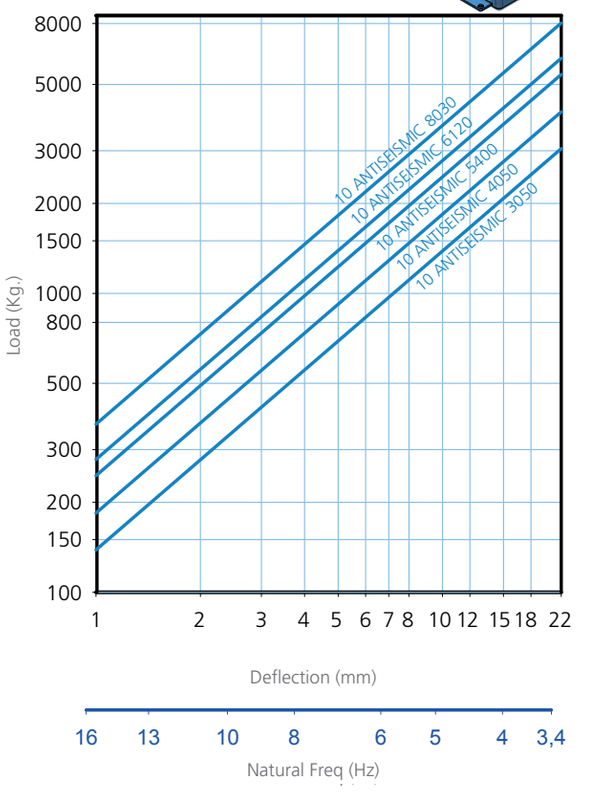
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic mount





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





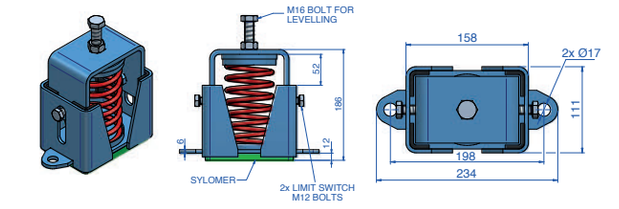
VSH anti-seismic supports

This range of mounts comprises:

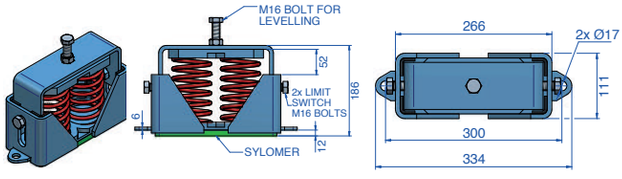
- A spring with high elasticity and very low natural frequency
- An incorporated levelling system
- A spare Sylomer to isolate mid and high frequencies comes standard

NEW

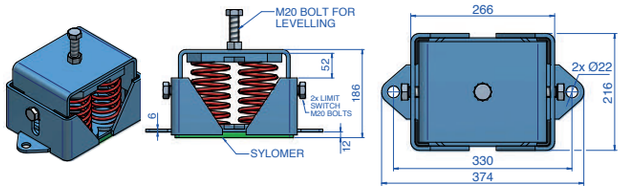
Natural frequency: 2-5 Hz



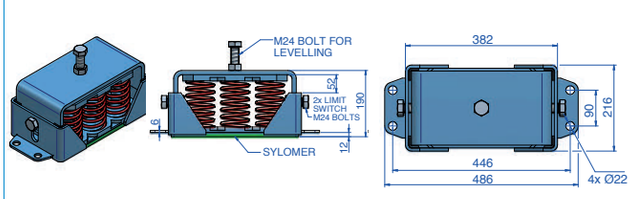
Type	Spring color	Load (kg)	Weight (kg)	Code
1V-SH-67 ANTI SEISMIC + SYLOMER®	BLUE	67	5,554	**20653**
1V-SH-95 ANTI SEISMIC + SYLOMER®	WHITE	95	5,554	**20654**
1V-SH-123 ANTI SEISMIC + SYLOMER®	BLACK	123	5,554	**20655**
1V-SH-173 ANTI SEISMIC + SYLOMER®	BEIGE	173	5,554	**20656**
1V-SH-223 ANTI SEISMIC + SYLOMER®	RED	223	5,554	**20657**
1V-SH-335 ANTI SEISMIC + SYLOMER®	GREY	335	5,554	**20658**
1V-SH-446 ANTI SEISMIC + SYLOMER®	GREEN	446	5,554	**20659**



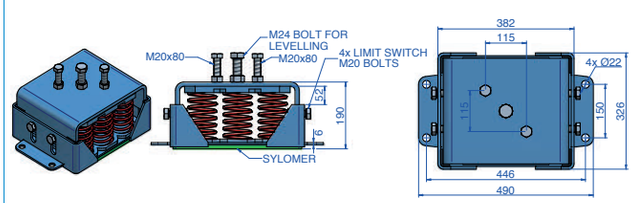
Type	Spring color	Load (kg)	Weight (kg)	Code
2V-SH-134 ANTI SEISMIC + SYLOMER®	BLUE	134	10,561	**20587**
2V-SH-190 ANTI SEISMIC + SYLOMER®	WHITE	190	10,561	**20588**
2V-SH-246 ANTI SEISMIC + SYLOMER®	BLACK	246	10,561	**20589**
2V-SH-346 ANTI SEISMIC + SYLOMER®	BEIGE	346	10,561	**20590**
2V-SH-446 ANTI SEISMIC + SYLOMER	RED	446	10,561	**20591**
2V-SH-670 ANTI SEISMIC + SYLOMER®	GREY	670	10,561	**20592**
2V-SH-892 ANTI SEISMIC + SYLOMER®	GREEN	892	10,561	**20593**



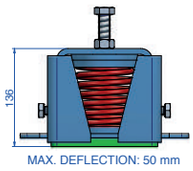
Type	Spring color	Load (kg)	Weight (kg)	Code
4V-SH-268 ANTI SEISMIC + SYLOMER®	BLUE	268	20,883	**20752**
4V-SH-380 ANTI SEISMIC + SYLOMER®	WHITE	380	20,883	**20753**
4V-SH-492 ANTI SEISMIC + SYLOMER®	BLACK	492	20,883	**20754**
4V-SH-692 ANTI SEISMIC + SYLOMER®	BEIGE	692	20,883	**20755**
4V-SH-892 ANTI SEISMIC + SYLOMER®	RED	892	20,883	**20756**
4V-SH-1340 ANTI SEISMIC + SYLOMER®	GREY	1340	20,883	**20757**
4V-SH-1784 ANTI SEISMIC + SYLOMER®	GREEN	1784	20,883	**20758**



Type	Spring color	Load (kg)	Weight (kg)	Code
6V-SH-402 ANTI SEISMIC + SYLOMER®	BLUE	402	30,579	**20861**
6V-SH-570 ANTI SEISMIC + SYLOMER®	WHITE	570	30,579	**20862**
6V-SH-738 ANTI SEISMIC + SYLOMER®	BLACK	738	30,579	**20863**
6V-SH-1038 ANTI SEISMIC + SYLOMER®	BEIGE	1038	30,579	**20864**
6V-SH-1338 ANTI SEISMIC + SYLOMER®	RED	1338	30,579	**20865**
6V-SH-2010 ANTI SEISMIC + SYLOMER®	GREY	2010	30,579	**20866**
6V-SH-2676 ANTI SEISMIC + SYLOMER®	GREEN	2676	30,579	**20867**



Type	Spring color	Load (kg)	Weight (kg)	Code
9V-SH-603 ANTI SEISMIC + SYLOMER®	BLUE	603	51,124	**20887**
9V-SH-855 ANTI SEISMIC + SYLOMER®	WHITE	855	51,124	**20888**
9V-SH-1107 ANTI SEISMIC + SYLOMER®	BLACK	1107	51,124	**20889**
9V-SH-1557 ANTI SEISMIC + SYLOMER®	BEIGE	1557	51,124	**20890**
9V-SH-2007 ANTI SEISMIC + SYLOMER®	RED	2007	51,124	**20891**
9V-SH-3015 ANTI SEISMIC + SYLOMER®	GREY	3015	51,124	**20892**
9V-SH-4014 ANTI SEISMIC + SYLOMER®	GREEN	4014	51,124	**20893**



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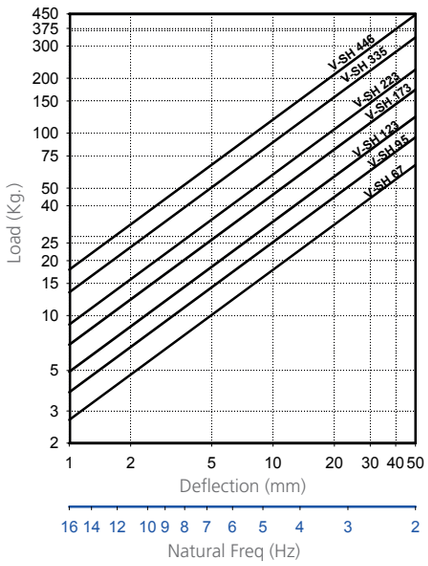
AMC-MECANOCAUCHO® 1 AMC Antiseismic V-SH



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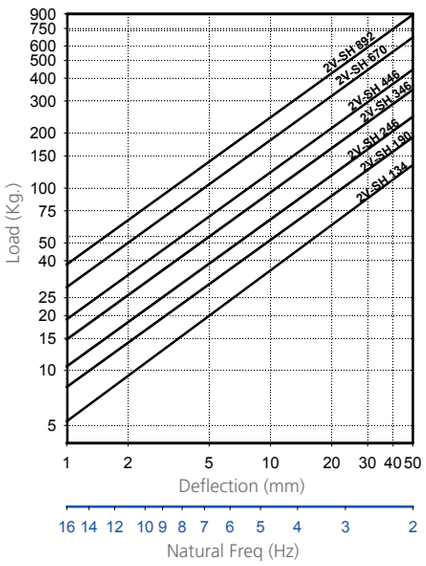
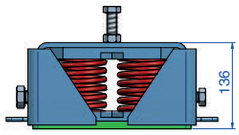
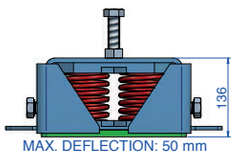
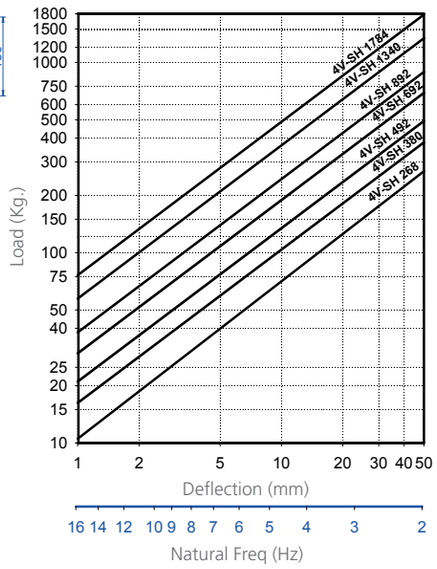
AMC-MECANOCAUCHO® 2 AMC Antiseismic V-SH







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



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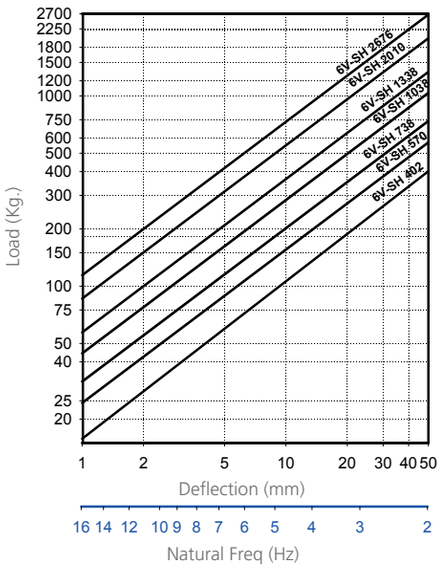
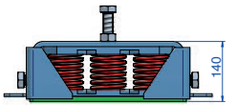
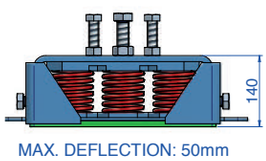
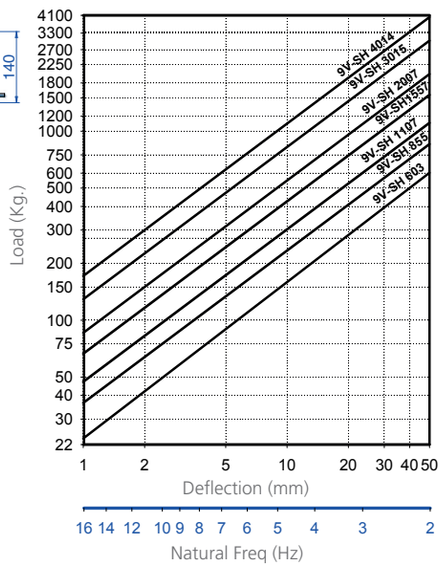
AMC-MECANOCAUCHO® 6 AMC Antiseismic V-SH







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



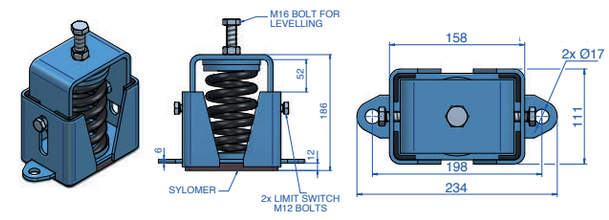
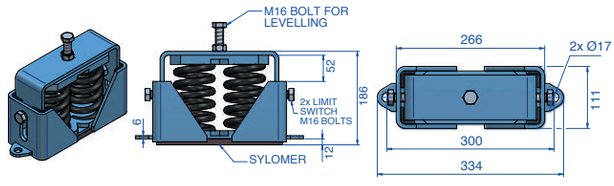
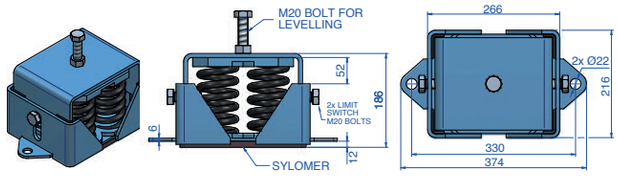
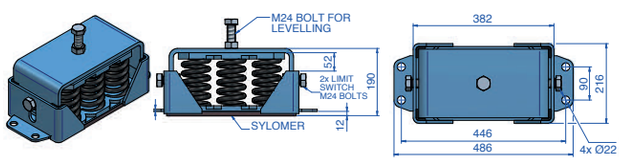
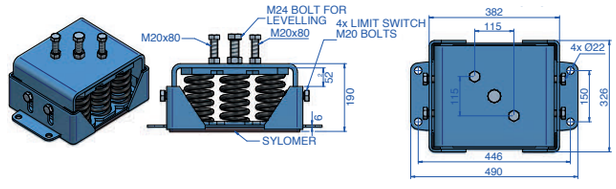
VSR anti-seismic supports

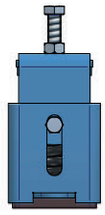
This range of mounts comprises:

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

NEW

Natural frequency: 3-5 Hz

	Type	Spring color	Load (kg)	Weight (kg)	Code
	V-SR-650 ANTI SEISMIC + SYLOMER®	BLACK	650	6,5	**20502**
	V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	6,5	**20503**
	V-SR-1000 ANTI SEISMIC + SYLOMER®	BLACK	1000	6,5	**20504**
	V-SR-1200 ANTI SEISMIC + SYLOMER®	BLACK	1200	6,5	**20505**
	2V-SR-1300 ANTI SEISMIC + SYLOMER®	BLACK	1300	12,01	**20506**
	2V-SR-1600 ANTI SEISMIC + SYLOMER®	BLACK	1600	12,01	**20507**
	2V-SR-2000 ANTI SEISMIC + SYLOMER®	BLACK	2000	12,01	**20508**
	2V-SR-2400 ANTI SEISMIC + SYLOMER®	BLACK	2400	12,01	**20509**
	4V-SR-2600 ANTI SEISMIC + SYLOMER®	BLACK	2600	23,766	**21141**
	4V-SR-3200 ANTI SEISMIC + SYLOMER®	BLACK	3200	23,766	**21142**
	4V-SR-4000 ANTI SEISMIC + SYLOMER®	BLACK	4000	23,766	**21143**
	4V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	23,766	**21144**
	6V-SR-3900 ANTI SEISMIC + SYLOMER®	BLACK	3900	34,831	**20877**
	6V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	34,831	**20878**
	6V-SR-6000 ANTI SEISMIC + SYLOMER®	BLACK	6000	34,831	**20879**
	6V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	34,831	**20880**
	9V-SR-5850 ANTI SEISMIC + SYLOMER®	BLACK	5850	51,124	**20952**
	9V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	51,124	**20953**
	9V-SR-9000 ANTI SEISMIC + SYLOMER®	BLACK	9000	51,124	**20954**
	9V-SR-10800 ANTI SEISMIC + SYLOMER®	BLACK	10800	51,124	**20955**



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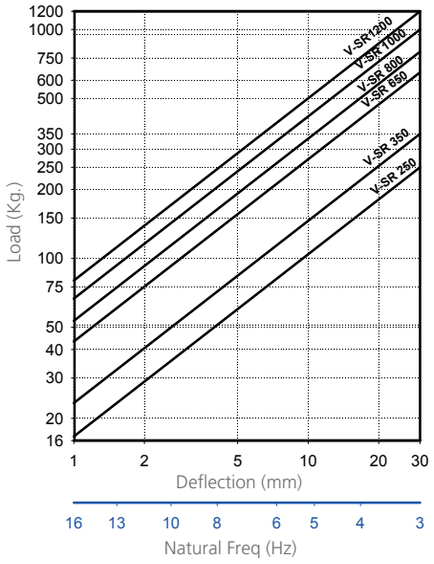
AMC-MECANOCAUCHO® 1 AMC Antiseismic V-SR



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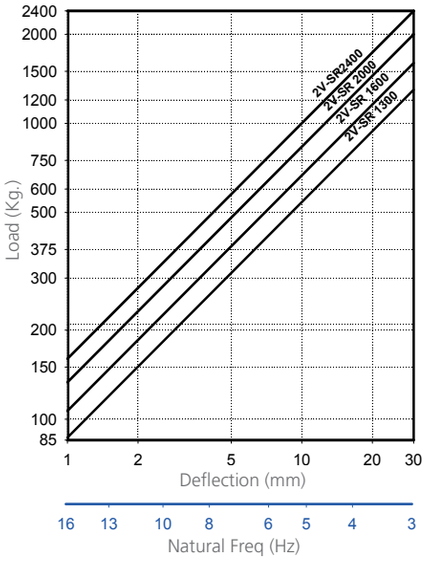
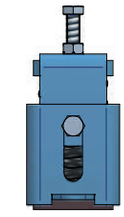
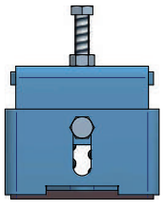
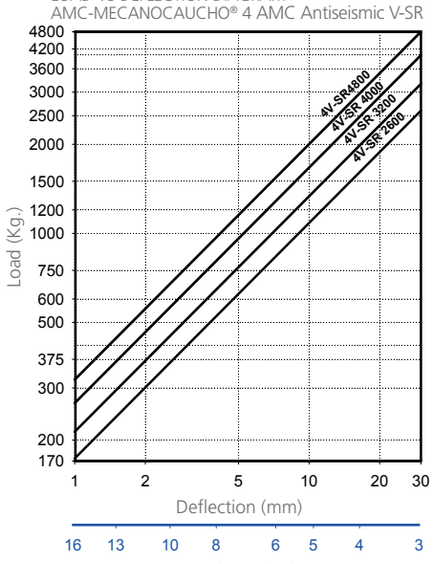
AMC-MECANOCAUCHO® 2 AMC Antiseismic V-SR



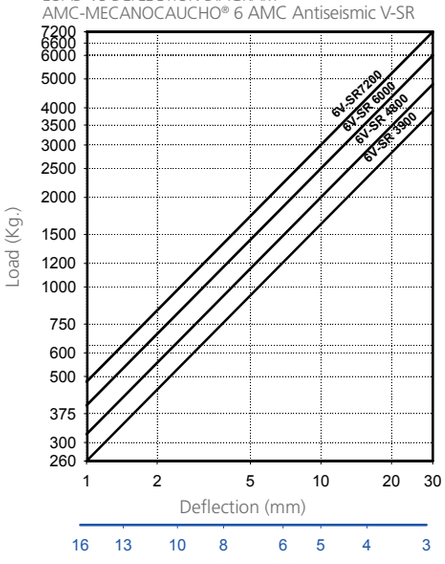


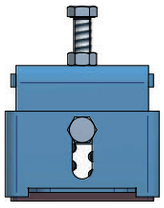


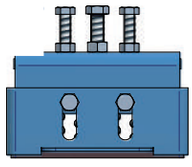
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic V-SR



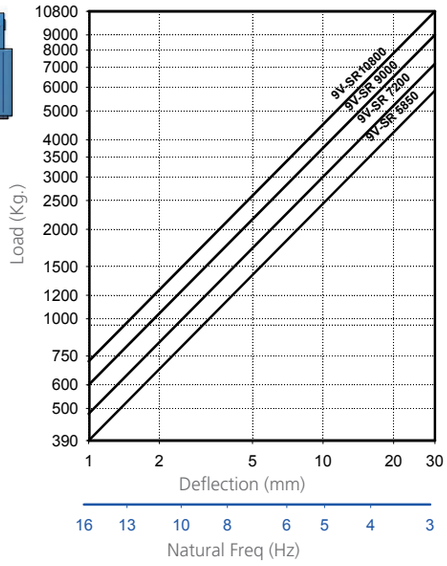
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic V-SR







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



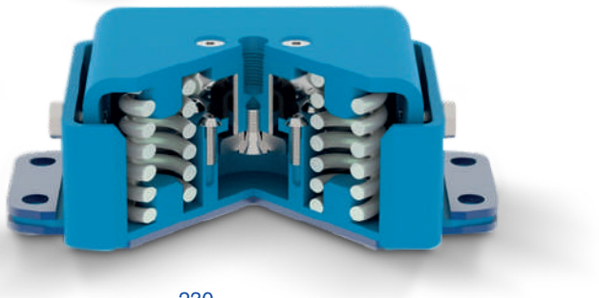
ANTI SEISMIC VISCO

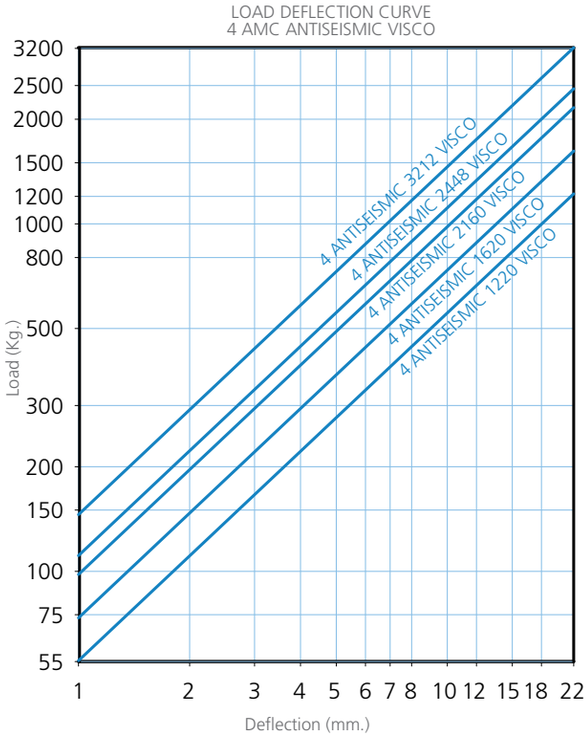
This spring mount is suitable for those applications that require greater vibration isolation and movement control, such as:

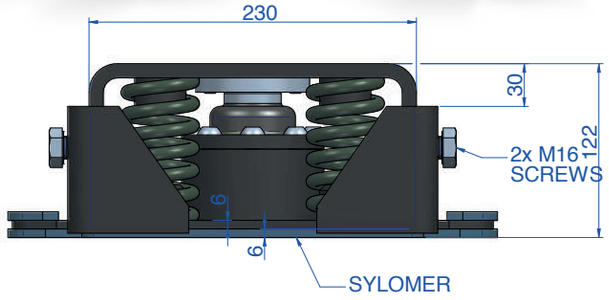
- Emergency generator sets on Hospitals, data bank organizations or residential areas.
- Pumps or piston compressors that have high eccentricity where a mass of inertia cannot be installed.
- HVAC equipment on Hospitals or residential areas.
- This mount is suitable for the isolation of static rotating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

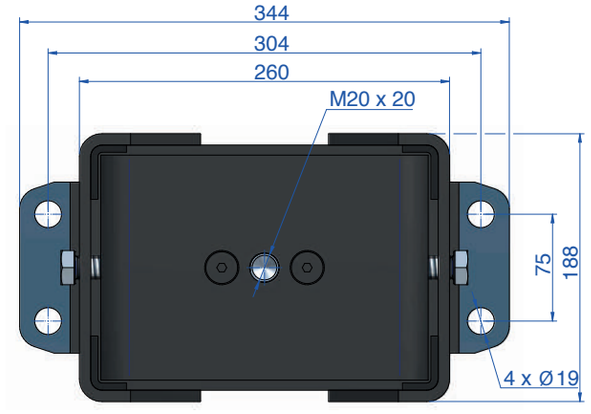
NEW

VIDEO TEST





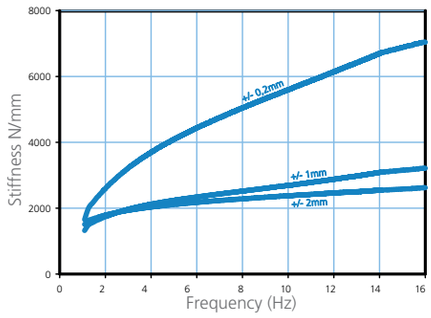




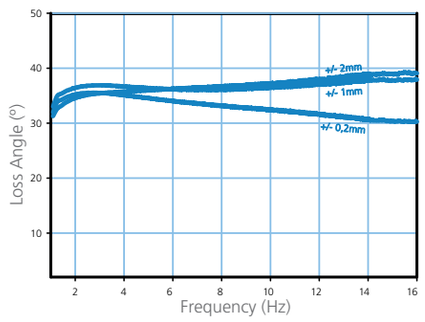
Type	No. Springs	Spring color	DEFLECTION mm	Max. Load (kg)	**Code**
ANTI SEISMIC VISCO	4	PURPLE	22	1220	**21256**
	4	GREEN	22	1620	**21255**
	4	GREY	22	2160	**21257**
	4	WHITE	22	2448	**21258**
	4	RED	22	3212	**21259**

DYNAMIC BEHAVIOUR

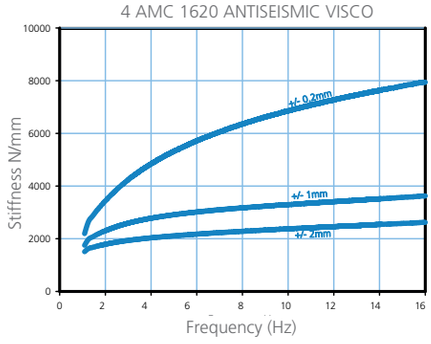
4 AMC 1220 ANTISEISMIC VISCO



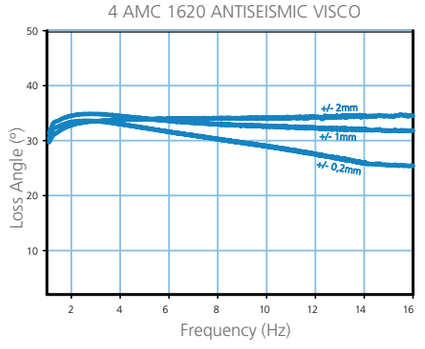
4 AMC 1220 ANTISEISMIC VISCO



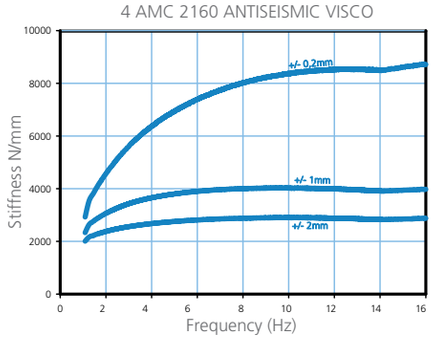
4 AMC 1620 ANTISEISMIC VISCO



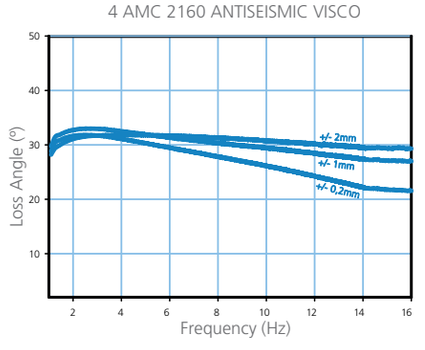
4 AMC 1620 ANTISEISMIC VISCO



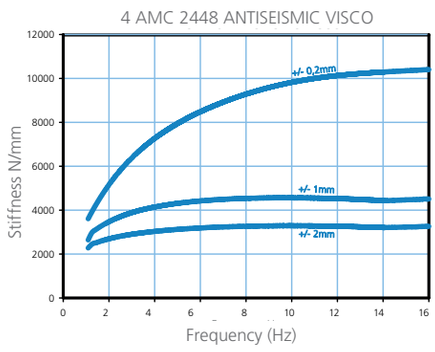
4 AMC 2160 ANTISEISMIC VISCO



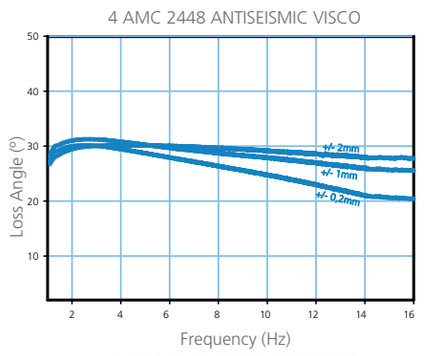
4 AMC 2160 ANTISEISMIC VISCO



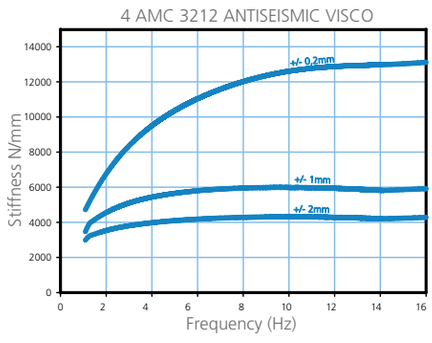
4 AMC 2448 ANTISEISMIC VISCO



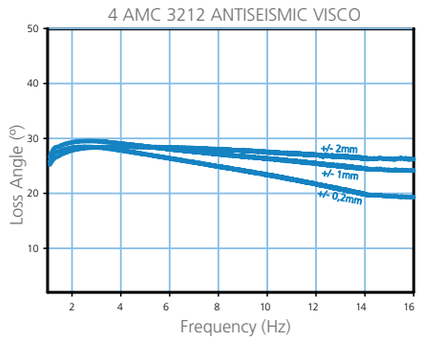
4 AMC 2448 ANTISEISMIC VISCO



4 AMC 3212 ANTISEISMIC VISCO



4 AMC 3212 ANTISEISMIC VISCO



VIBRABSORBER + sylomer®

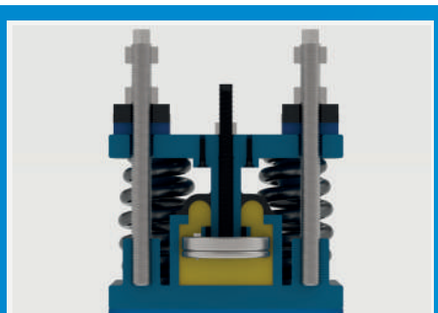
with adjustable damping & vertical displacement end stroke buffer

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.

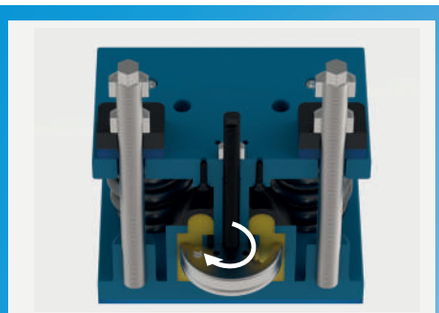
The base of the mount includes a layer of Sylomer® to reduce the transmission of high frequencies that could go through the coil springs.

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.

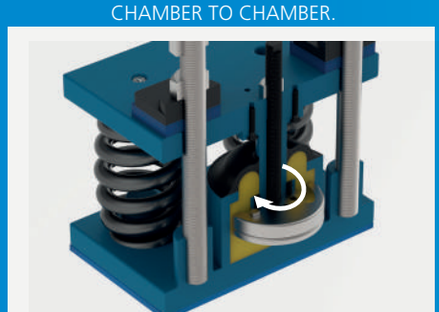
This product is tailored for each application.



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.

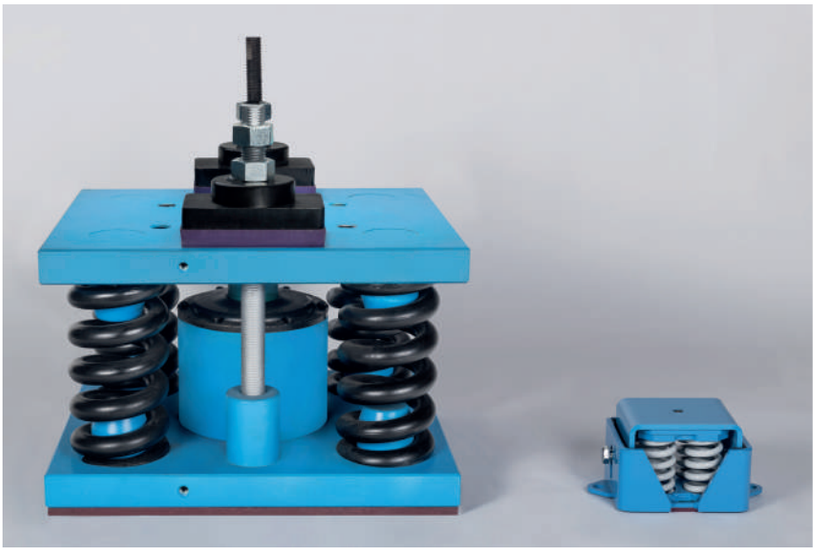


THE DAMPING IS ADJUSTABLE BY A ROTATION OF A CENTRAL BOLD FROM MINIMUM TO MAXIMUM DAMPING.

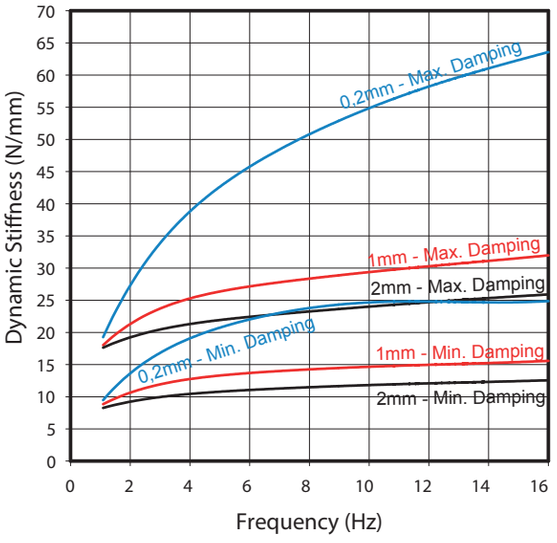


VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.

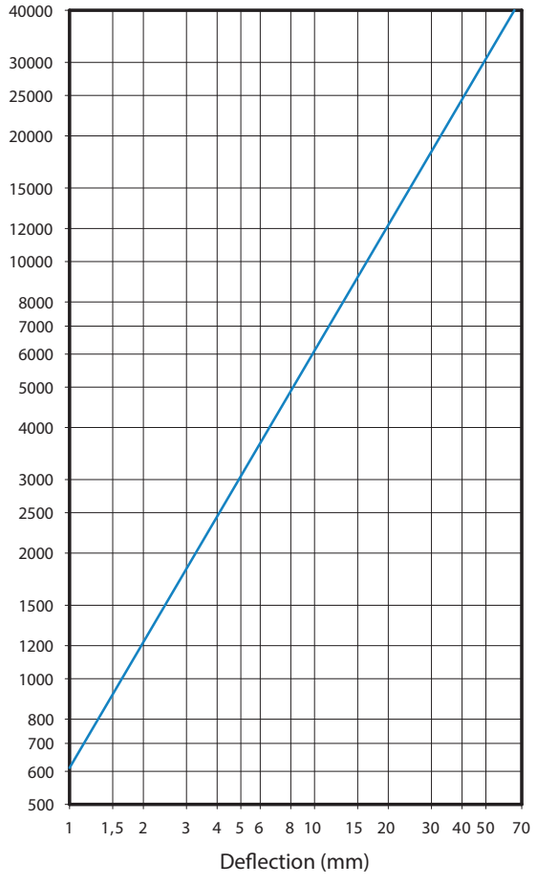
VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.



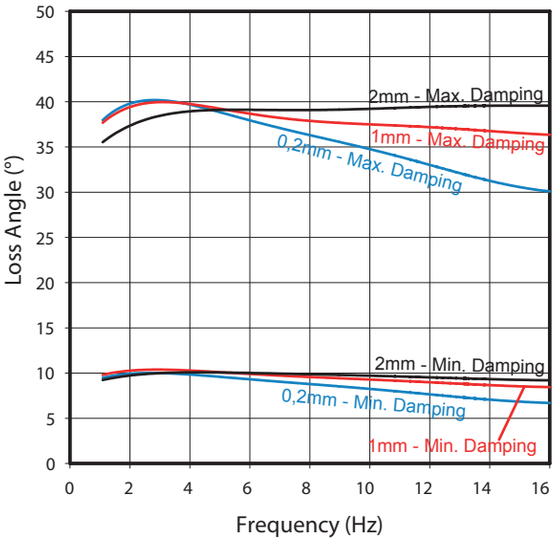
AMPLITUDE DEPENDANT DYNAMIC STIFFNESS
ADJUSTABLE VISCOELASTIC SPRING



LOAD DEFLECTION CURVE
ADJUSTABLE VISCOELASTIC SPRING

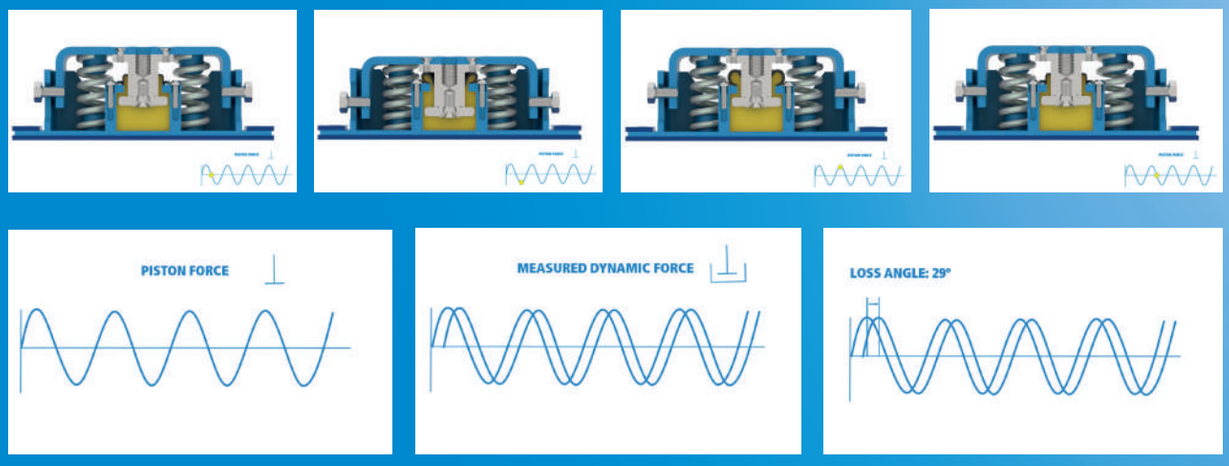


AMPLITUDE DEPENDANT LOSS ANGLE
ADJUSTABLE VISCOELASTIC SPRING



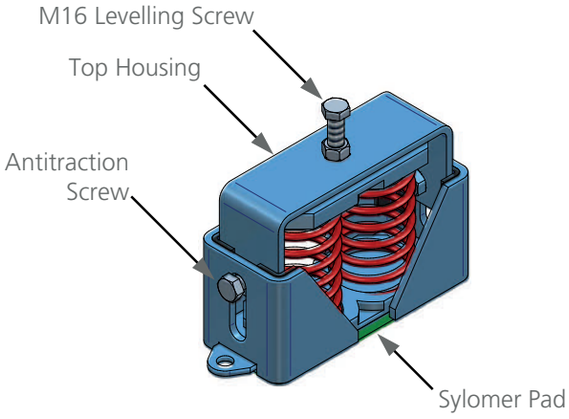
SEQUENCE OF THE ANTISEISMIC MOVEMENT

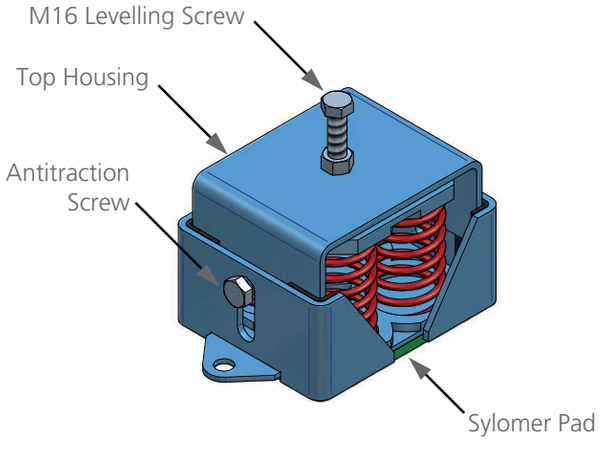
WATCH THIS MOVEMENT IN VIDEO



ANTISEISMIC ASSEMBLY INSTRUCTIONS

- Coordinate the location of each mount, depending on the installation drawing or the positions recommended in the theoretical calculations.
- Elevate the equipment and place the mounts under the equipment.
- Lower the equipment and support it on the spring mounts, taking care not to overload any of the spring mounts.
- Turn the leveling screw clockwise on the lowest equipment corner until the equipment is levelled. Do not attempt to place all the weight on any one spring mount, but distribute the load proportionately.
- Continue to turn each leveling screw until the top load plate reaches operating height (see static deflection values of the theoretical calculations).
- Make sure that the M16 Anti-traction screws are correctly installed on both lateral sides of the spring mount. It is not necessary to apply any tighten torque on them.
- When the equipment is completely installed and operating, tighten each M16 nut of the leveling screw.
- Do not attempt to move the isolators laterally with the weight of the equipment on them, in order to avoid any bend or brake of the spring mount housing or slippage of the Sylomer® pad and the bottom housing. If it is necessary to move the equipment, remove the weight from the isolators by raising the equipment before moving.





AMC MECANOCAUCHO®
ONLINE CALCULATION SOFTWARE

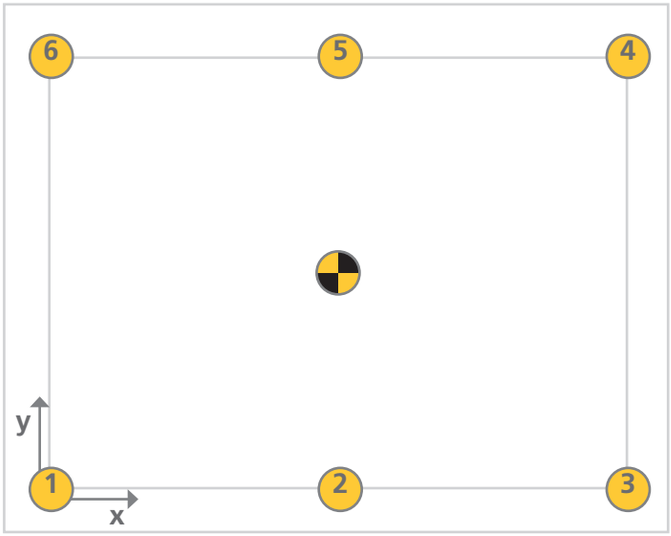
TRAINING WILL BE PROVIDED BY OUR APPLICATION ENGINEERS.

Total Center of Gravity

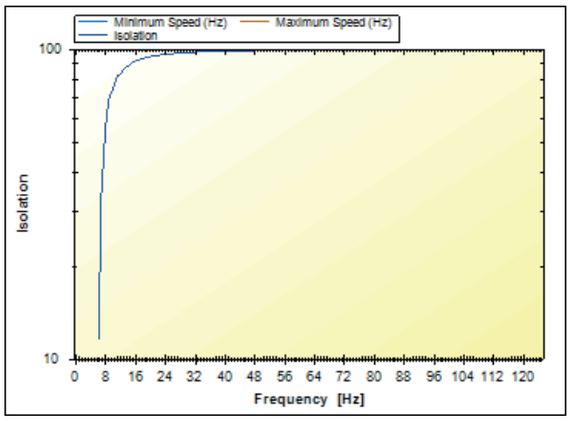
Xcdg (mm.)	Ycdg (mm.)	**Total Mass**
860,0000	500,0000	700,00 Kg.

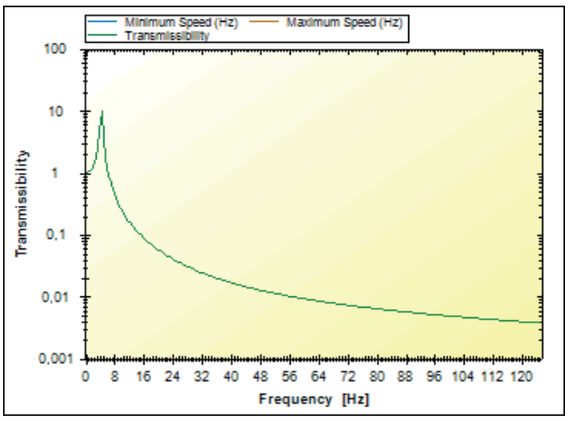
System Loads

Name	x	y	m



AMC MECANOCAUCHO® TECHNICAL SUPPORT								
N°	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

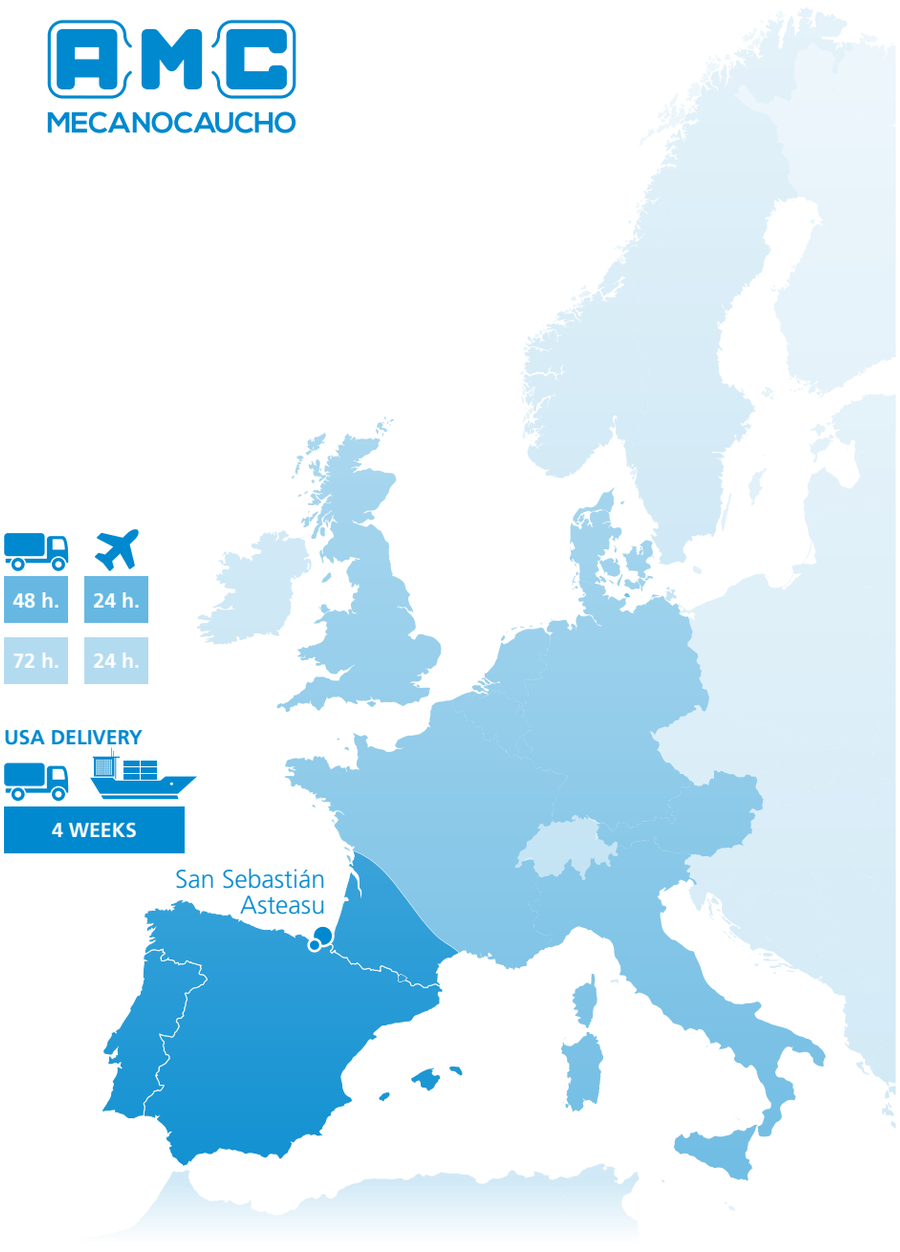




Isolation % for the order 1,00 **at** 1.500,00 **rpm** 96,25 %

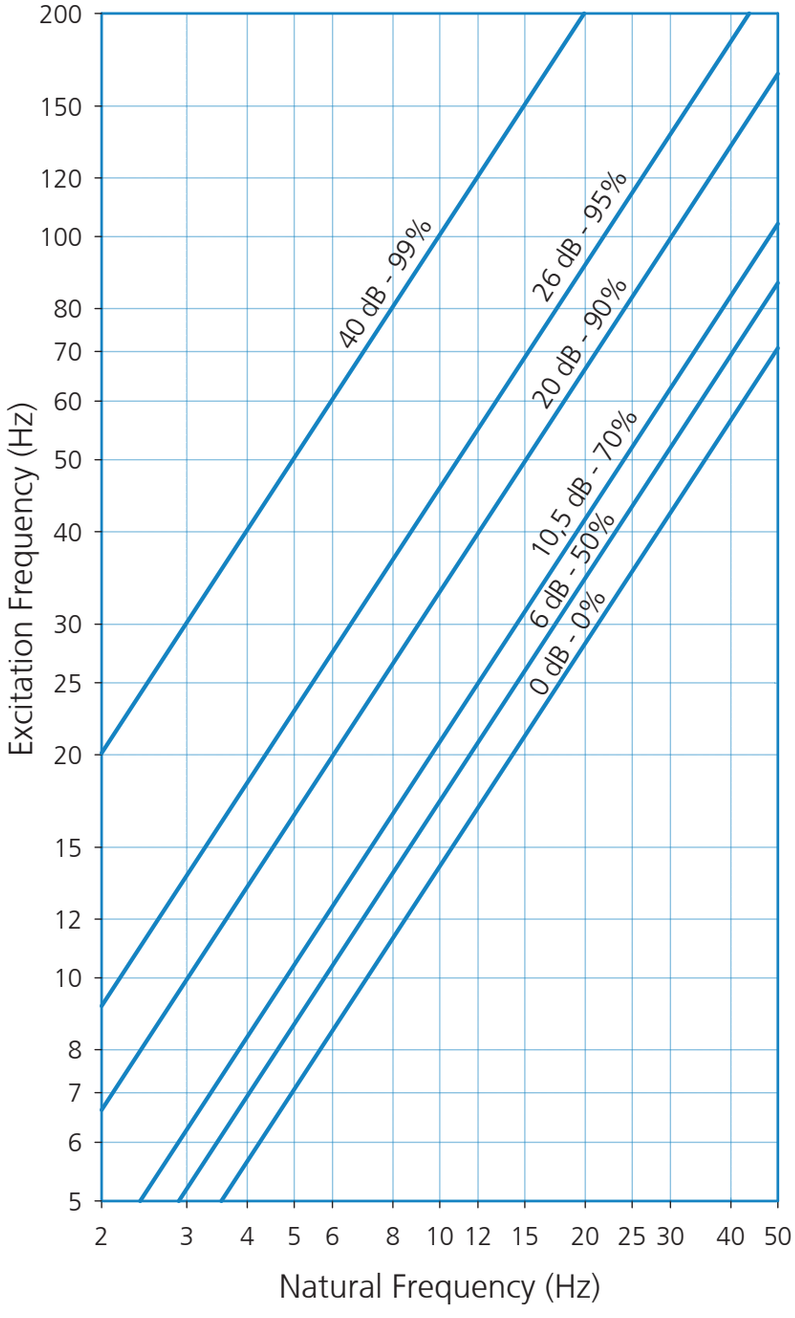
Do not hesitate to ask us for login details at **sales@amcsa.es**

AMC
MECANOCAUCHO



Our stock is at your service.

VIBRATION ISOLATION GRAPH



OTHER AMC PRODUCTS

AMC-MECANOCAUCHO® ANTIVIBRATION MOUNTINGS

Rubber to metal mounts for industrial applications.

AKUSTIK & AKUSTIK+sylomer®

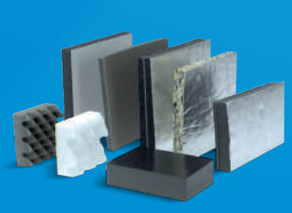
Optimized acoustic hangers, floor mounts and wall ties for the structure borne noise isolation of buildings and machinery.

sylomer®

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.

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www.akustik.com
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