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Vibrabsorber
by getzner
+sylomer®
General Catalogue

AMC
MECANOCAUCHO

AMC
MECANOCAUCHO

48 h. | 24 h.

72 h. | 24 h.

USA DELIVERY

4 WEEKS

San Sebastián
Asteasu



Our stock is at your service.

50 YEARS OF EXPERIENCE ENDORSE US

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

Factory 1 in Asteasu.



Factory 2 in Asteasu.



1969



1995



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AREAS OF APPLICATION

Our products are used in sectors such as:

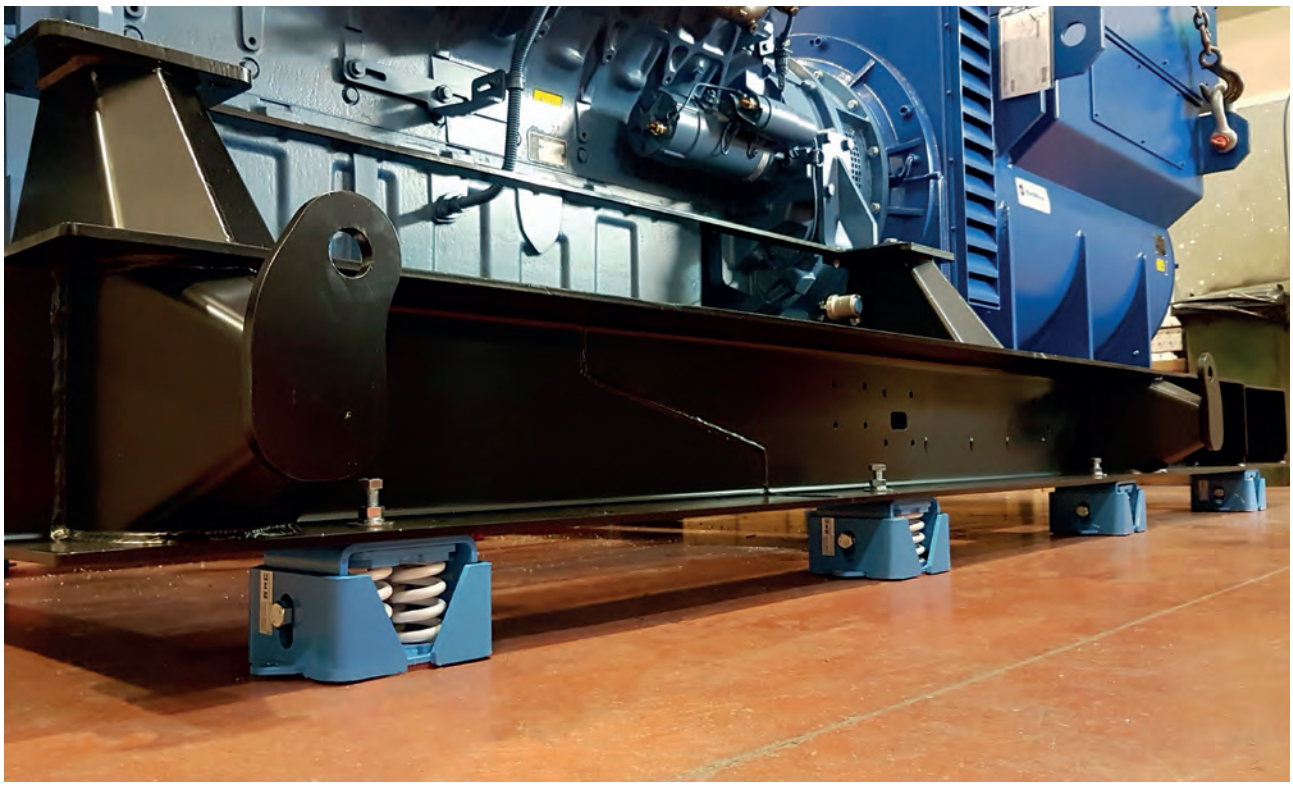
- Generation of electrical energy.
- Air compressors and Blowers.
- Pumps and Pumping equipment.
- Industrial vehicles.
- Machine Tools.
- Marine propulsion and auxiliary equipment.
- Agricultural and construction equipment machinery.
- Acoustic isolation of premises.



Compressor insulated with VIBRABSORBER +Sylomer®



Generator set insulated with VIBRABSORBER+Sylomer®



Generator set insulated with VIBRABSORBER+Sylomer®



Ventilation system insulated with VIBRABSORBER

QUALITY COMMITMENT

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

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

ISO 9001:2014


DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

APLICACIONES MECANICAS DEL CAUCHO, S.A. AMCSA

ISO 9001:2015

ISO 14001: 2014


DNV·GL

MANAGEMENT SYSTEM CERTIFICATE

APLICACIONES MECANICAS DEL CAUCHO, S.A. AMCSA

ISO 14001:2015

Marine type approval


DNV·GL

TYPE APPROVAL CERTIFICATE

NATO certificate

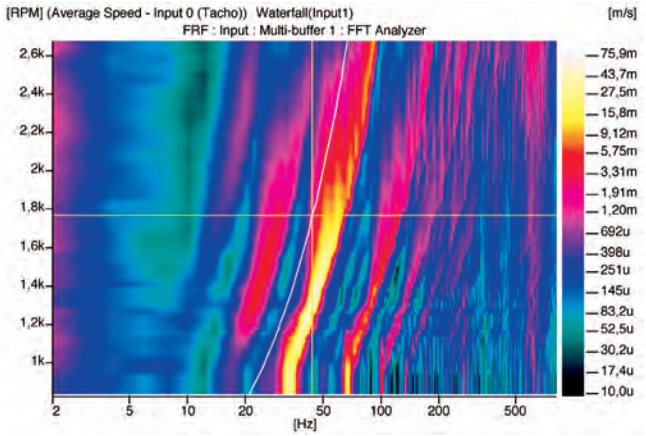




THE SOLUTION

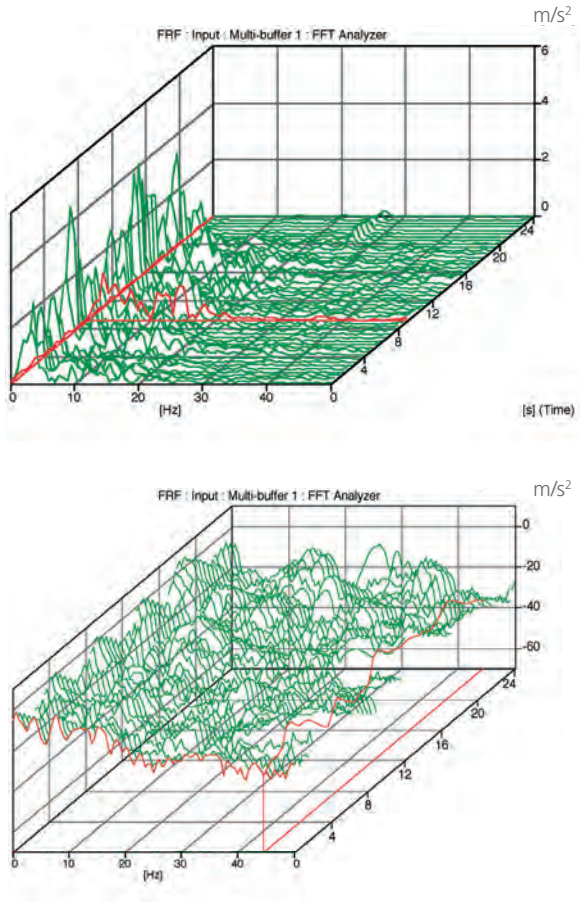
All machinery which by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts.

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



FFT analysis of orders for a diesel engine

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

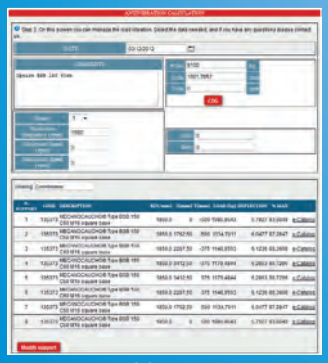


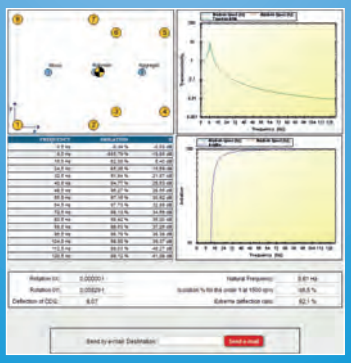
3D graphics of the vertical acceleration of a radiator

ENGINEERING

1. Calculation

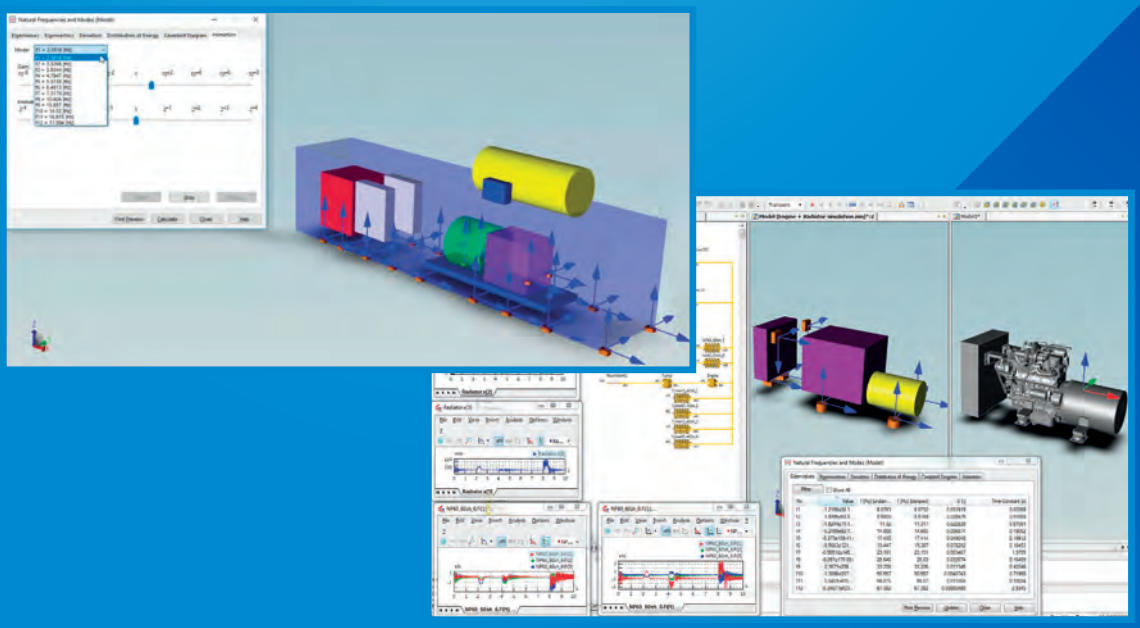






One degree of freedom calculation

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



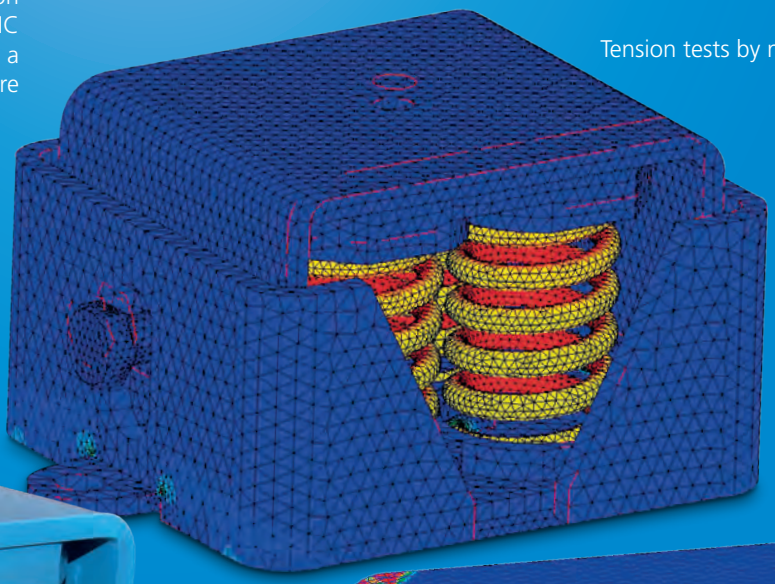
Anti-vibration calculation with more than one degree of freedom.

2. Design



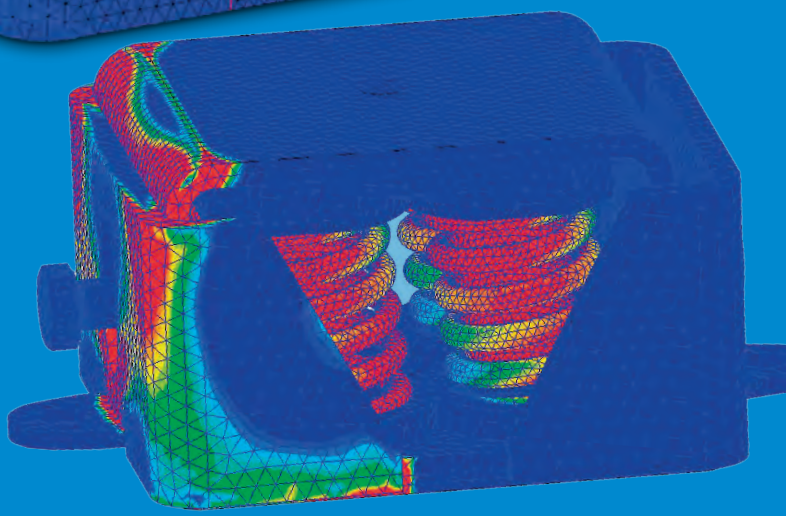
After studying client specific needs for the application and the isolation performance required, AMC MECANOCAUCHO® can produce a new design if standard products are not suitable.

Tension tests by non linear FEM.





3D modelling of products

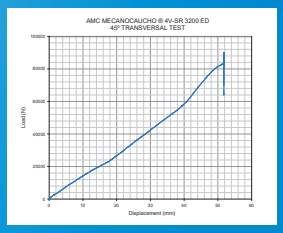


3. Test and dynamic characterisation





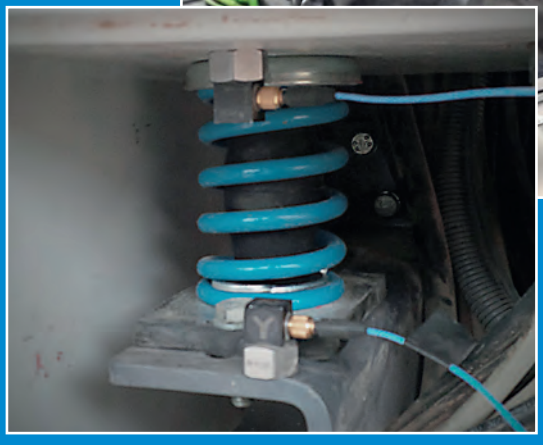




AMC MECANOCAUCHO® can offer customers a wealth of experience and know how in measuring noise and vibration to effect optimun solutions to those problems.

4. Measurements





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



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:

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

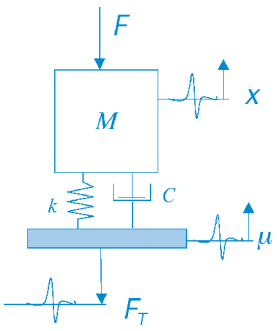


figure 3

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: $C_C = 2\cdot\sqrt{kM}$

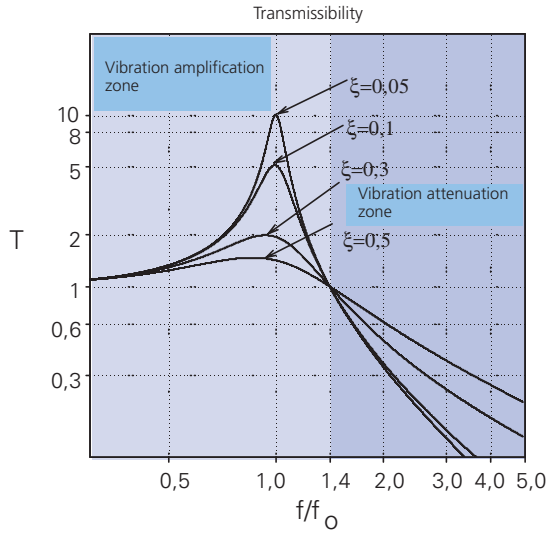
Where Cc is the critical damping and $\xi = \frac{C}{C_C}$ the damping coefficient.

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

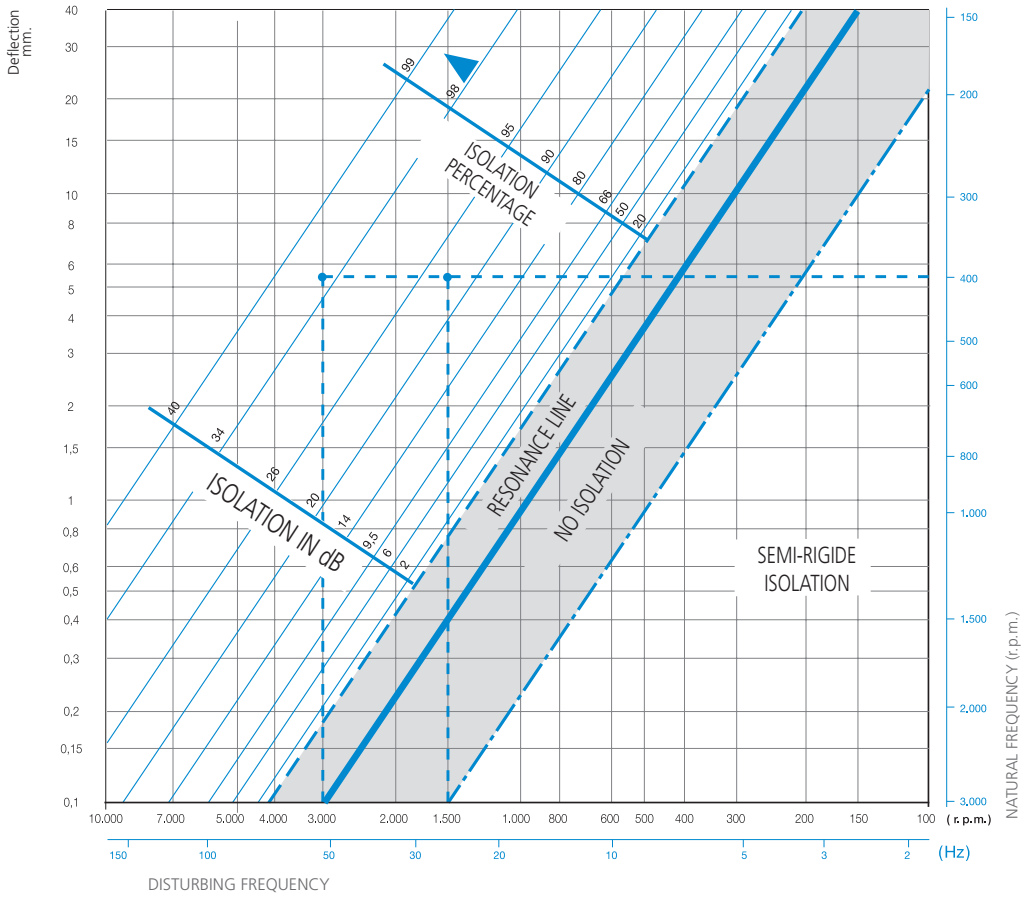
The metallic springs have very low damping. As we have mentioned previously, the metal spring coils, do not show any internal friction and therefore there is no energy dissipation through this phenomenon.

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.

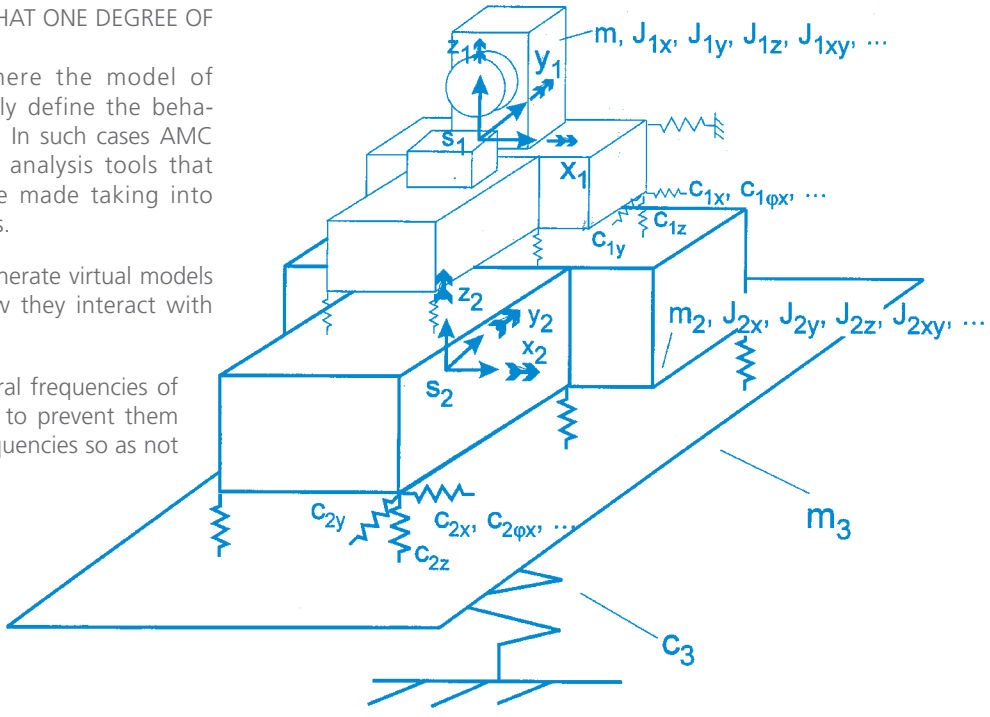


2.- ANALYSIS OF SYSTEMS OF MORE THAT ONE DEGREE OF FREEDOM

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.



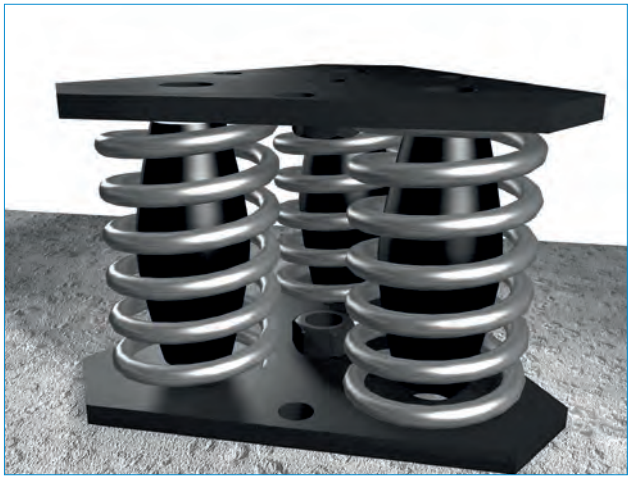
VIBRABSORBER MOUNT CHARACTERISTICS

FUNCTION OF INVERTED DOUBLE CONE
INSIDE THE SPRING

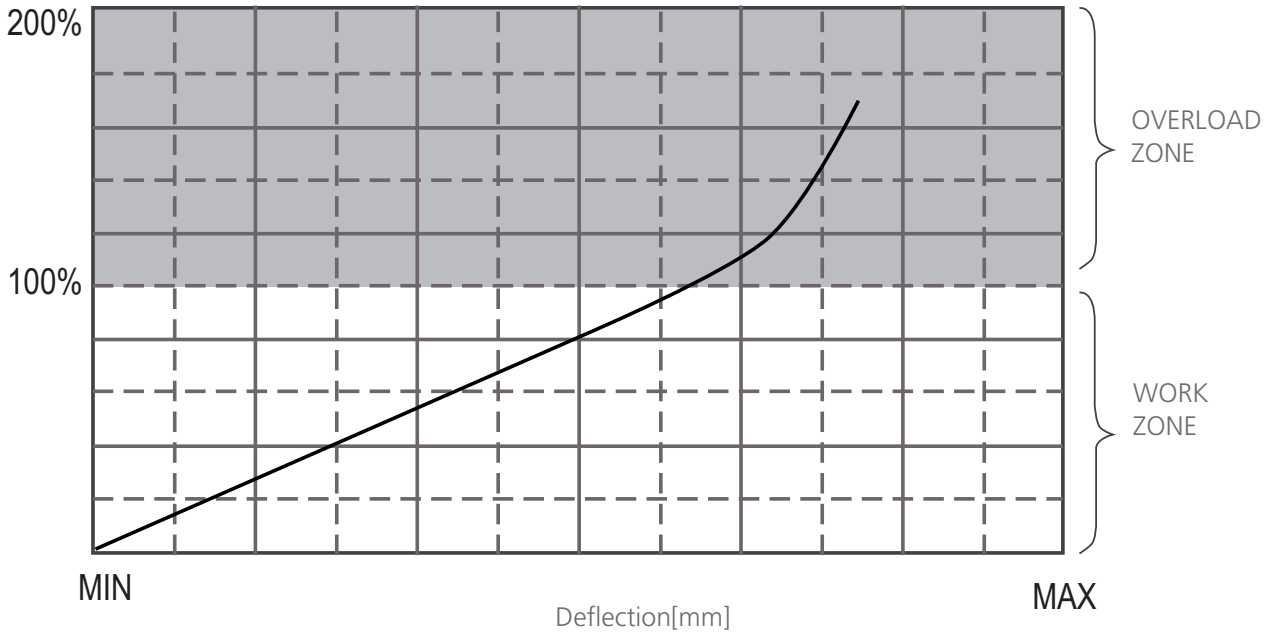
The function of this element is to limit the compression of the spring in case of an unexpected overload, acting as an end-of-stroke buffer







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.

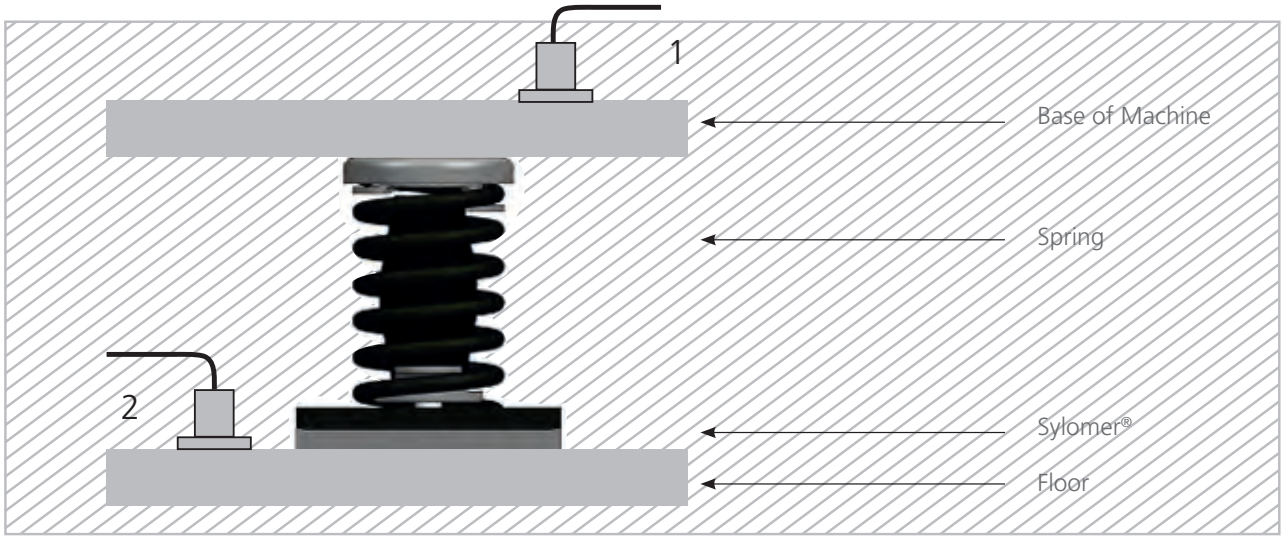


TEST METHOD:

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:

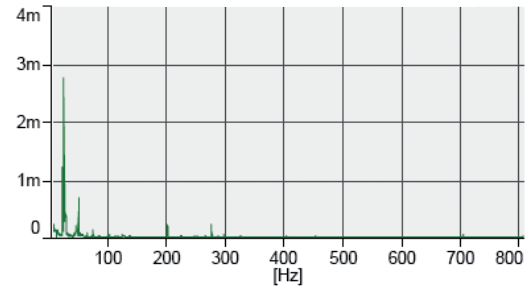
FFT Pulse, Bruel & Kjaer multi analyser. The spectrums shown in the graphics demonstrate that they are within a frequency range of 0-1000Hz and 1600 lines, represent the vibratory speed.

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.

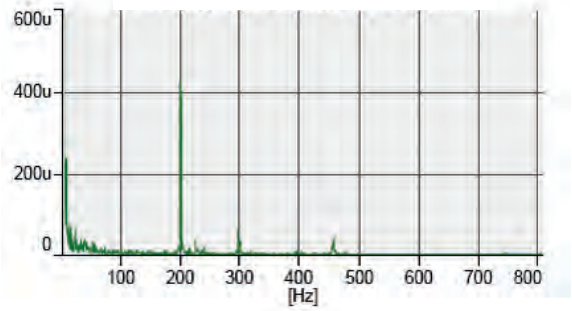
2. Results on the Machine POINT 2 without Sylomer®:
   In this graphic, a reduction can be observed in the predominant peaks. What is most noticeable is that frequencies above 200Hz are transmitted through the coils of the spring. These frequencies from 100 to 500 Hz are considered "audible" frequencies, 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.

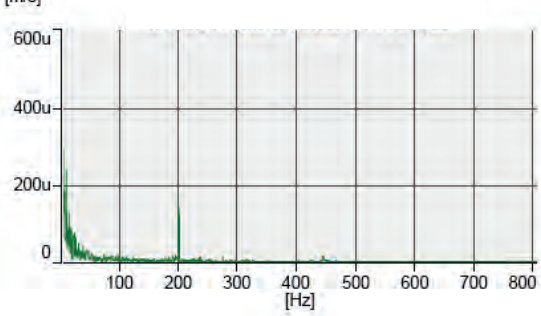
1. Autospectrum (Motor velocity) – Point 1 and Working: Point 6z: Input: FFT Analyzer



2. Autospectrum (Chassis velocity) – Point 1 and Working: Point 6z: Input: FFT Analyzer



3. 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®

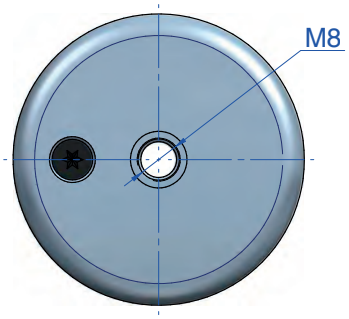


VIBRABSORBER
+ SYLOMER

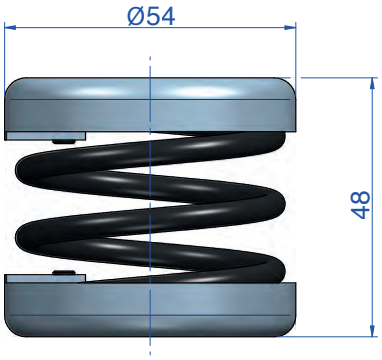
B Series

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.

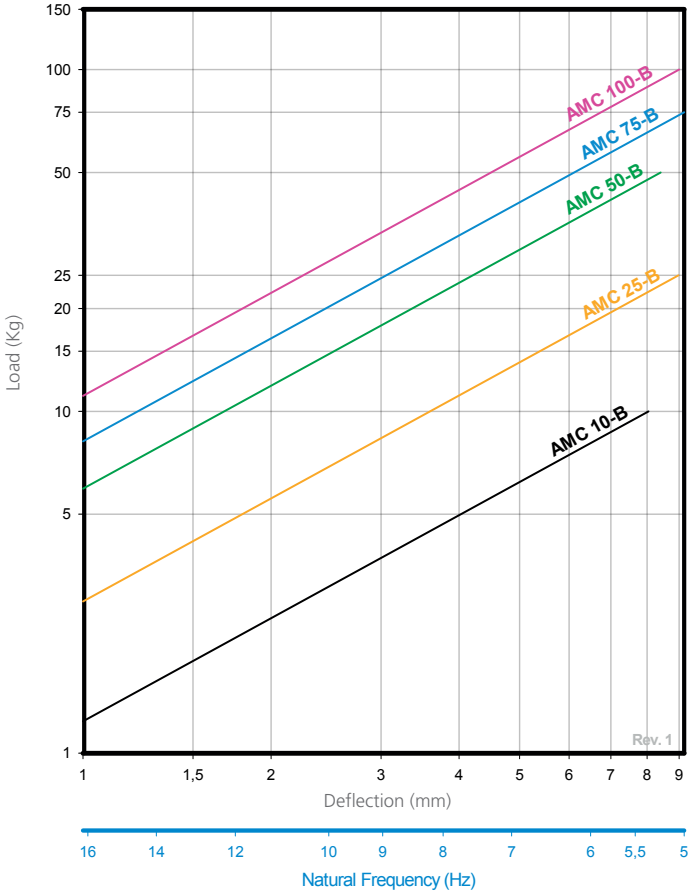
This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important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







LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® B SERIES



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

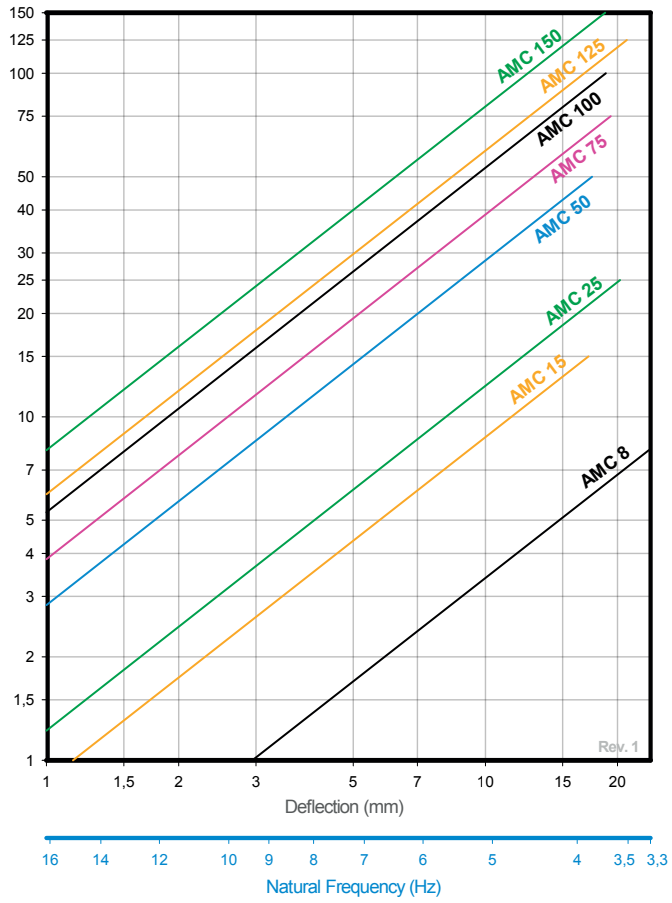
Medium Series

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

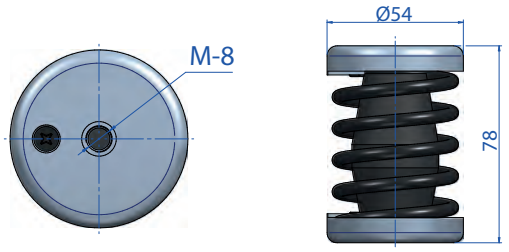
Vibrabsorber

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

LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® MEDIUM SERIES



AMC15-150

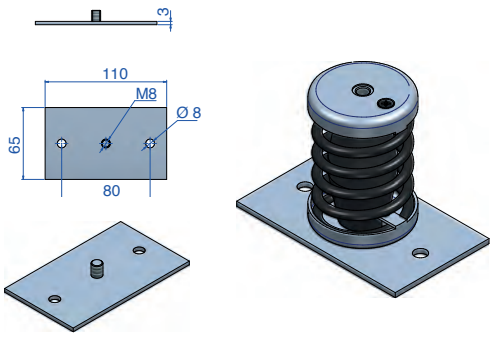


Round rubber base

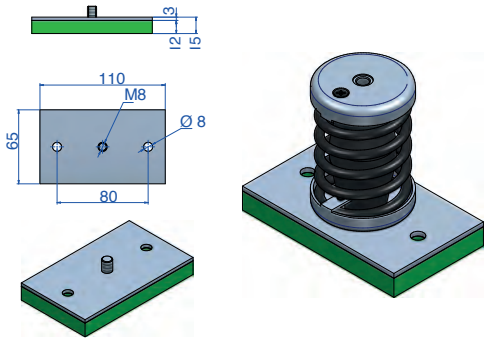
Ø64 x 7 x M8



Rectangular base



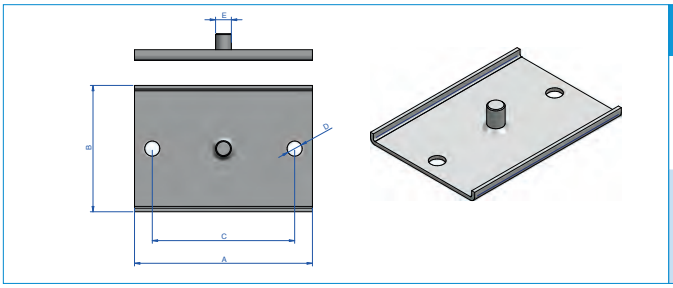
Rectangular base



Bases

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

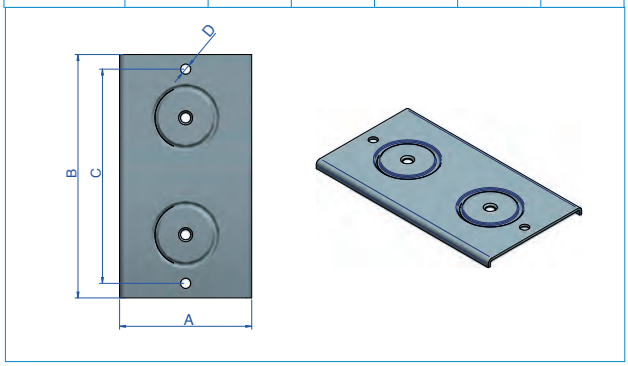
1AMC



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

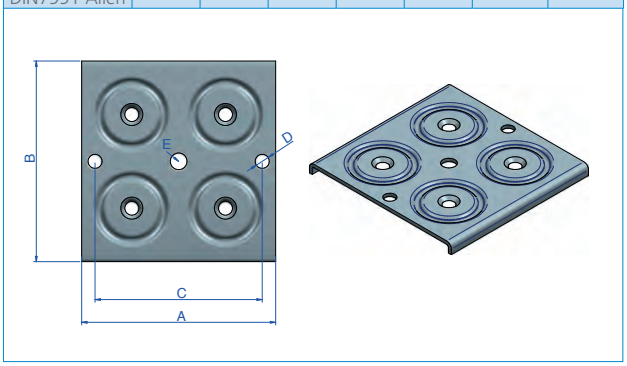
2AMC

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



4AMC

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



1 AMC Dual cup

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

Vibrabsorber



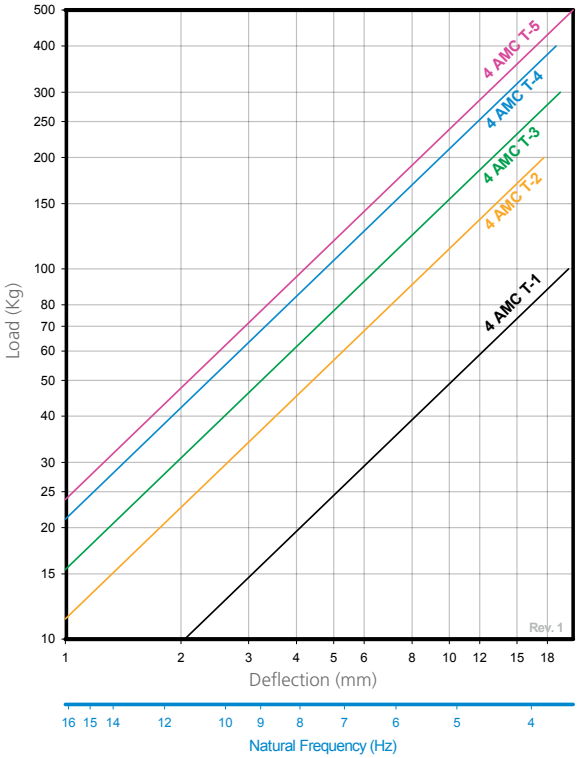
Type	Spring color	A (mm)	B (mm)	C (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
150	BLUE	75	116	M-12	150	**20309**	1,102	52
200	WHITE	75	116	M-12	200	**20310**	1,138	66
250	BLACK	75	116	M-12	250	**20320**	1,225	83
350	CREAM	75	116	M-12	350	**20330**	1,392	114
500	LIGHT GREY	90	116	M-12	500	**20340**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

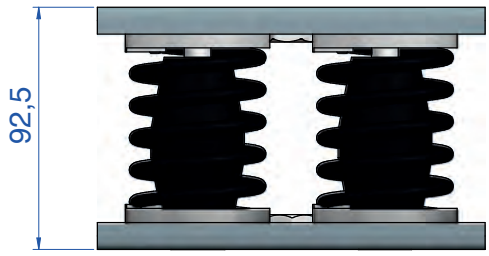
4 AMC T

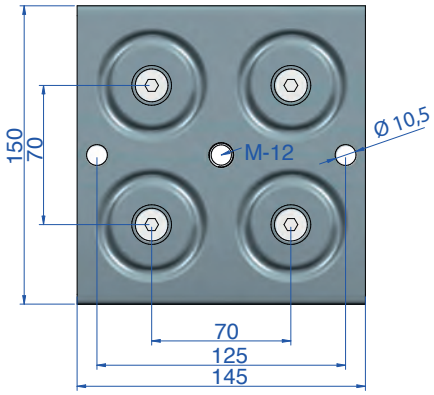
The 4 AMC T spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

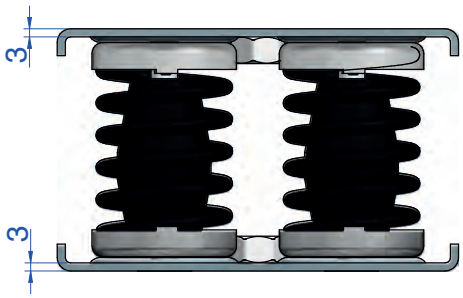
Type	Spring color	Min. Load (kg)	Max. Load (kg)	**Code**	Weight (kg)	K N/mm
4 AMC T-1	BLACK	40	100	**20011**	6,423	48
4 AMC T-2	BLUE	100	200	**20012**	6,645	111
4 AMC T-3	GREY	200	300	**20013**	6,899	151
4 AMC T-4	BEIGE	300	400	**20014**	6,954	207
4 AMC T-5	WHITE	400	500	**20015**	7,122	234

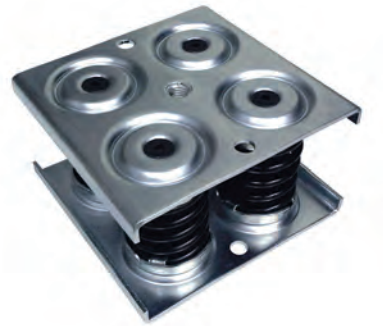
LOAD VS DEFLECTION GRAPH
4 AMC T











1 AMC

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

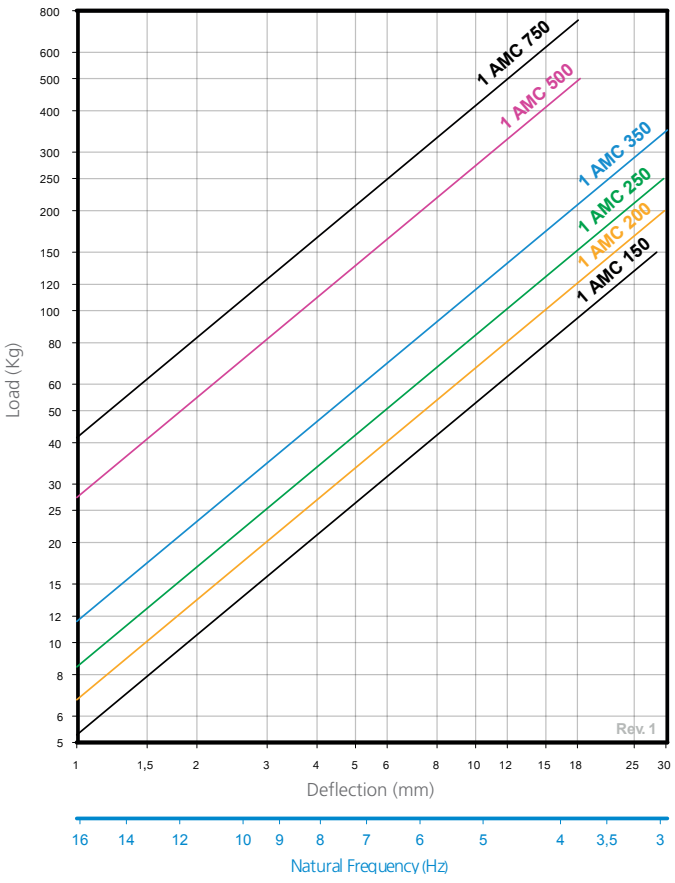
Vibrabsorber + sylomer® by getzner

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

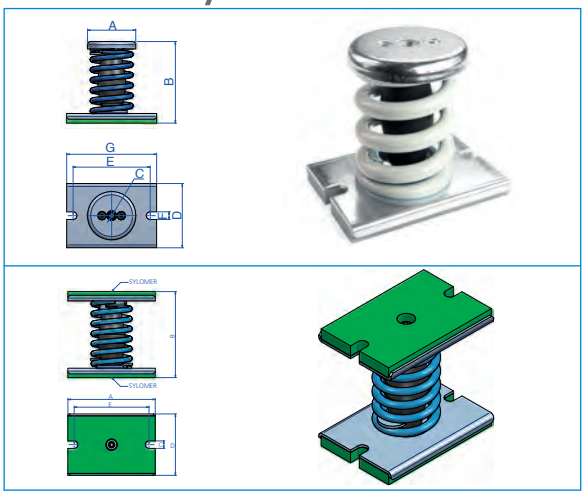
Vibrabsorber

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

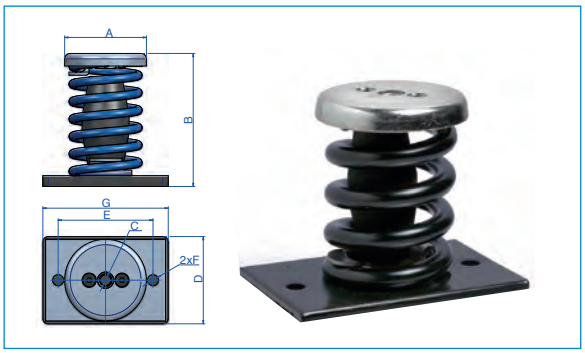
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1AMC



Vibrabsorber + sylomer® by getzner



Vibrabsorber



2 AMC

The 2 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

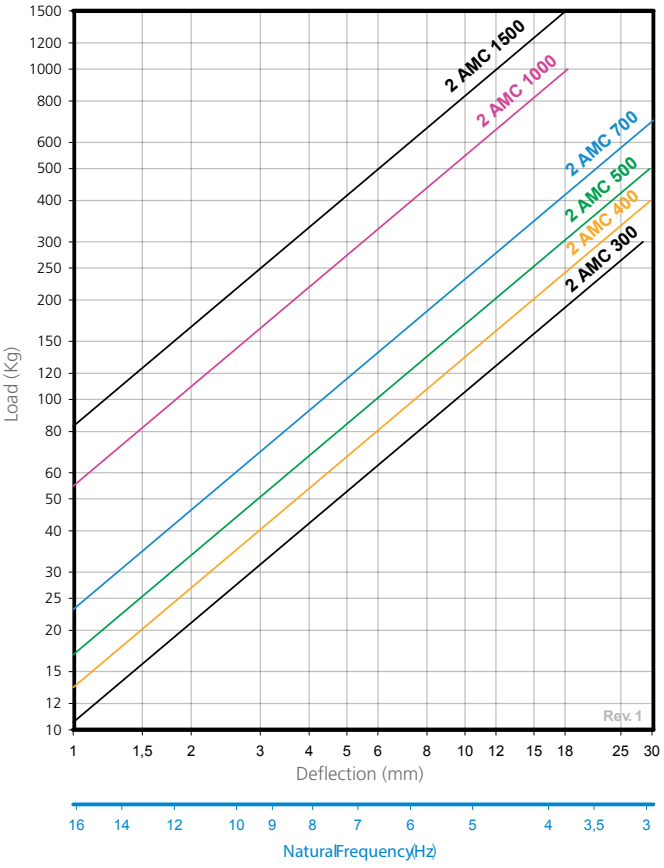
Vibrabsorber + sylomer®

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

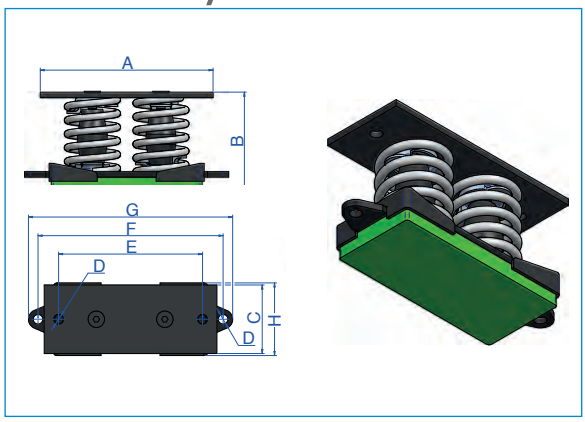
Vibrabsorber

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

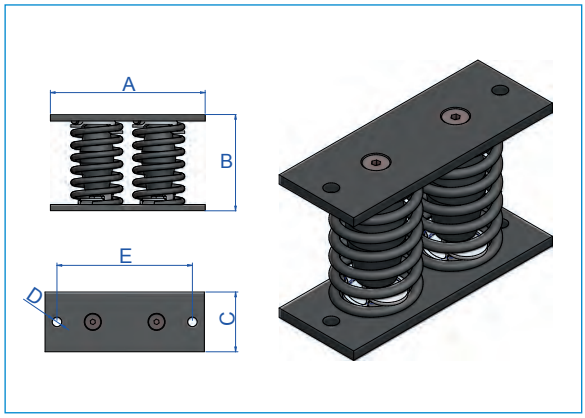
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2AMC



Vibrabsorber + sylomer®



Vibrabsorber



3 AMC

The 3 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

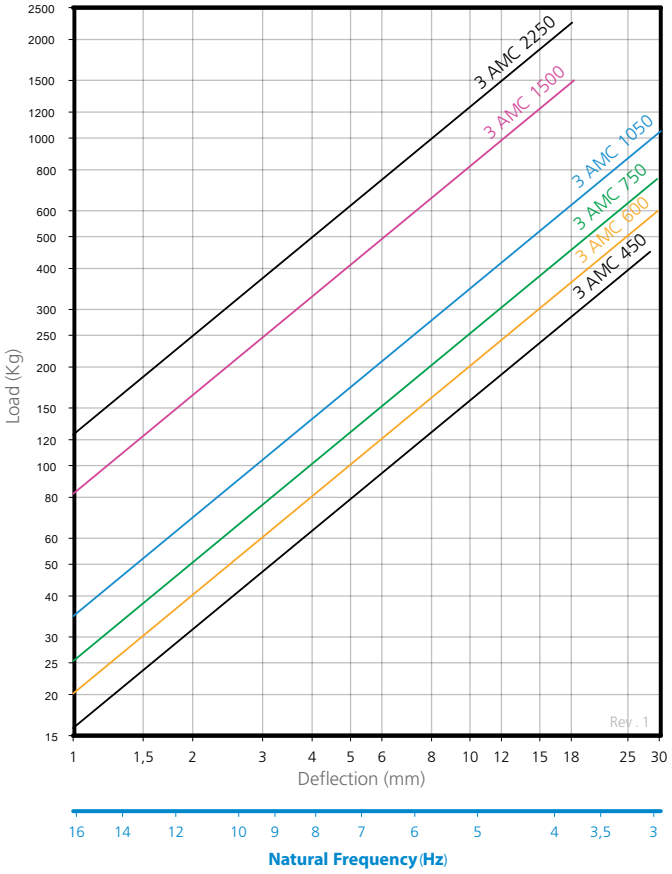
Vibrabsorber + sylomer® by getzner

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

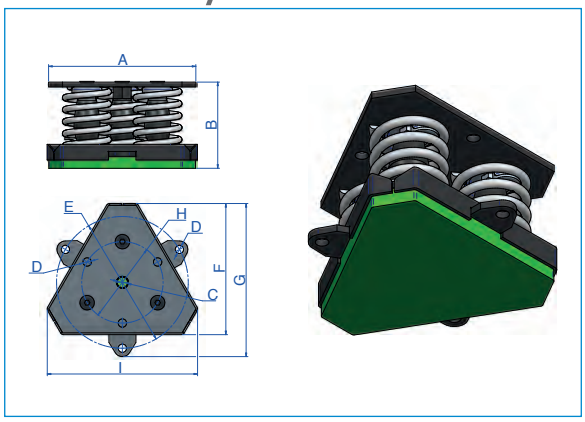
Vibrabsorber

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

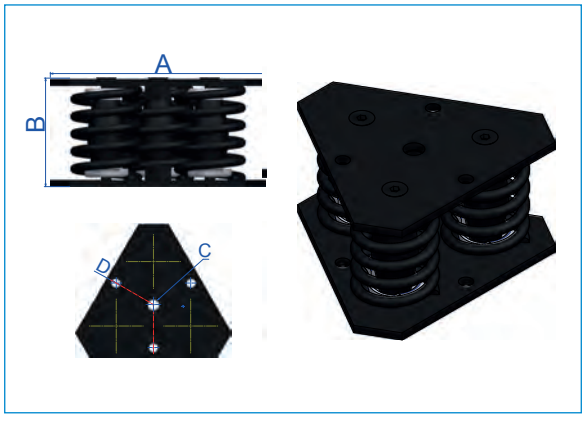
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 3AMC



Vibrabsorber + sylomer® by getzner



Vibrabsorber



4 AMC

The 4 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

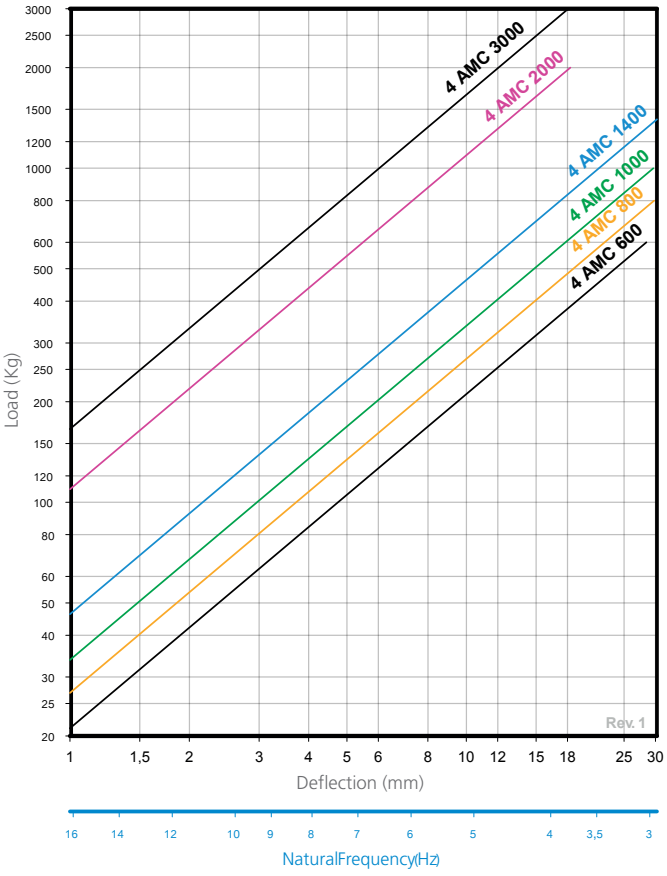
Vibrabsorber + sylomer®

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

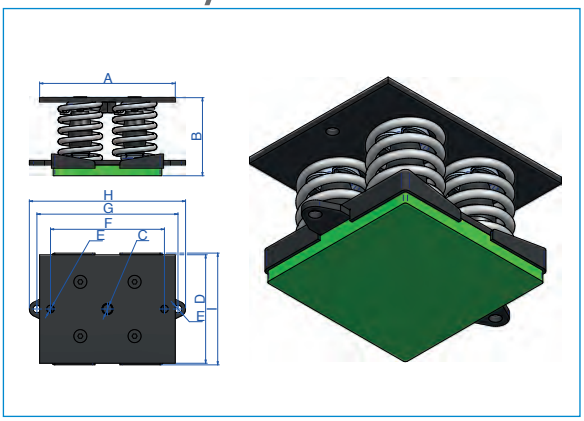
Vibrabsorber

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

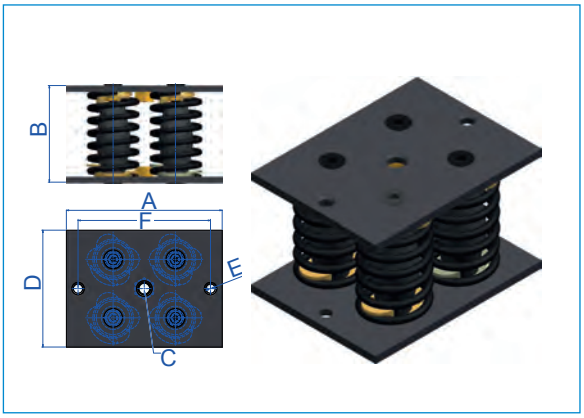
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4AMC



Vibrabsorber + sylomer®



Vibrabsorber



5 AMC

The 5 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

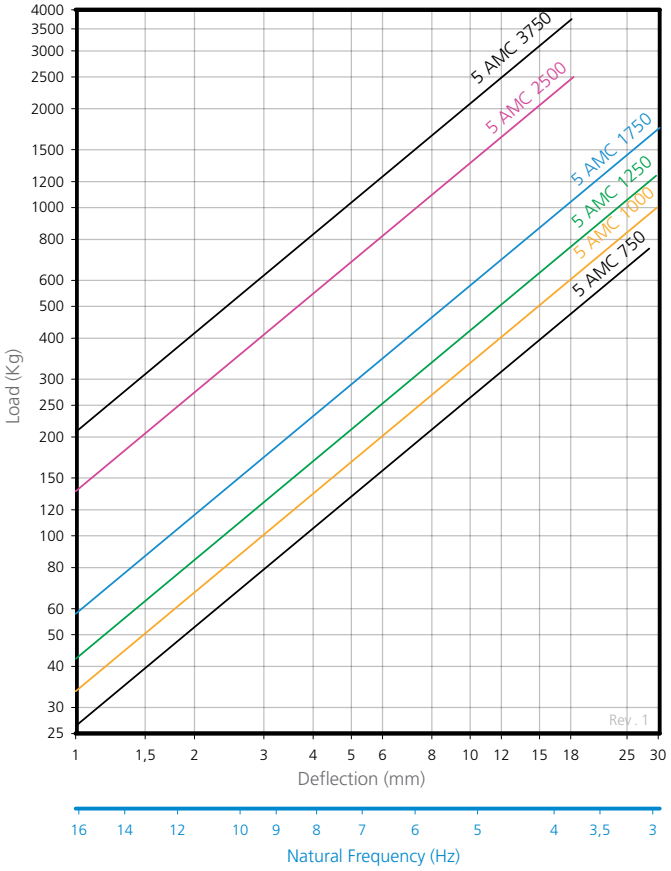
Vibrabsorber + sylomer® by getzner

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

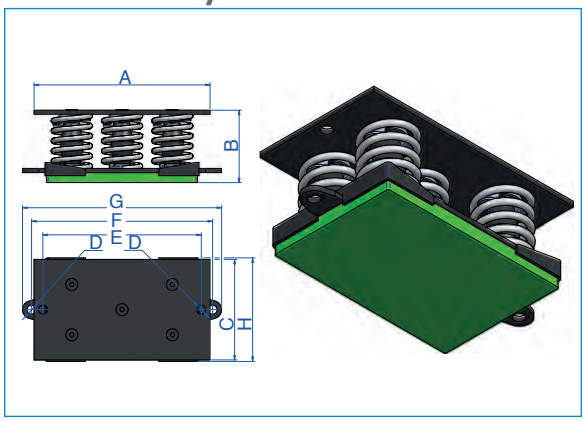
Vibrabsorber

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

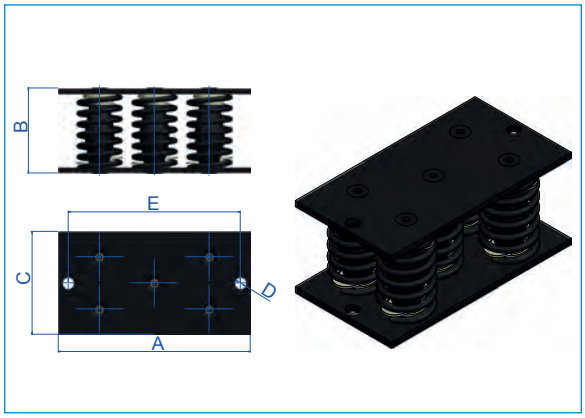
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AMC-MECANOCAUCHO® 5AMC



Vibrabsorber + sylomer® by getzner



Vibrabsorber



6 AMC

The 6 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

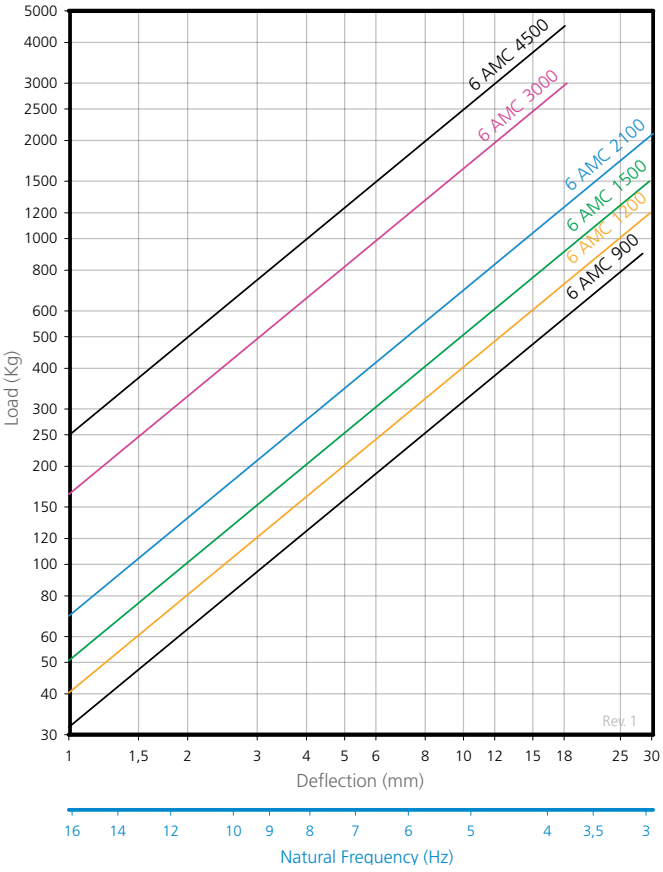
Vibrabsorber + sylomer®

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

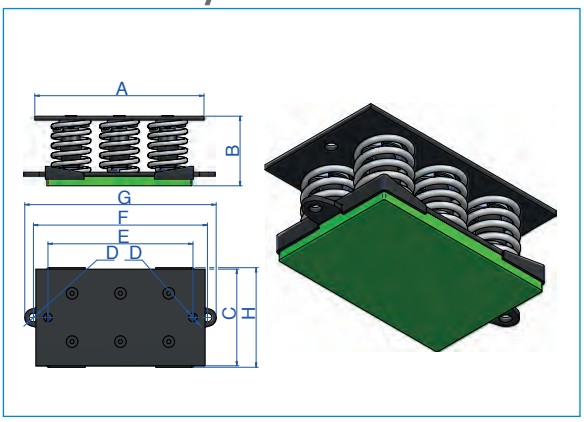
Vibrabsorber

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

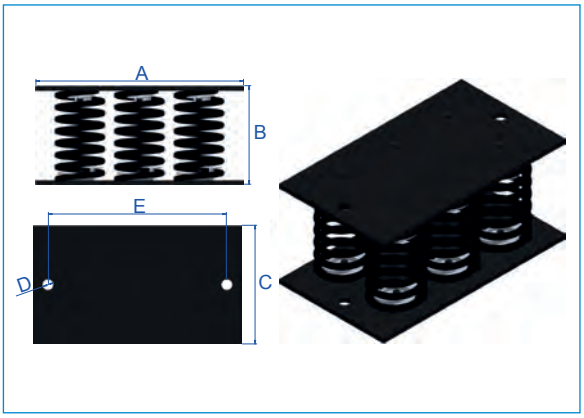
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6AMC



Vibrabsorber + sylomer®



Vibrabsorber



9 AMC

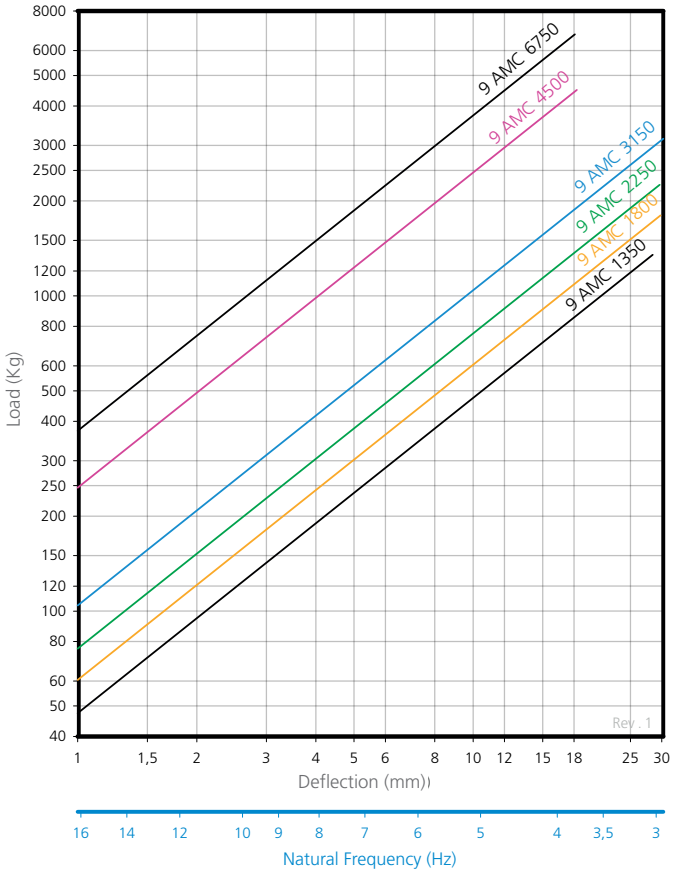
The 9 AMC spring mount is necessary in all machinery, which, by virtue of its design, has reciprocating or rotating parts, creates vibration to some degree through the imbalance of the moving parts. This vibration produced by a machine leads to different problems, such as a reduction in the machine's useful life through part wear, plus the transmission of this vibration to other non-insulated adjacent structures, giving rise to problems of noise and vibration transmission. It is therefore important to install a spring mount to machinery.

Vibrabsorber + sylomer® by getzner

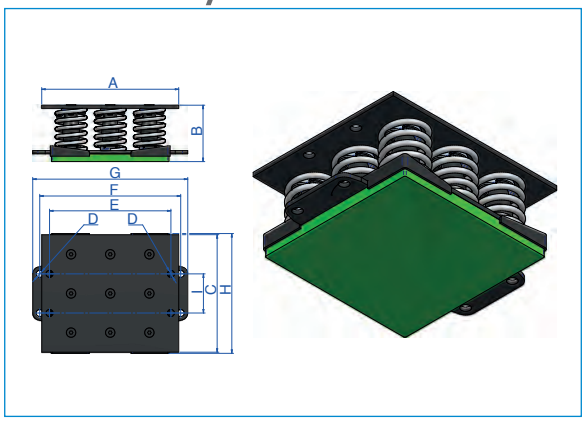
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
9 AMC 1350+Sylomer®	BLUE	280	136	226	16	248	290	322	232	75	1350	**20971**	13,702	465
9 AMC 1800+Sylomer®	WHITE	280	136	226	16	248	290	322	232	75	1800	**20972**	14,044	593
9 AMC 2250+Sylomer®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

Vibrabsorber

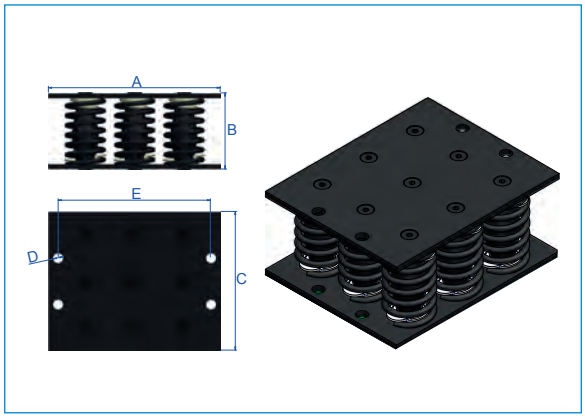
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Max. Load (kg)	Code	Weight (kg)	K (N/mm)
9 AMC 1.350	BLUE	280	124	226	16	248	-	-	-	-	1350	**20901**	13,702	465
9 AMC 1.800	WHITE	280	124	226	16	248	-	-	-	-	1800	**20911**	14,044	593
9 AMC 2.250	BLACK	280	124	226	16	248	-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



Vibrabsorber + sylomer® by getzner



Vibrabsorber

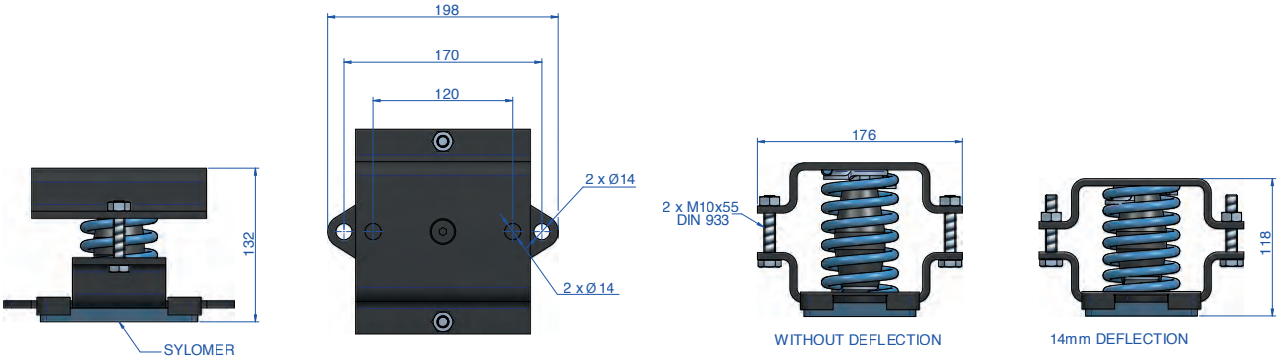


PS+SYLOMER® SPRING-MOUNTS

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

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

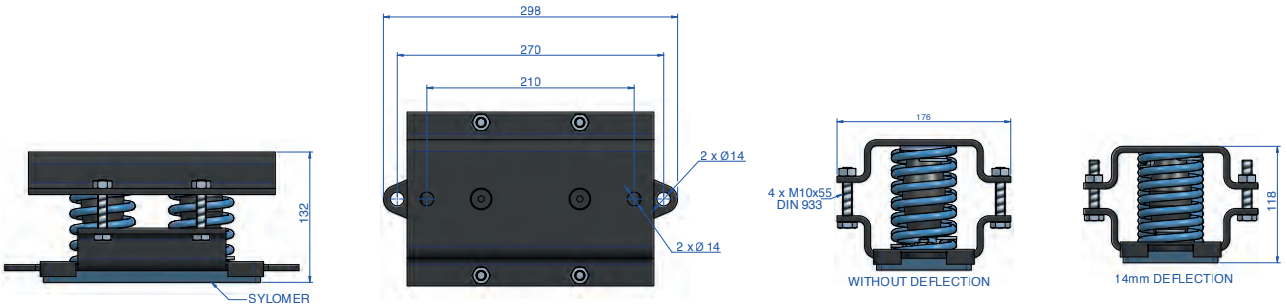
Ps+Sylomer® 1 AMC Preload



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



Ps+Sylomer® 2 AMC Preload



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



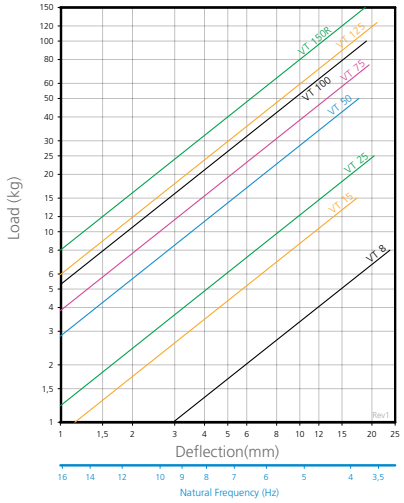
VT / VT3

The VT range is designed for suspension of suspended acoustic ceilings and machinery operating at more than 450 r.p.m. These isolators are made of piano tail spring quality with a high mechanical performance. They 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.

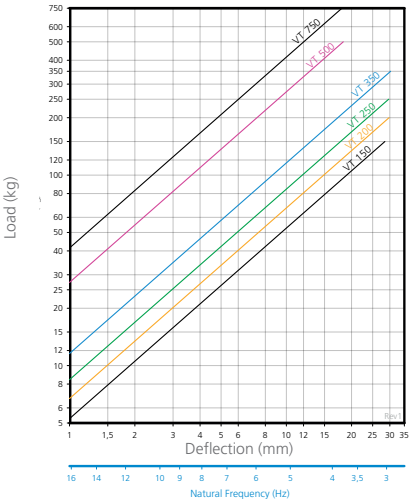

VT

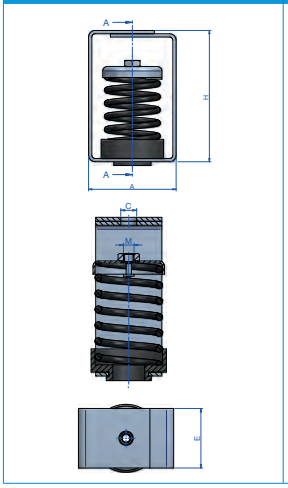
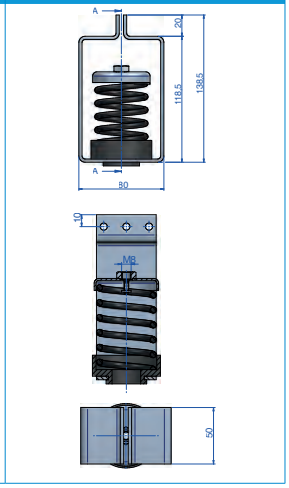

VT3

LOAD DEFLECTION CURVES
VT8 - VT150R HANGERS



LOAD DEFLECTION CURVES
VT150 - VT750R HANGERS



VT	VT3
	

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

VT-HD

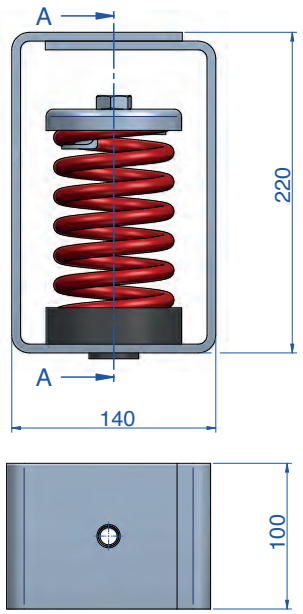
The metallic structure is very robust and it is supplied with an anti-corrosive zinc-plated coat.

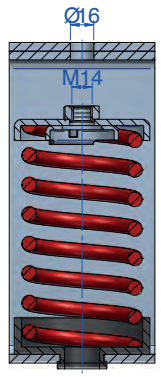
The assembly of this hanger is very simple, as it can be directly fastened to the ceiling through its top hole and a stud bolt can be directly fastened to the nut placed over the spring.

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



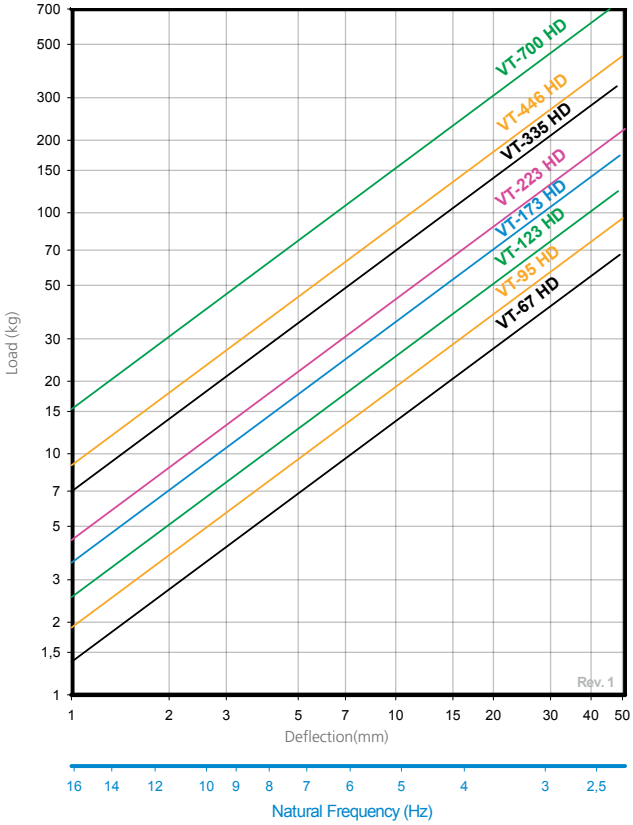
Type	Max. Permanent Load (kg)	Spring color	DEFLECTION mm	Code	K (N/mm)
VT-67 HD	67	BLUE	50	**20235**	13
VT-95 HD	95	WHITE	50	**20239**	19
VT-123 HD	123	BLACK	50	**20236**	25
VT-173 HD	173	BEIGE	50	**20240**	35
VT-223 HD	223	RED	50	**20237**	43
VT-335 HD	335	GREY	50	**20241**	68
VT-446 HD	446	GREEN	50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



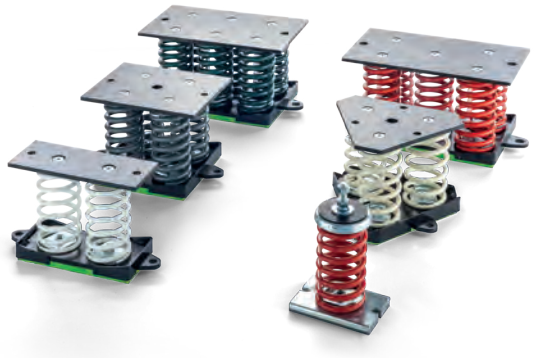


SECTION A-A

LOAD DEFLECTION CURVES
AMC -MECANOCAUCHO® VT HD HANGERS



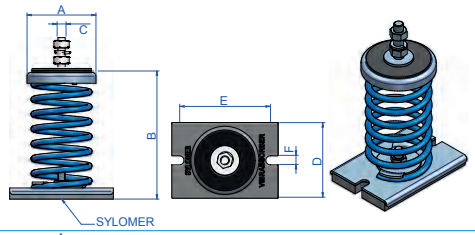
V-SH

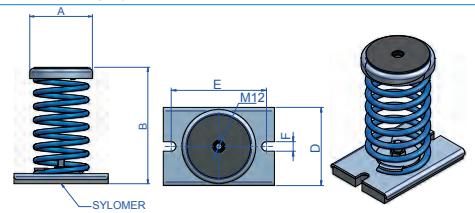


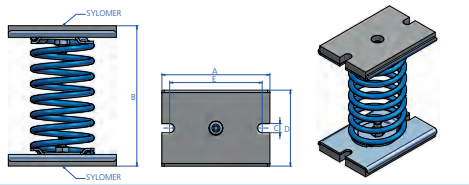
This range of mounts comprises:

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

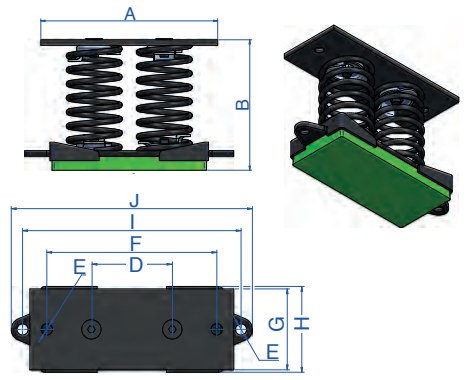
V-SH - Natural Frequency 3 to 5 Hz



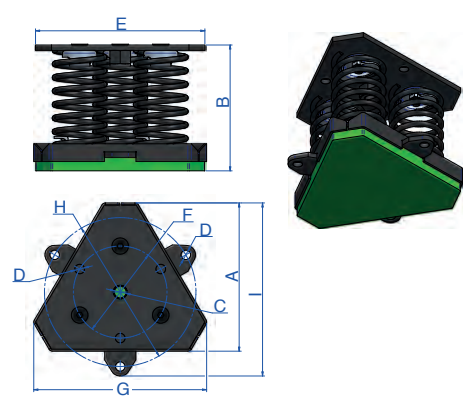




Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
V-SH 67	BLUE	93	173	M12	98,5	120	12	67	1,48	**20397**	13
V-SH 95	WHITE	93	173	M12	98,5	120	12	95	1,53	**20465**	19
V-SH 123	BLACK	93	173	M12	98,5	120	12	123	1,56	**20398**	25
V-SH 173	BEIGE	93	173	M12	98,5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

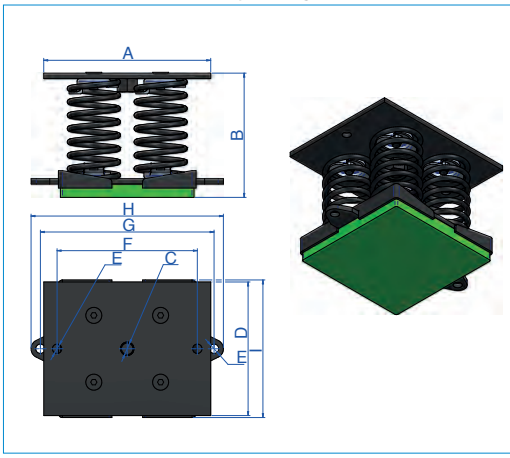


Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
2V-SH 134	BLUE	250	180	100	14	210	100	106	270	298	134	4,85	**20405**	27
2V-SH 190	WHITE	250	180	100	14	210	100	106	270	298	190	4,85	**21010**	37
2V-SH 246	BLACK	250	180	100	14	210	100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

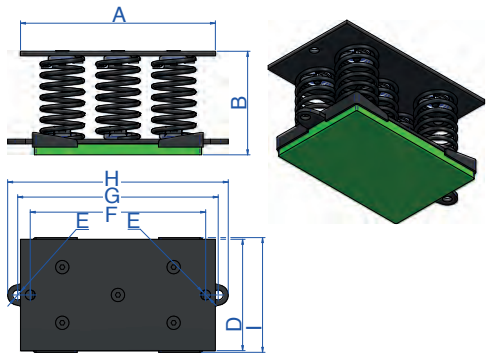


Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
3V-SH 201	BLUE	219	180	M20	14	246	136	251	220	255,7	201	4,85	**21020**	40
3V-SH 285	WHITE	219	180	M20	14	246	136	251	220	255,7	285	4,85	**21021**	56
3V-SH 369	BLACK	219	180	M20	14	246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

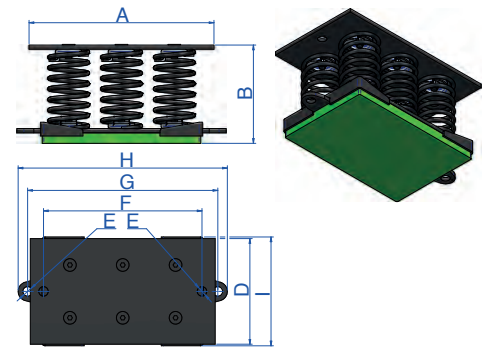
V-SH - Natural Frequency 3 to 5 Hz



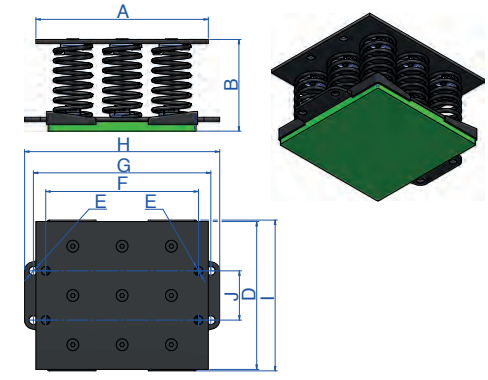
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
4V-SH 268	BLUE	250	180	M20	200	14	210	260	288	206	268	**21030**	11,15	54
4V-SH 380	WHITE	250	180	M20	200	14	210	260	288	206	380	**21031**	11,95	74
4V-SH 492	BLACK	250	180	M20	200	14	210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



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



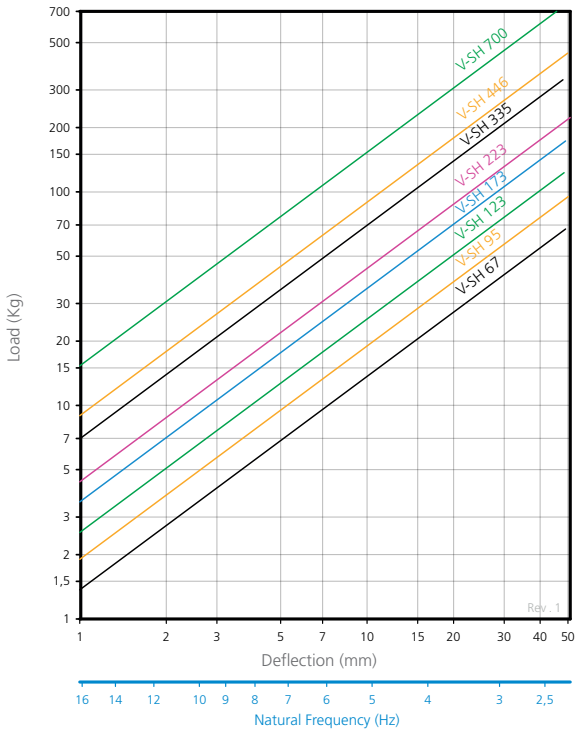
Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Code	Weight (kg)	K (N/mm)
6V-SH 402	BLUE	350	180	200	18	300	360	396	206	402	**21050**	13,87	80
6V-SH 570	WHITE	350	180	200	18	300	360	396	206	570	**21051**	14,212	112
6V-SH 738	BLACK	350	180	200	18	300	360	396	206	738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



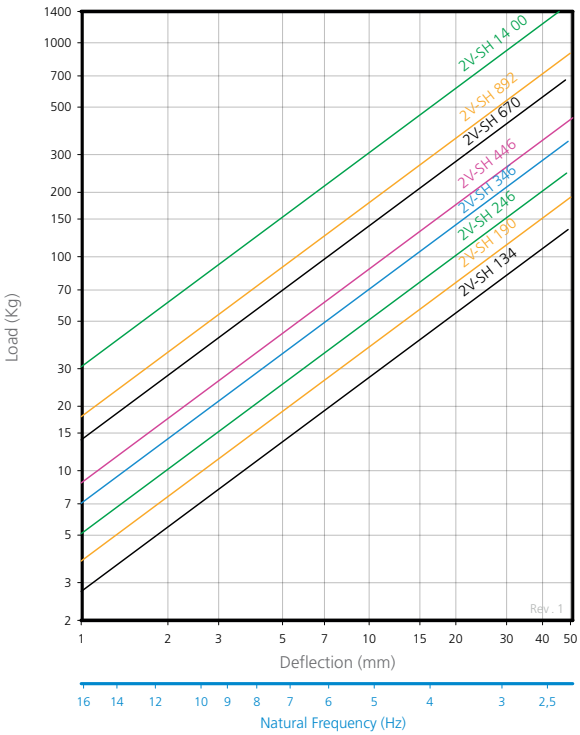
Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Code	Weight (kg)	K N/mm
9V-SH 603	BLUE	350	180	300	18	310	360	396	306	100	603	**21060**	21,176	121
9V-SH 855	WHITE	350	180	300	18	310	360	396	306	100	855	**21061**	21,689	167
9V-SH 1107	BLACK	350	180	300	18	310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

V-SH
ELASTICAL PROPERTIES

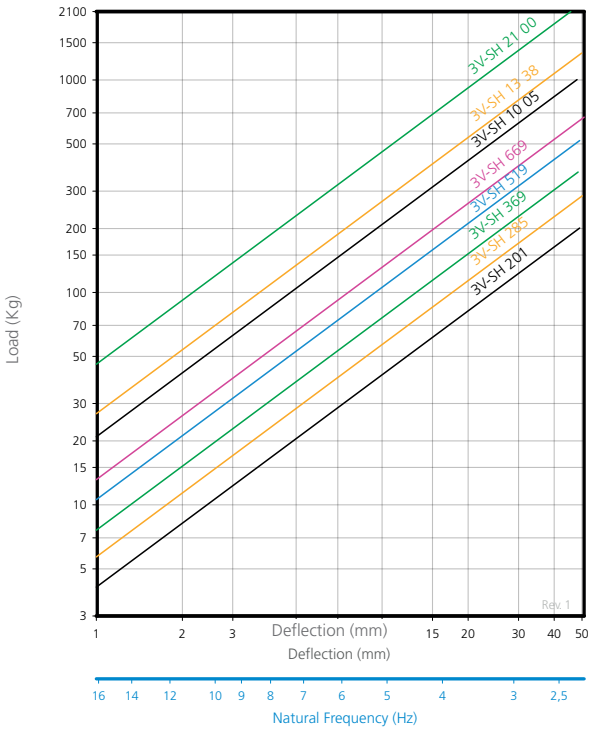
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AMC-MECANOCAUCHO® 1V-SH



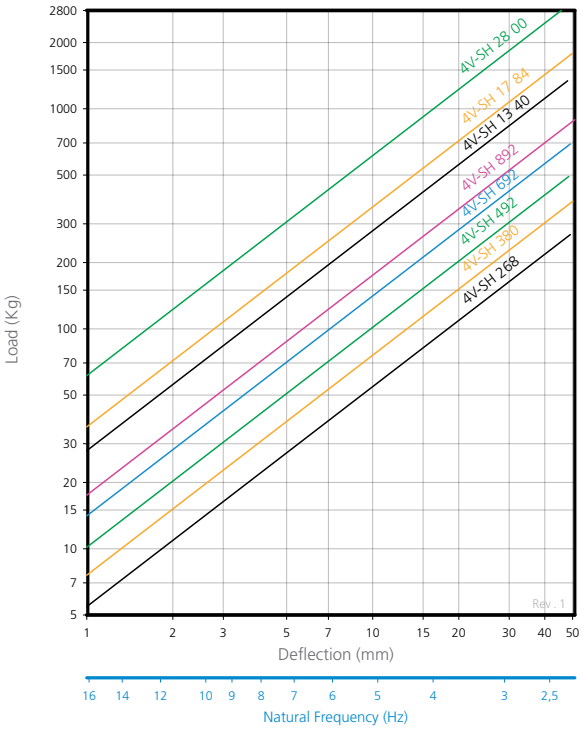
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AMC-MECANOCAUCHO® 2V-SH



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

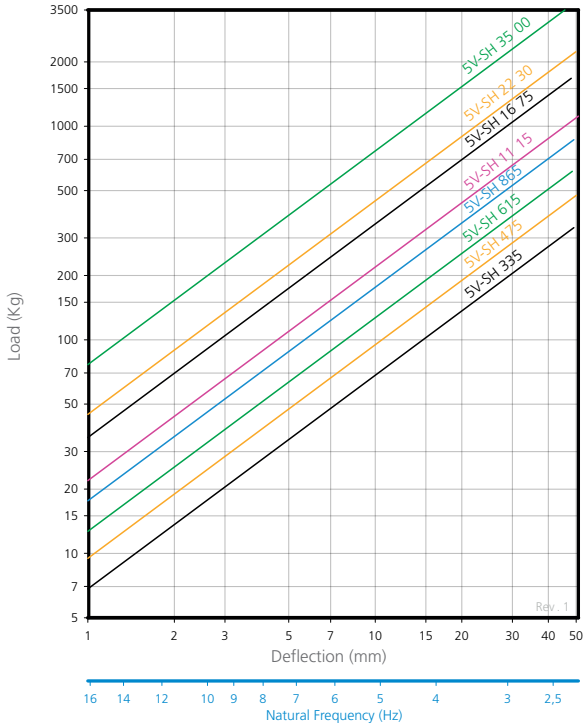


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AMC-MECANOCAUCHO® 4V-SH

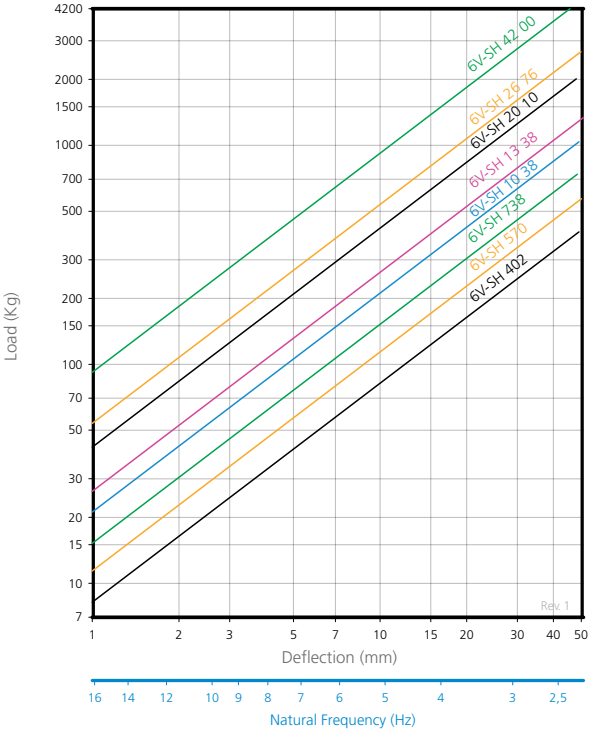


V-SH
ELASTICAL PROPERTIES

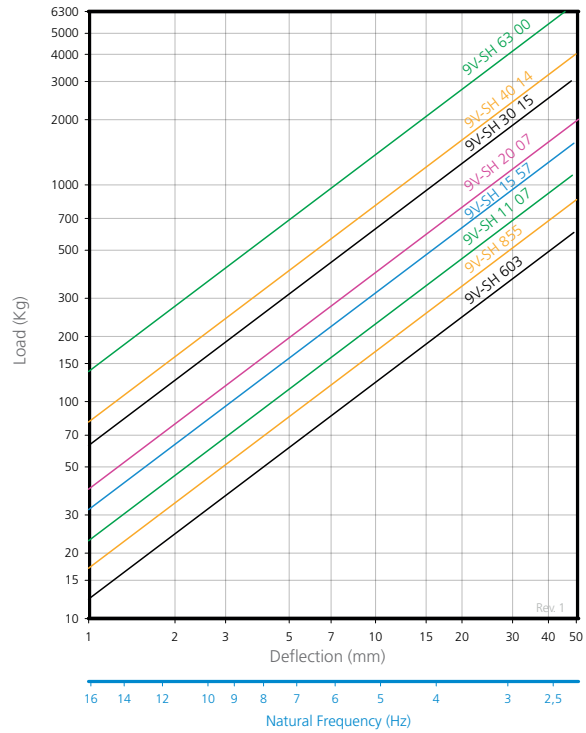
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SH



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



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





V-SR

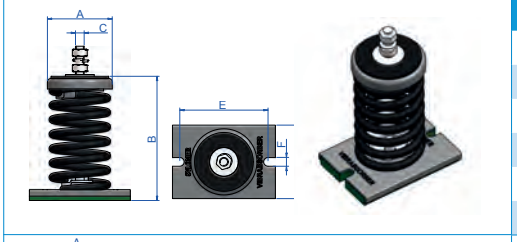
The mounts are able to reach low natural frequencies from 4 to 5 Hz. The spring combined with Sylomer® is able to provide high isolation at low and medium frequencies.

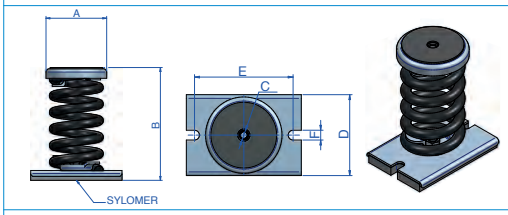
The curves are showing the deflection and natural frequencies according to the load of the spring

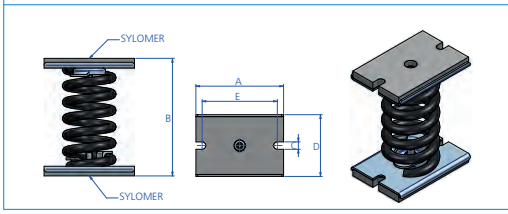
Temperature working range from 30 to 70°. Short term higher temperatures are possible.



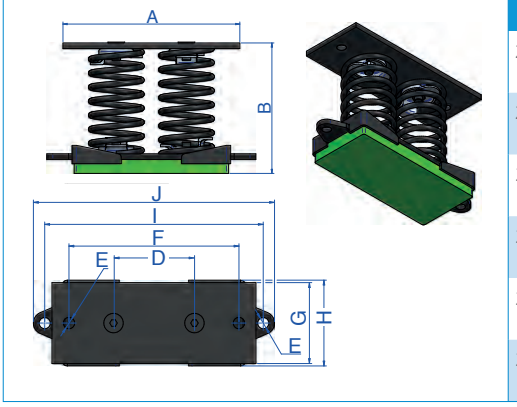
V-SR - Natural Frequency 4 to 5 Hz



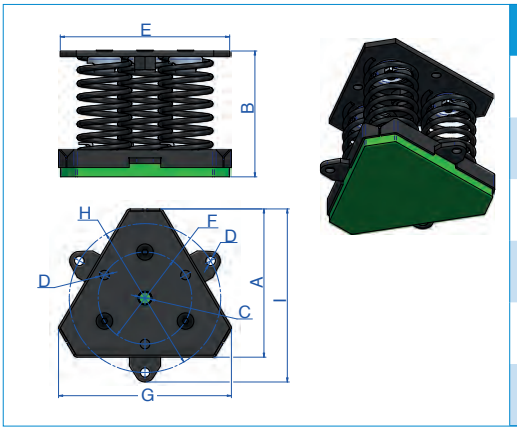




Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
V-SR-200	BLACK	93	173	M10	98,5	120	12	200	1,48	**21320**	64
V-SR-400	BLACK	93	173	M10	98,5	120	12	400	1,77	**21321**	134
V-SR-650	BLACK	93	173	M12	98,5	120	12	650	2,57	**20393**	181
V-SR-800	BLACK	93	173	M12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

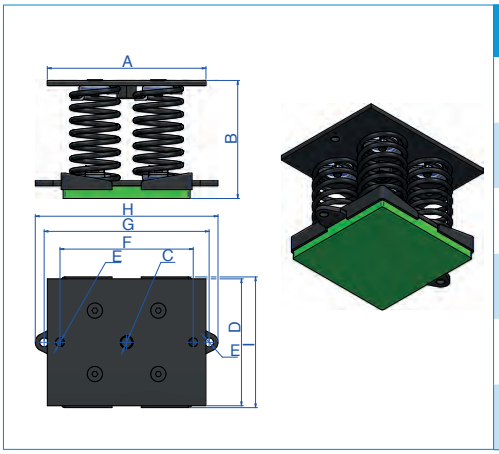


Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	J (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
2V-SR-400	BLACK	250	180	100	14	210	100	106	270	298	400	4,8	**21322**	128
2V-SR-800	BLACK	250	180	100	14	210	100	106	270	298	800	5,31	**21323**	267
2V-SR-1300	BLACK	250	180	100	14	210	100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

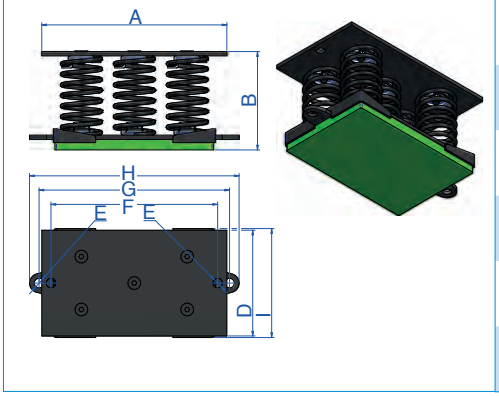


Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
3V-SR-600	BLACK	219	180	M20	14	246	136	251	220	255,7	600	-	**21324**	192
3V-SR-1200	BLACK	219	180	M20	14	246	136	251	220	255,7	1200	8,5	**21325**	401
3V-SR-1950	BLACK	219	180	M20	14	246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

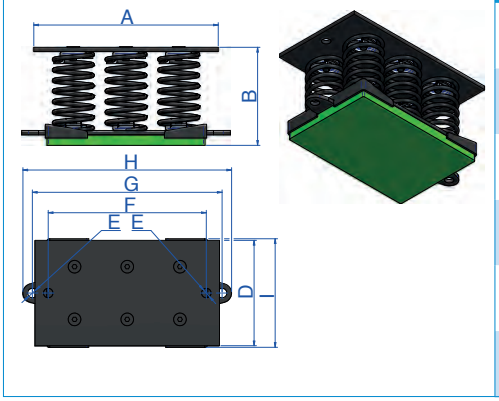
V-SR - Natural Frequency 4 to 5 Hz



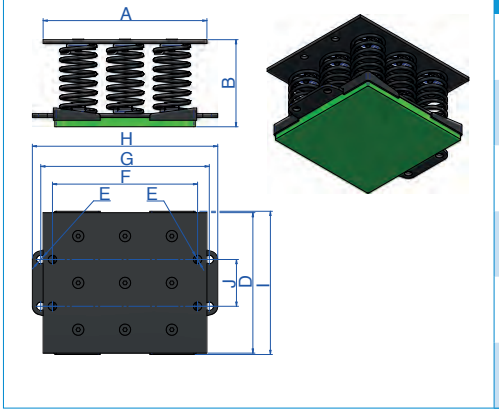
Type	Spring color	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
4V-SR-800	BLACK	250	180	M20	200	14	210	260	288	206	800	0	**21326**	256
4V-SR-1600	BLACK	250	180	M20	200	14	210	260	288	206	1600	0	**21327**	535
4V-SR-2600	BLACK	250	180	M20	200	14	210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



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



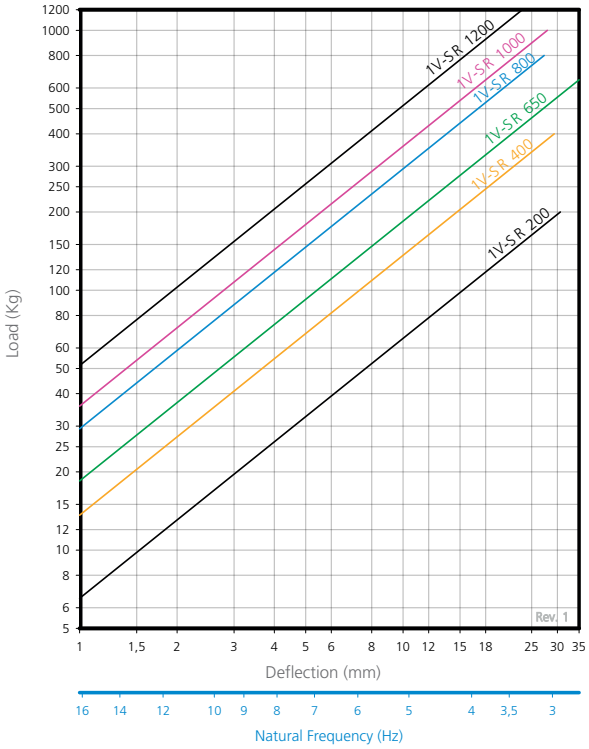
Type	Spring color	A (mm)	B (mm)	D (mm)	E (mm)	F (mm)	G (mm)	H (mm)	I (mm)	Load (kg)	Weight (kg)	Code	K (N/mm)
6V-SR-1200	BLACK	350	180	200	18	300	360	396	206	1200	0	**21330**	384
6V-SR-2400	BLACK	350	180	200	18	300	360	396	206	2400	0	**21331**	802
6V-SR-3900	BLACK	350	180	200	18	300	360	396	206	3900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



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

V-SR
ELASTICAL PROPERTIES

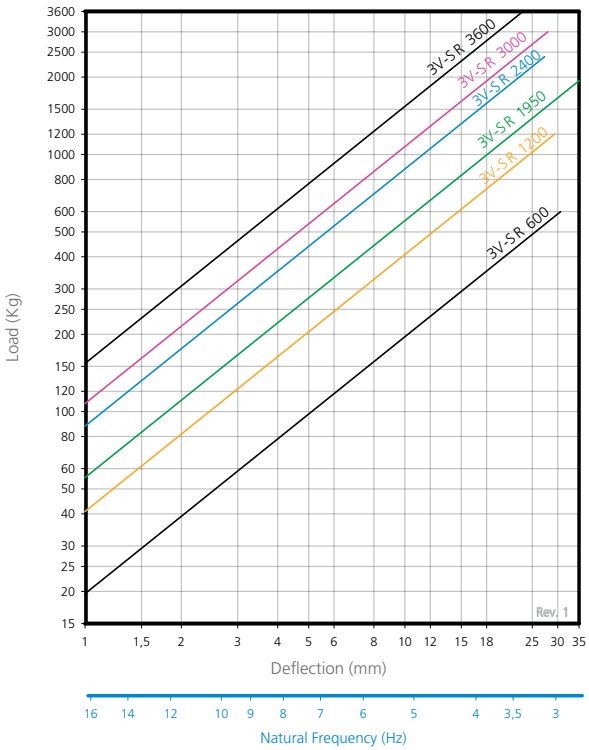
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AMC-MECANOCAUCHO® 1V-SR



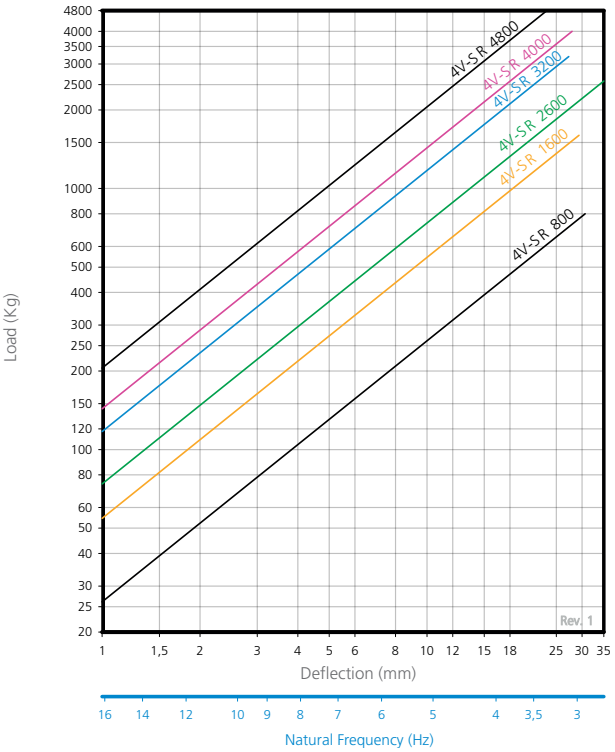
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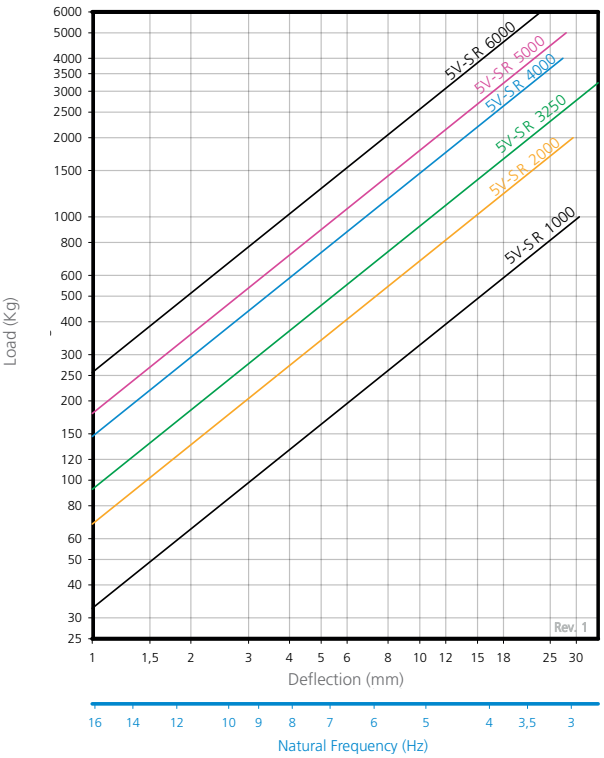


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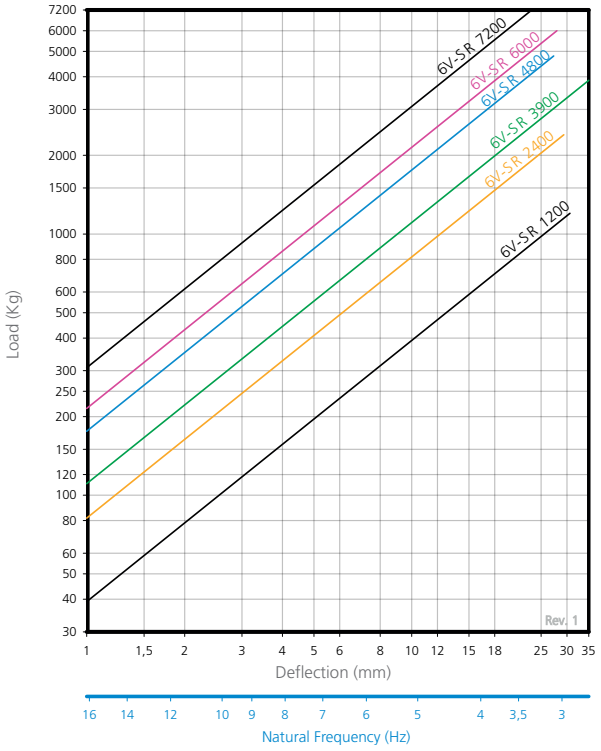


V-SR
ELASTICAL PROPERTIES

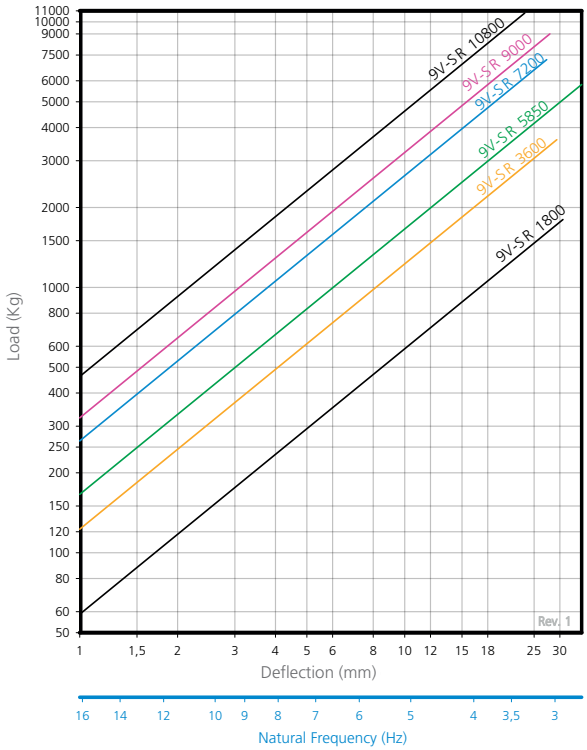
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 5V-SR



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

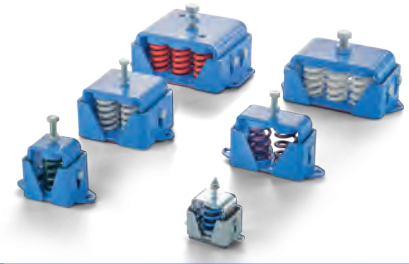


LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9V-SR



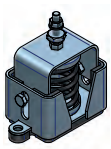
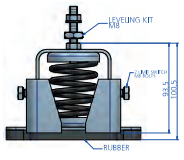


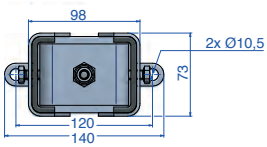
AMC ANTI-SEISMIC SUPPORTS



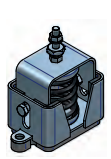
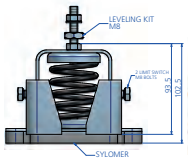
These spring mounts incorporate an ANTISEISMIC device to protect the spring from earthquakes.

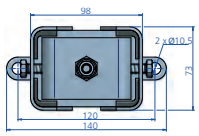
Natural Frequency 5 to 6 Hz

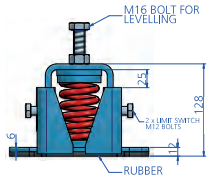


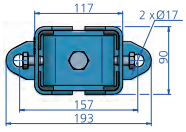
Type	Spring color	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
ANTI-SEISMIC MINI	BLACK	0	8	**21278**	3,3
	BLACK	1,12	15	**21270**	8,5
	BLACK	1,12	25	**21271**	12
	BLUE	1,13	50	**21272**	28
	GREY	1,15	75	**21273**	38
	BEIGE	1,17	100	**21274**	52
	WHITE	1,2	125	**21275**	58
	BLACK	1,23	150	**21276**	79
	RED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

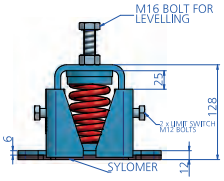


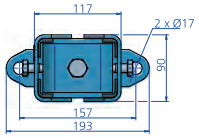
Type	Spring color	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
ANTI-SEISMIC MINI + SYLOMER	BLACK	1	8	**21224**	3,3
	BLACK	1,12	15	**21222**	8,5
	BLACK	1,12	25	**21261**	12
	BLUE	1,13	50	**21262**	28
	GREY	1,15	75	**21263**	38
	BEIGE	1,17	100	**21264**	52
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	BLACK	1,23	150	**21266**	79
	RED	1,12	250	**21267**	130

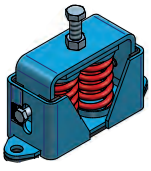
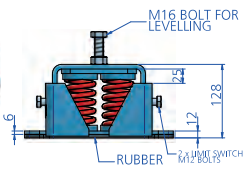


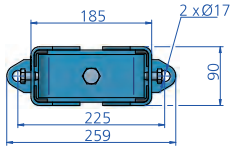
Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
1 AMC ANTI-SEISMIC	1	YELLOW	22	3,45	200	**20410**	92
	1	PURPLE	22	3,155	305	**20409**	146
	1	GREEN	22	3,204	405	**20381**	166
	1	GREY	22	3,318	540	**20382**	255
	1	WHITE	22	3,248	612	**20383**	278
	1	RED	22	3,414	803	**20384**	392

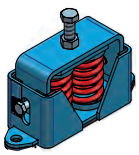
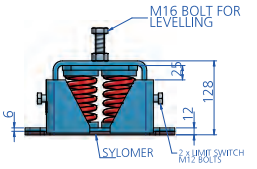


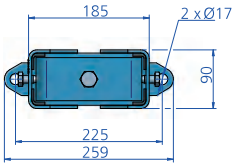
Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
1 AMC ANTI-SEISMIC + SYLOMER	1	YELLOW	22	3,191	200	**20338**	92
	1	PURPLE	22	3,191	305	**20413**	146
	1	GREEN	22	3,686	405	**20377**	166
	1	GREY	22	3,284	540	**20378**	255
	1	WHITE	22	3,284	612	**20379**	278
	1	RED	22	3,449	803	**20380**	392

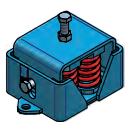
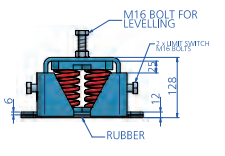


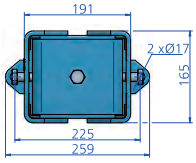
Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
2 AMC ANTI-SEISMIC	2	YELLOW	22	4,819	400	**20529**	185
	2	PURPLE	22	4,819	610	**20494**	291
	2	GREEN	22	4,919	810	**20496**	331
	2	GREY	22	5,011	1080	**20497**	509
	2	WHITE	22	5,142	1224	**20498**	567
	2	RED	22	5,337	1606	**20500**	784

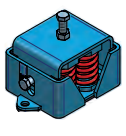
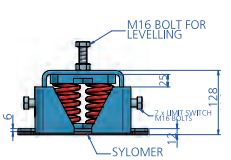


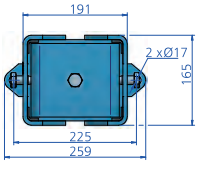
Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
2 AMC ANTI-SEISMIC + SYLOMER	2	YELLOW	22	4,869	400	**20528**	185
	2	PURPLE	22	4,869	610	**20480**	291
	2	GREEN	22	4,97	810	**20487**	331
	2	GREY	22	5,192	1080	**20488**	509
	2	WHITE	22	5,06	1224	**20489**	567
	2	RED	22	5,386	1606	**20490**	784



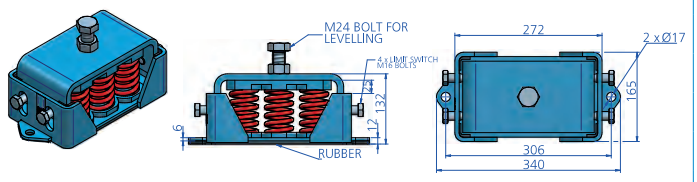
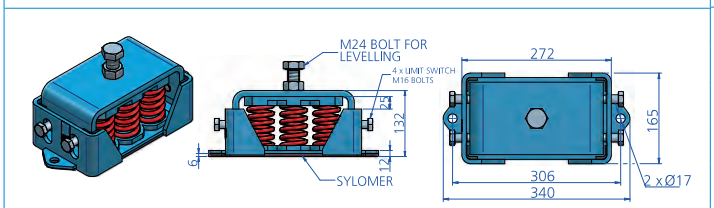
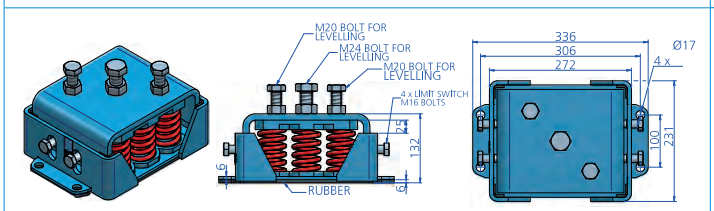
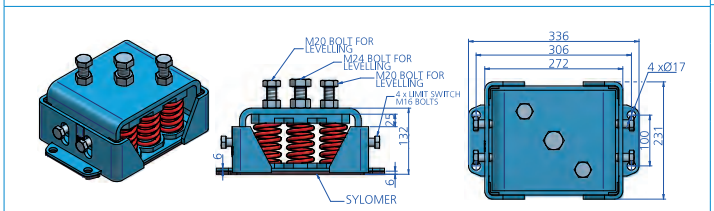
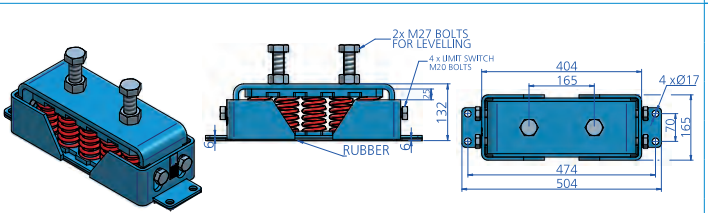
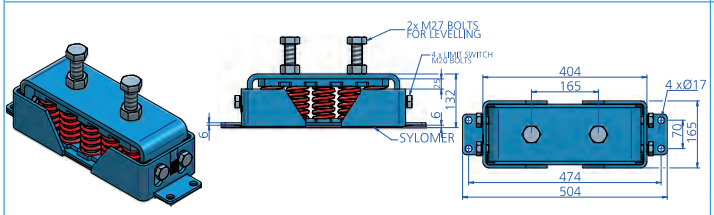
Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
4 AMC ANTI-SEISMIC	4	YELLOW	22	10,75	800	**20679**	369
	4	PURPLE	22	10,75	1220	**20700**	582
	4	GREEN	22	10,894	1620	**20696**	662
	4	GREY	22	10,75	2160	**20697**	1018
	4	WHITE	22	10,965	2448	**20698**	1134
	4	RED	22	11,69	3212	**20699**	1567

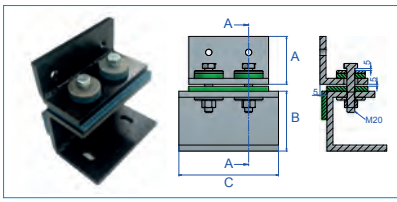





Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
4 AMC ANTI-SEISMIC + SYLOMER	4	YELLOW	22	10,54	800	**20680**	369
	4	PURPLE	22	10,54	1220	**20686**	582
	4	GREEN	22	10,84	1620	**20687**	662
	4	GREY	22	10,689	2160	**20688**	1018
	4	WHITE	22	10,689	2448	**20689**	1134
	4	RED	22	11,636	3212	**20690**	1567

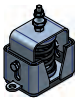


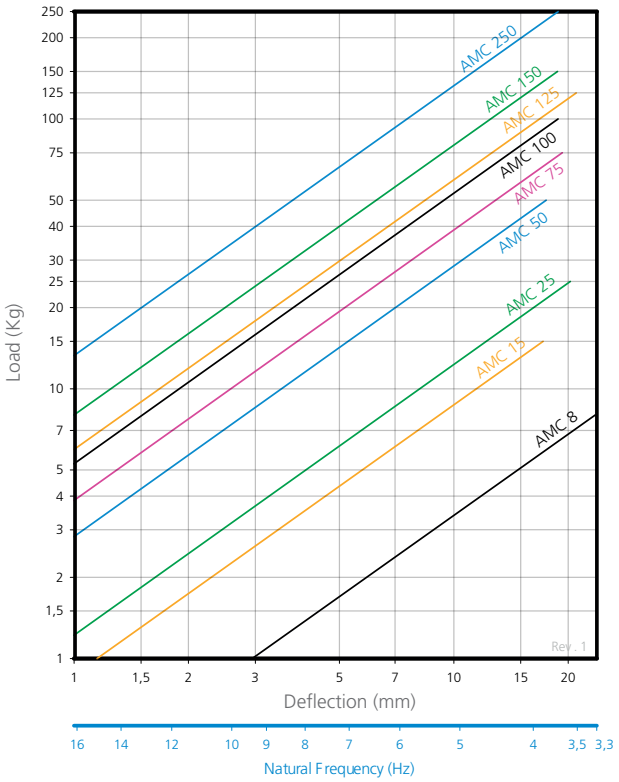
	Type	No. Springs	Spring color	Deflection mm	Weight (kg)	Max. Load (kg)	Code	K (N/mm)
	6 AMC ANTI-SEISMIC	6	YELLOW	22	15,45	1200	**20749**	554
		6	PURPLE	22	15,45	1830	**20761**	874
		6	GREEN	22	15,45	2430	**20762**	994
		6	GREY	22	15,45	3240	**20763**	1528
		6	WHITE	22	15,521	3672	**20764**	1702
		6	RED	22	16,553	4818	**20765**	2351
	6 AMC ANTI-SEISMIC + SYLOMER	6	YELLOW	22	14,829	1200	**20750**	554
		6	PURPLE	22	14,829	1830	**20766**	874
		6	GREEN	22	15,279	2430	**20767**	994
		6	GREY	22	15,957	3240	**20768**	1528
		6	WHITE	22	15	3672	**20769**	1702
		6	RED	22	16,473	4818	**20770**	2351
	9 AMC ANTI-SEISMIC	9	YELLOW	22	21,598	1800	**20959**	831
		9	PURPLE	22	21,598	2745	**20961**	1310
		9	GREEN	22	22,273	3645	**20962**	1490
		9	GREY	22	23,29	4860	**20963**	2291
		9	WHITE	22	22,516	5508	**20964**	2552
		9	RED	22	24,064	7227	**20965**	3526
	9 AMC ANTI-SEISMIC + SYLOMER	9	YELLOW	22	21,483	1800	**20990**	831
		9	PURPLE	22	21,483	2745	**20992**	1310
		9	GREEN	22	22,158	3645	**20993**	1490
		9	GREY	22	23,175	4860	**20994**	2291
		9	WHITE	22	22,401	5508	**20995**	2552
		9	RED	22	23,949	7227	**20996**	3526
	10 AMC ANTI-SEISMIC	10	YELLOW	22	24,228	2000	**20849**	923
		10	PURPLE	22	24,228	3050	**20894**	1456
		10	GREEN	22	24,978	4050	**20895**	1656
		10	GREY	22	26,108	5400	**20896**	2546
		10	WHITE	22	25,248	6120	**20897**	2836
		10	RED	22	26,968	8030	**20898**	3918
	10 AMC ANTI-SEISMIC + SYLOMER	10	YELLOW	22	24,089	2000	**20850**	923
		10	PURPLE	22	24,089	3050	**20852**	1456
		10	GREEN	22	24,839	4050	**20853**	1656
		10	GREY	22	25,969	5400	**20854**	2546
		10	WHITE	22	24,766	6120	**20855**	2836
		10	RED	22	26,829	8030	**20856**	3918

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

AMC ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES

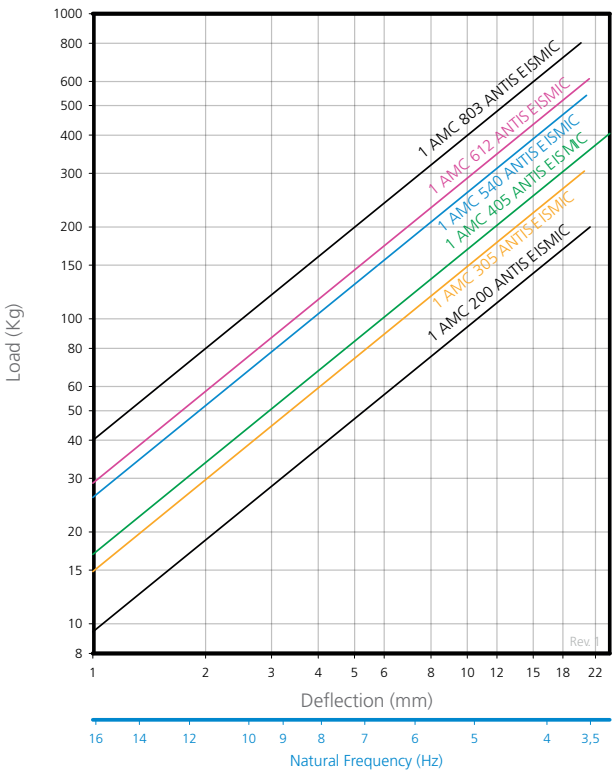
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AMC-MECANOCAUCHO® Antiseismic mini



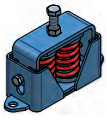


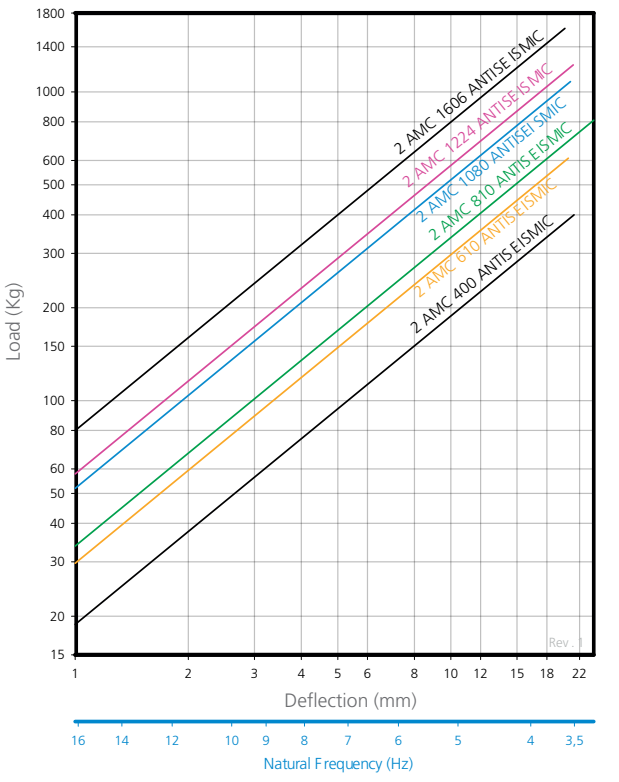
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic mount



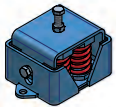


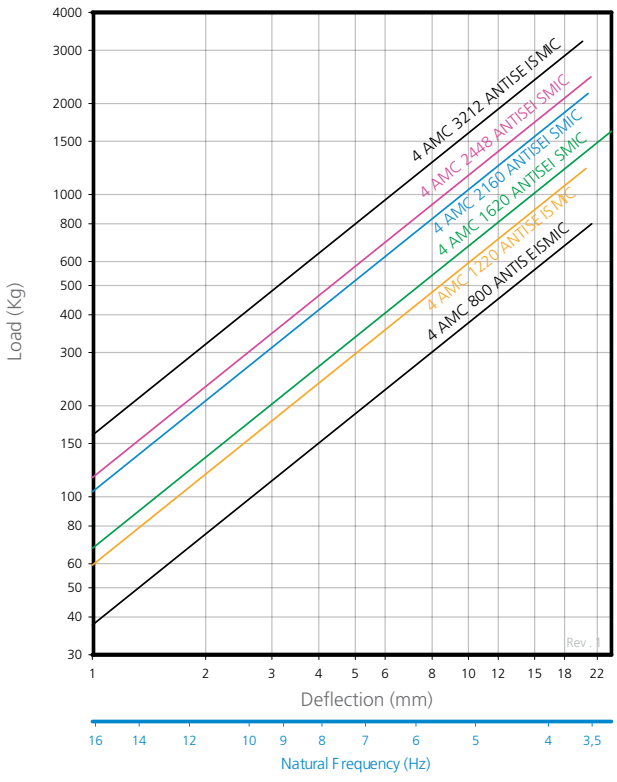
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC Antiseismic mount



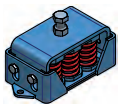


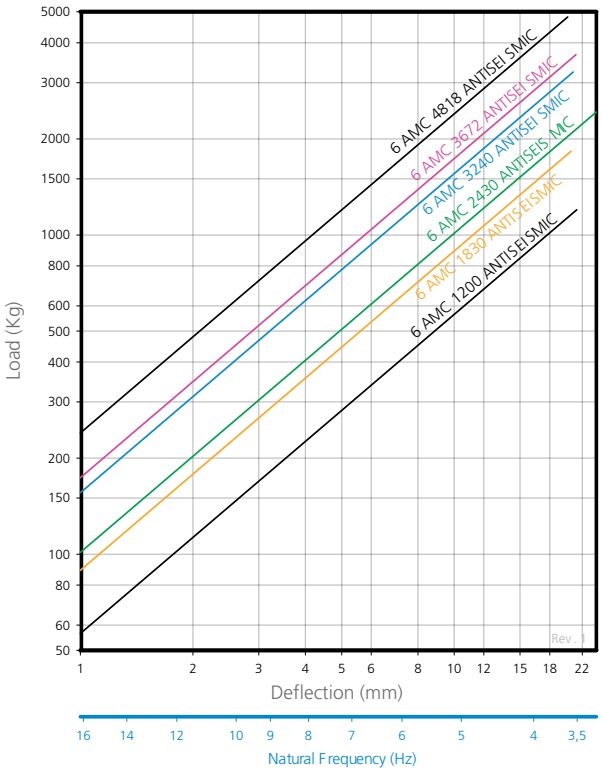
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic mount



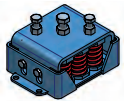


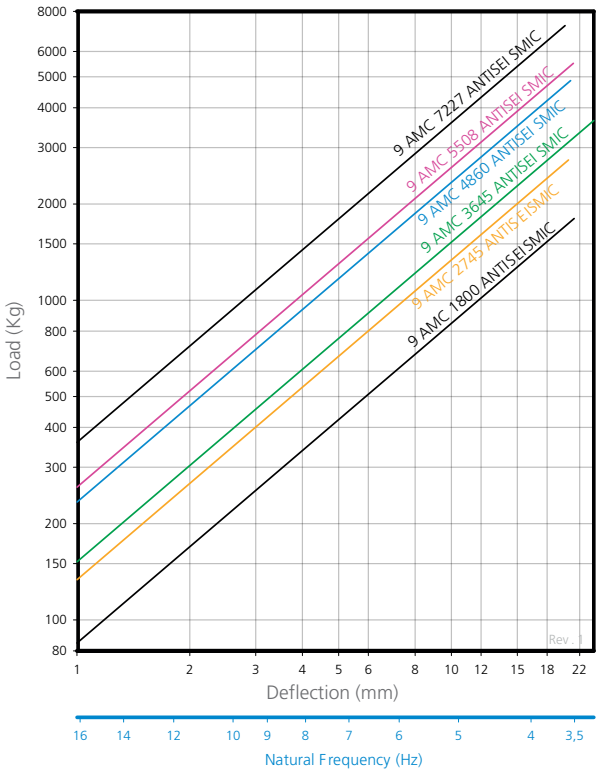
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic mount



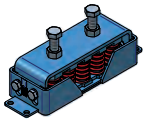


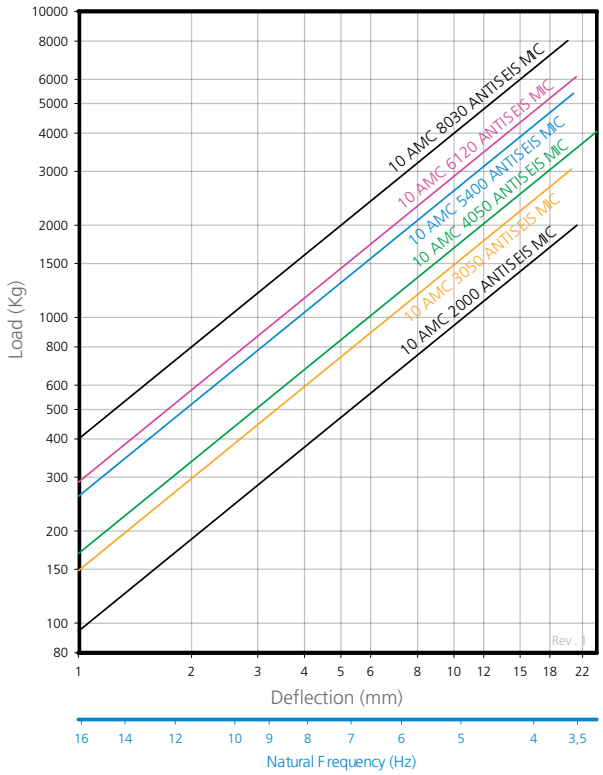
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic mount





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AMC-MECANOCAUCHO® 10 AMC Antiseismic mount







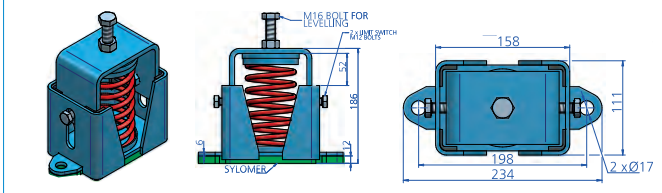
VSH ANTI-SEISMIC SUPPORTS



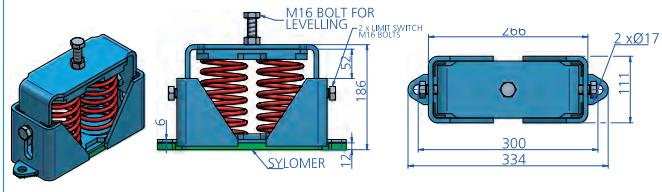
This range of mounts comprises:

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

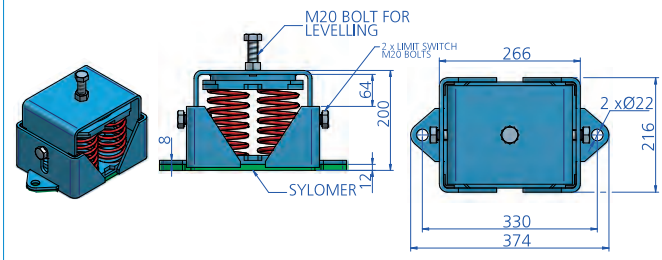
Natural Frequency 3 to 5 Hz



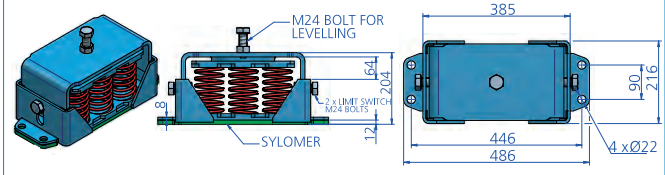
Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
1V-SH-67 ANTI SEISMIC + SYLOMER	BLUE	67	5,759	**20653**	13
1V-SH-95 ANTI SEISMIC + SYLOMER	WHITE	95	5,816	**20654**	19
1V-SH-123 ANTI SEISMIC + SYLOMER	BLACK	123	5,84	**20655**	25
1V-SH-173 ANTI SEISMIC + SYLOMER	BEIGE	173	5,93	**20656**	35
1V-SH-223 ANTI SEISMIC + SYLOMER	RED	223	6,301	**20657**	43
1V-SH-335 ANTI SEISMIC + SYLOMER	GREY	335	6,502	**20658**	68
1V-SH-446 ANTI SEISMIC + SYLOMER	GREEN	446	6,768	**20659**	88
1V-SH-700 ANTI SEISMIC + SYLOMER	BROWN	700	6,768	**20661**	150



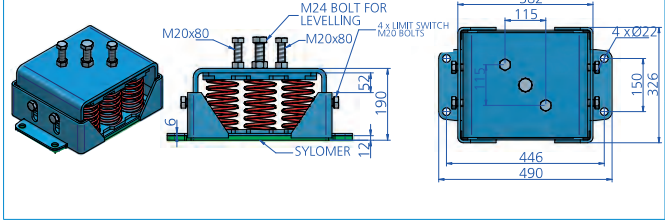
Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
2V-SH-134 ANTI SEISMIC + SYLOMER	BLUE	134	10,423	**20587**	27
2V-SH-190 ANTI SEISMIC + SYLOMER	WHITE	190	10,537	**20588**	37
2V-SH-246 ANTI SEISMIC + SYLOMER	BLACK	246	10,648	**20589**	50
2V-SH-346 ANTI SEISMIC + SYLOMER	BEIGE	346	10,648	**20590**	69
2V-SH-446 ANTI SEISMIC + SYLOMER	RED	446	11,507	**20591**	86
2V-SH-670 ANTI SEISMIC + SYLOMER	GREY	670	11,909	**20592**	137
2V-SH-892 ANTI SEISMIC + SYLOMER	GREEN	892	12,441	**20593**	176
2V-SH-1400 ANTI SEISMIC + SYLOMER	BROWN	1400	12,441	**20594**	301



Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
4V-SH-268 ANTI SEISMIC + SYLOMER	BLUE	268	19,909	**20752**	54
4V-SH-380 ANTI SEISMIC + SYLOMER	WHITE	380	20,137	**20753**	74
4V-SH-492 ANTI SEISMIC + SYLOMER	BLACK	492	20,233	**20754**	100
4V-SH-692 ANTI SEISMIC + SYLOMER	BEIGE	692	20,593	**20755**	138
4V-SH-892 ANTI SEISMIC + SYLOMER	RED	892	22,077	**20756**	172
4V-SH-1340 ANTI SEISMIC + SYLOMER	GREY	1340	22,881	**20757**	274
4V-SH-1784 ANTI SEISMIC + SYLOMER	GREEN	1784	23,945	**20758**	351
4V-SH-2800 ANTI SEISMIC + SYLOMER	BROWN	2800	29	**20759**	601



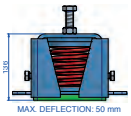
Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
6V-SH-402 ANTI SEISMIC + SYLOMER	BLUE	402	30,076	**20861**	80
6V-SH-570 ANTI SEISMIC + SYLOMER	WHITE	570	30,418	**20862**	112
6V-SH-738 ANTI SEISMIC + SYLOMER	BLACK	738	30,562	**20863**	149
6V-SH-1038 ANTI SEISMIC + SYLOMER	BEIGE	1038	31,102	**20864**	208
6V-SH-1338 ANTI SEISMIC + SYLOMER	RED	1338	33,328	**20865**	258
6V-SH-2010 ANTI SEISMIC + SYLOMER	GREY	2010	34,534	**20866**	410
6V-SH-2676 ANTI SEISMIC + SYLOMER	GREEN	2676	36,13	**20867**	527
6V-SH-4200 ANTI SEISMIC + SYLOMER	BROWN	4200	36,13	**20868**	902

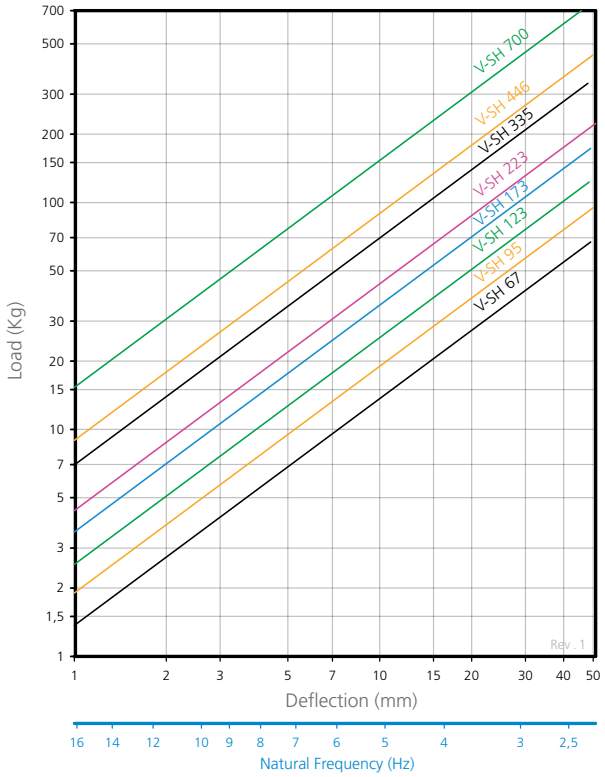


Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
9V-SH-603 ANTI SEISMIC + SYLOMER	BLUE	603	46,273	**20887**	121
9V-SH-855 ANTI SEISMIC + SYLOMER	WHITE	855	46,786	**20888**	167
9V-SH-1107 ANTI SEISMIC + SYLOMER	BLACK	1107	47,002	**20889**	224
9V-SH-1557 ANTI SEISMIC + SYLOMER	BEIGE	1557	47,812	**20890**	311
9V-SH-2007 ANTI SEISMIC + SYLOMER	RED	2007	51,151	**20891**	387
9V-SH-3015 ANTI SEISMIC + SYLOMER	GREY	3015	52,96	**20892**	616
9V-SH-4014 ANTI SEISMIC + SYLOMER	GREEN	4014	55,354	**20893**	790
9V-SH-6300 ANTI SEISMIC + SYLOMER	BROWN	6300	55,354	**20900**	1353

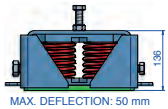
VSH ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES

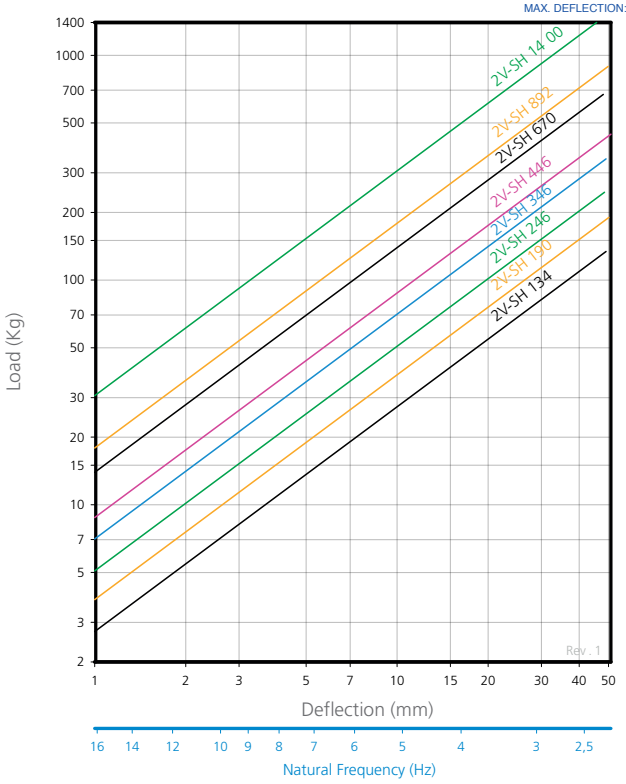
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic V-SH





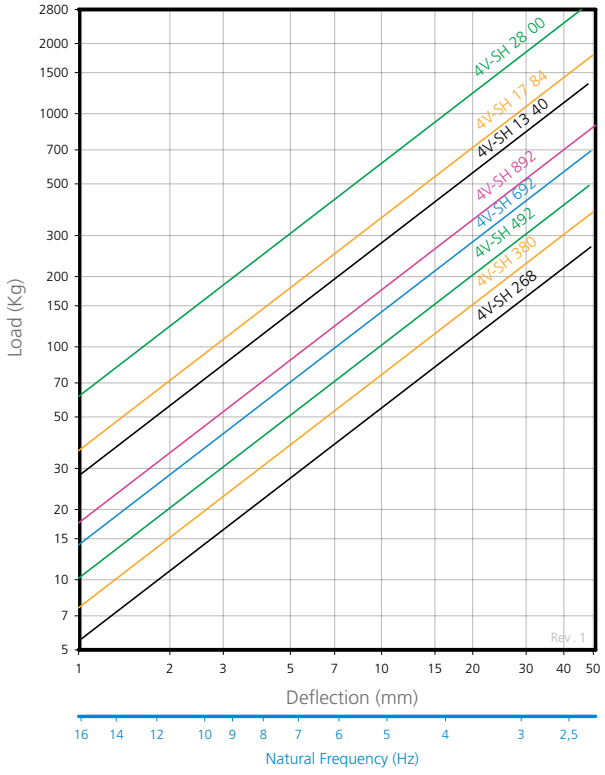
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AMC-MECANOCAUCHO® 2 AMC Antiseismic V-SH





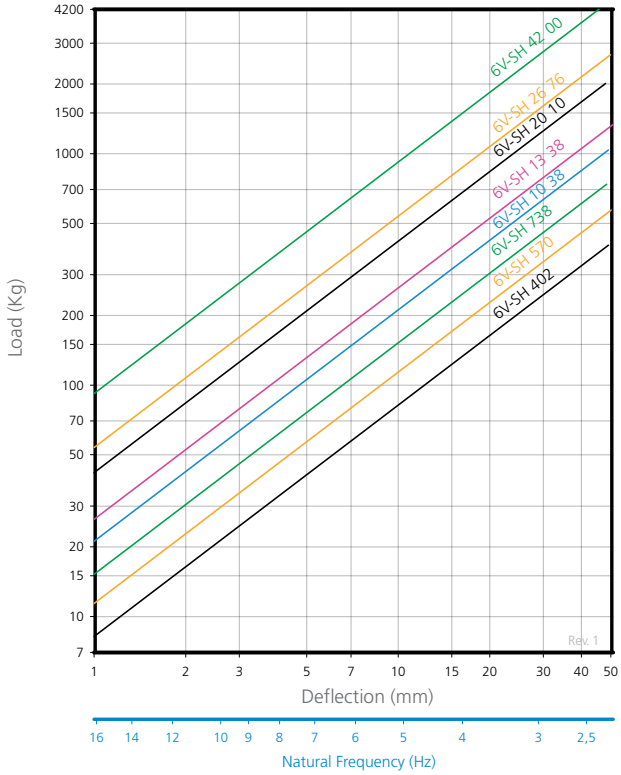
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic V-SH





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AMC-MECANOCAUCHO® 6 AMC Antiseismic V-SH

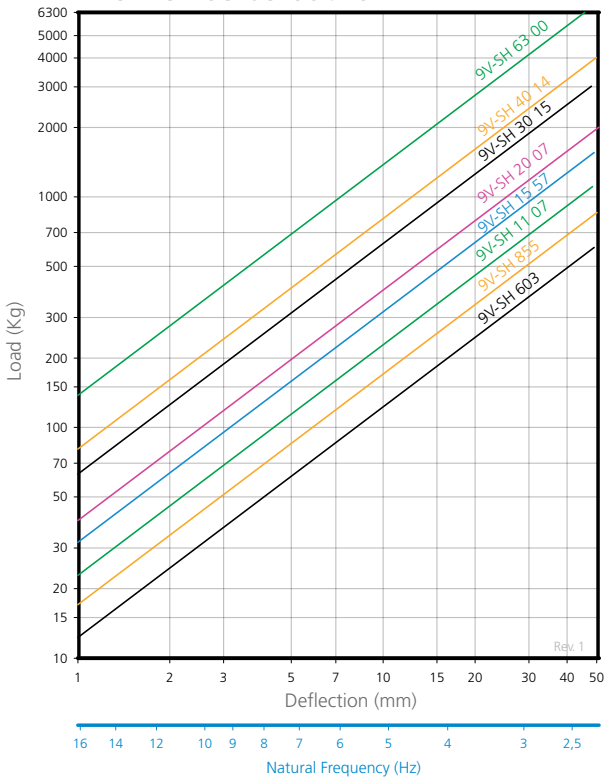




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AMC-MECANOCAUCHO® 9 AMC Antiseismic V-SH



MAX. DEFLECTION: 50mm





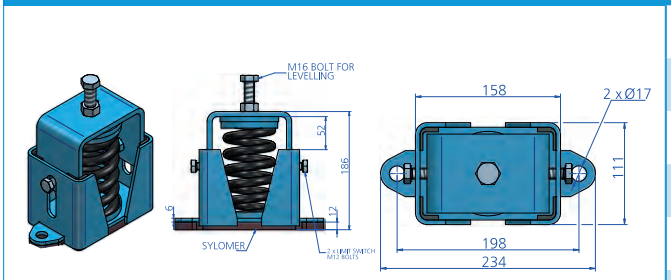
VSR ANTI-SEISMIC SUPPORTS

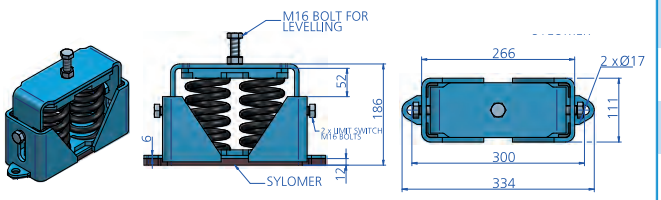


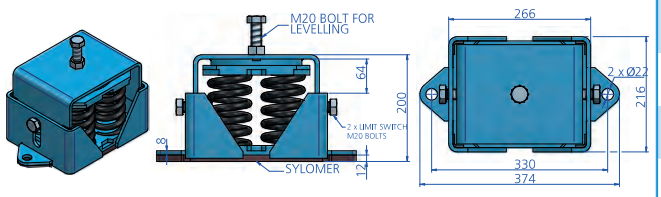
This range of mounts comprises:

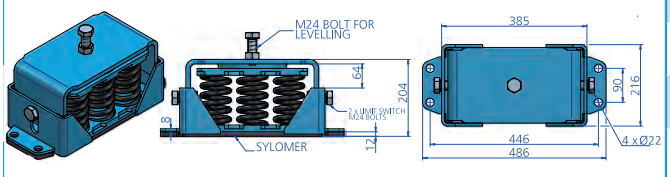
- A spring high elasticity and very low natural frequency
- An incorporated levelling system
- A non-slip rubber base
- A spare Sylomer to isolate mid and high frequencies comes standard

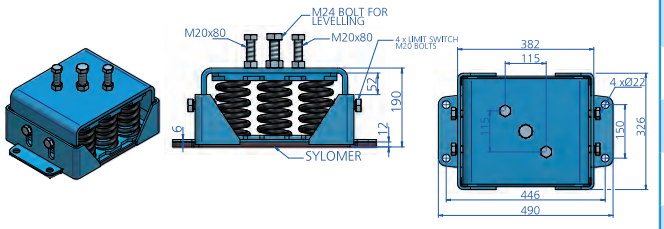
Natural Frequency 3 to 5 Hz









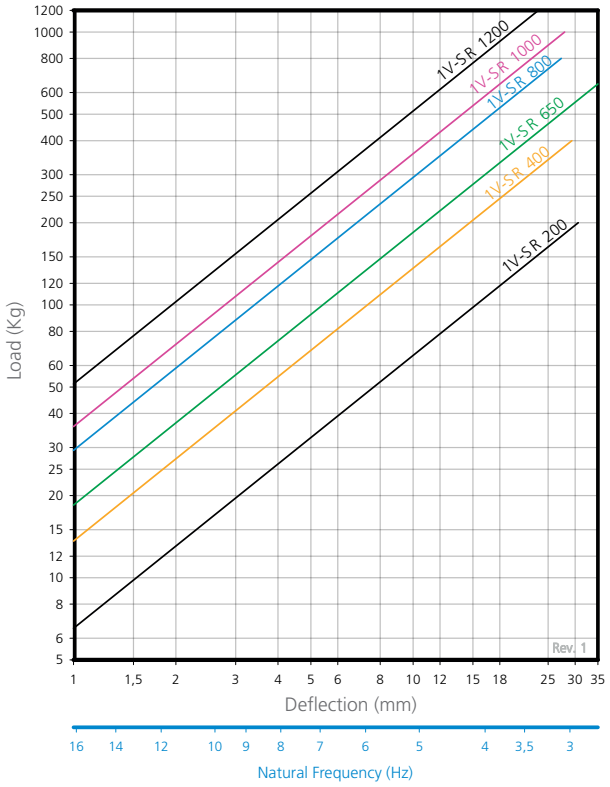


Type	Spring color	Load (kg)	Weight (kg)	Code	K (N/mm)
V-SR-200 ANTI SEISMIC + SYLOMER®	BLACK	200	5,72	**21340**	64
V-SR-400 ANTI SEISMIC + SYLOMER®	BLACK	400	0	**21341**	134
V-SR-650 ANTI SEISMIC + SYLOMER®	BLACK	650	6,715	**20502**	181
V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	6,74	**20503**	287
V-SR-1000 ANTI SEISMIC + SYLOMER®	BLACK	1000	7,045	**20504**	351
V-SR-1200 ANTI SEISMIC + SYLOMER®	BLACK	1200	7,119	**20505**	503
2V-SR-400 ANTI SEISMIC + SYLOMER®	BLACK	400	0	**21342**	128
2V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	0	**21343**	267
2V-SR-1300 ANTI SEISMIC + SYLOMER®	BLACK	1300	12,335	**20506**	362
2V-SR-1600 ANTI SEISMIC0 + SYLOMER®	BLACK	1600	12,385	**20507**	575
2V-SR-2000 ANTI SEISMIC + SYLOMER®	BLACK	2000	12,995	**20508**	702
2V-SR-2400 ANTI SEISMIC + SYLOMER®	BLACK	2400	13,143	**20509**	1007
4V-SR-800 ANTI SEISMIC + SYLOMER®	BLACK	800	23,4	**21344**	256
4V-SR-1600 ANTI SEISMIC + SYLOMER®	BLACK	1600	24,5	**21345**	535
4V-SR-2600 ANTI SEISMIC + SYLOMER®	BLACK	2600	23,733	**21141**	724
4V-SR-3200 ANTI SEISMIC + SYLOMER®	BLACK	3200	23,833	**21142**	1150
4V-SR-4000 ANTI SEISMIC + SYLOMER®	BLACK	4000	27,66	**21143**	1404
4V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	25,349	**21144**	2013
6V-SR-1200 ANTI SEISMIC + SYLOMER®	BLACK	1200	0	**21346**	384
6V-SR-2400 ANTI SEISMIC + SYLOMER®	BLACK	2400	0	**21347**	802
6V-SR-3900 ANTI SEISMIC + SYLOMER®	BLACK	3900	35,812	**20877**	1086
6V-SR-4800 ANTI SEISMIC + SYLOMER®	BLACK	4800	35,962	**20878**	1724
6V-SR-6000 ANTI SEISMIC + SYLOMER®	BLACK	6000	37,792	**20879**	2107
6V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	38,236	**20880**	3020
9V-SR-1800 ANTI SEISMIC + SYLOMER®	BLACK	1800	0	**21348**	576
9V-SR-3600 ANTI SEISMIC + SYLOMER®	BLACK	3600	54,877	**21349**	1203
9V-SR-5850 ANTI SEISMIC + SYLOMER®	BLACK	5850	54,877	**20952**	1629
9V-SR-7200 ANTI SEISMIC + SYLOMER®	BLACK	7200	55,102	**20953**	2587
9V-SR-9000 ANTI SEISMIC + SYLOMER®	BLACK	9000	57,847	**20954**	3160
9V-SR-10800 ANTI SEISMIC + SYLOMER®	BLACK	10800	58	**20955**	4530

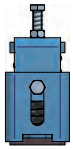
VSR ANTI-SEISMIC SUPPORTS. ELASTIC PROPERTIES

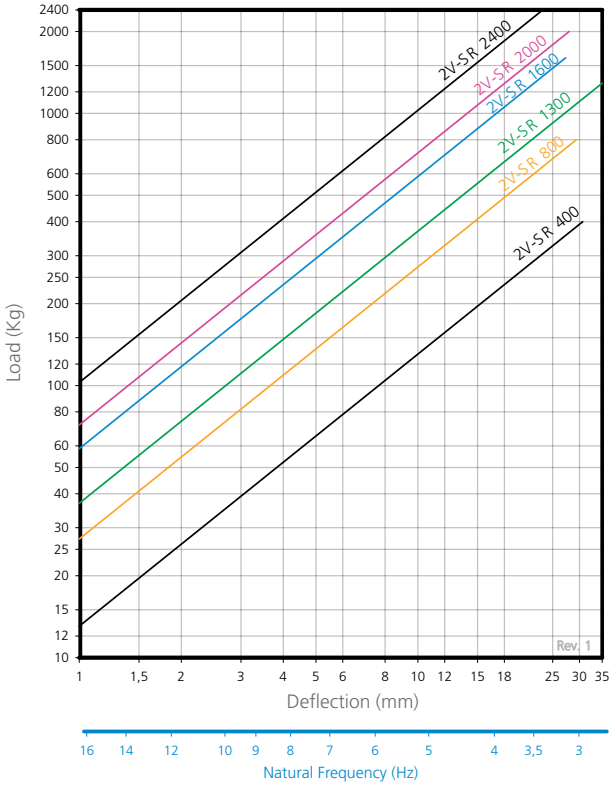
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 1 AMC Antiseismic V-SR



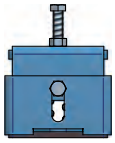


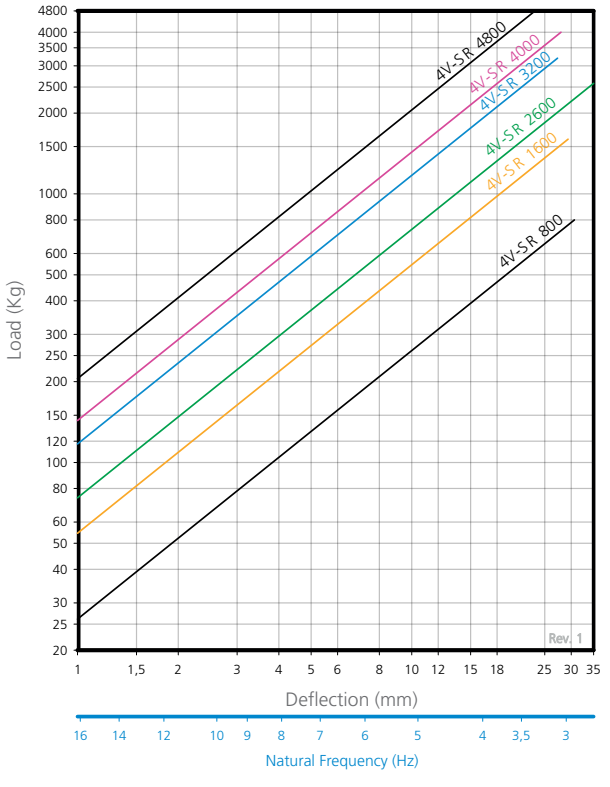
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 2 AMC Antiseismic V-SR



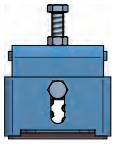


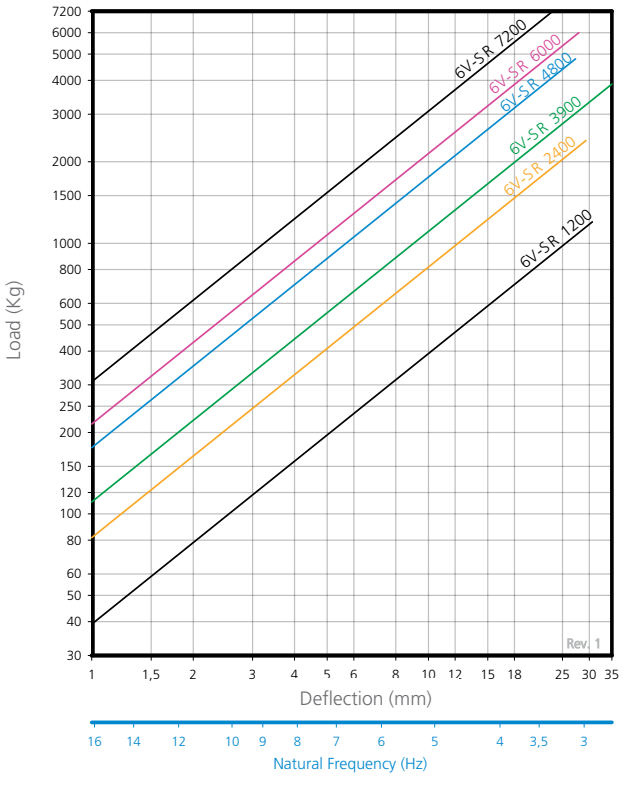
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 4 AMC Antiseismic V-SR



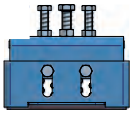


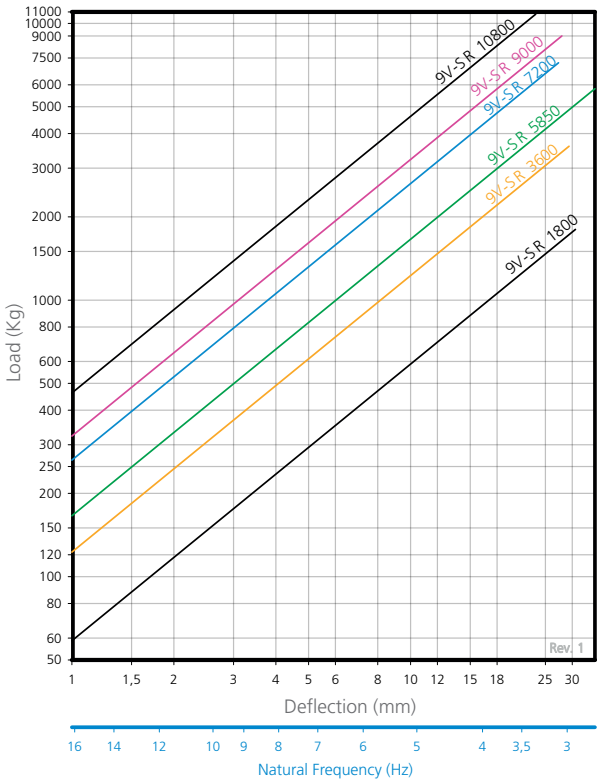
LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 6 AMC Antiseismic V-SR

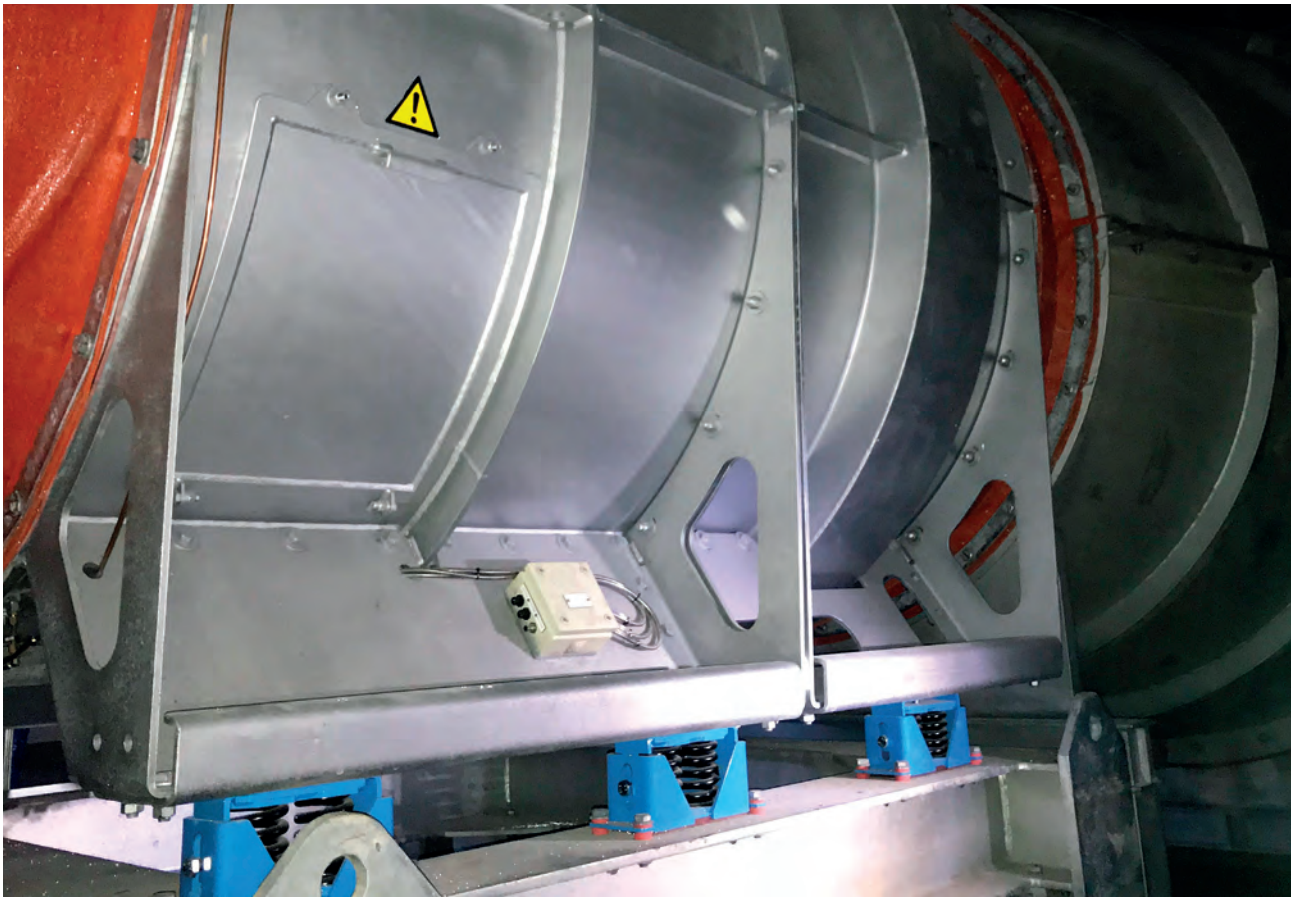




LOAD VS DEFLECTION DIAGRAM
AMC-MECANOCAUCHO® 9 AMC Antiseismic V-SR







ANTI-SEISMIC SUPPORT PRELOADABLE 4V-SX

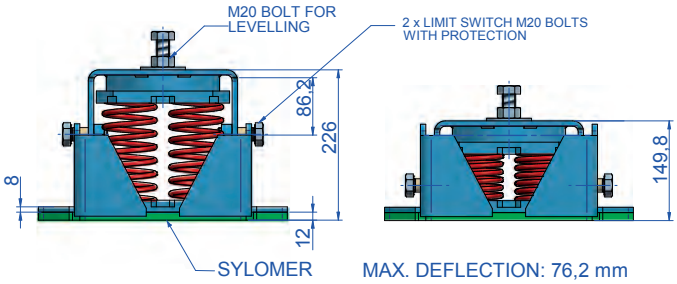
V-SX mounts are capable of reaching very low natural frequencies, from 2 to 3Hz. In addition, this mount incorporates a Sylomer® mat, also providing good isolation at mid-high frequencies. Thanks to this spring-Sylomer® combination, this mount can provide great isolation across the entire frequency range.

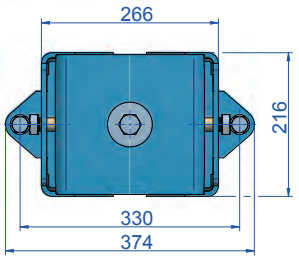


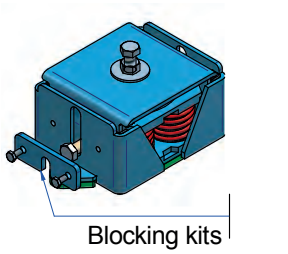
TECHNICAL CHARACTERISTICS

This range of supports consists of:

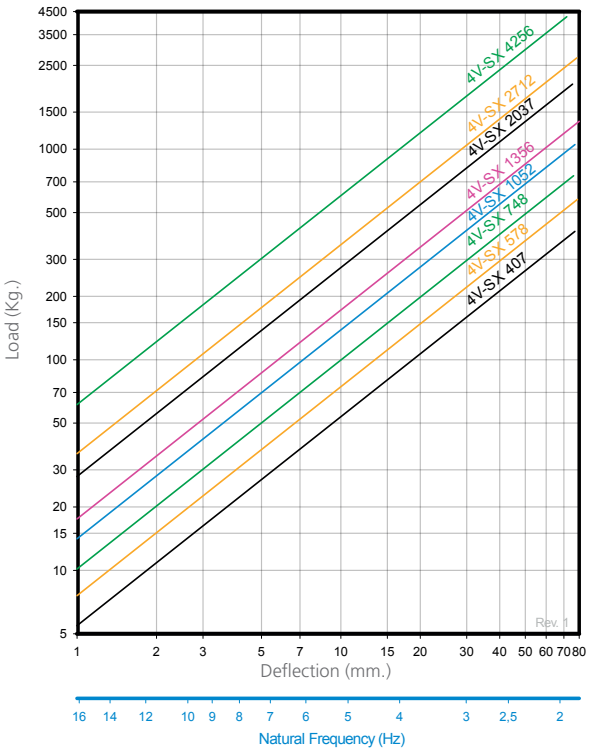
- A spring with high elasticity and very low natural frequency.
- An incorporated levelling system.
- An incorporated preload system.
- A Sylomer® pad under the mount base in order to isolate mid-high frequencies.







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



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

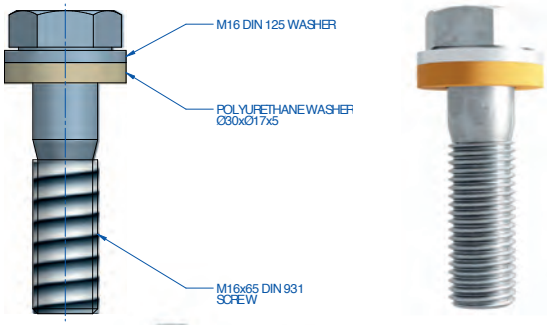




SYLOMER FIXATION KIT

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

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



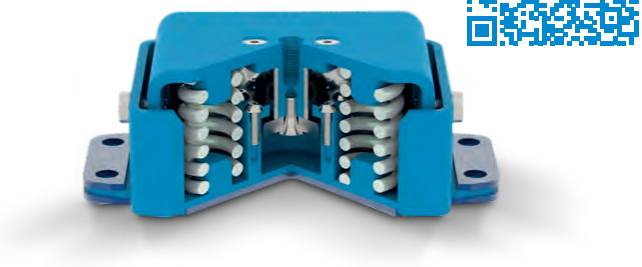


ANTI SEISMIC VISCO

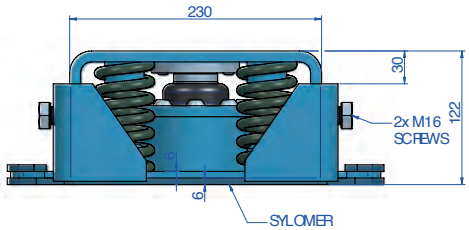
This spring mount is suitable for those applications that require greater vibration isolation and movement control, such as:

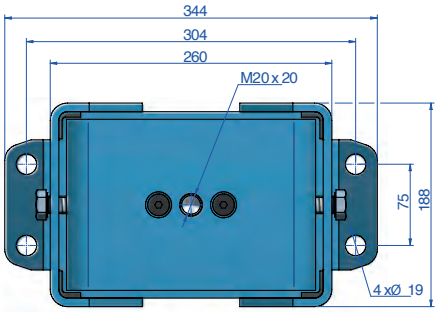
- Emergency generator sets on Hospitals, data bank organizations or residential areas.
- Pumps or piston compressors that have high eccentricity where a mass of inertia cannot be installed.
- HVAC equipment on Hospitals or residential areas.
- This mount is suitable for the isolation of static rotating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

VIDEO TEST

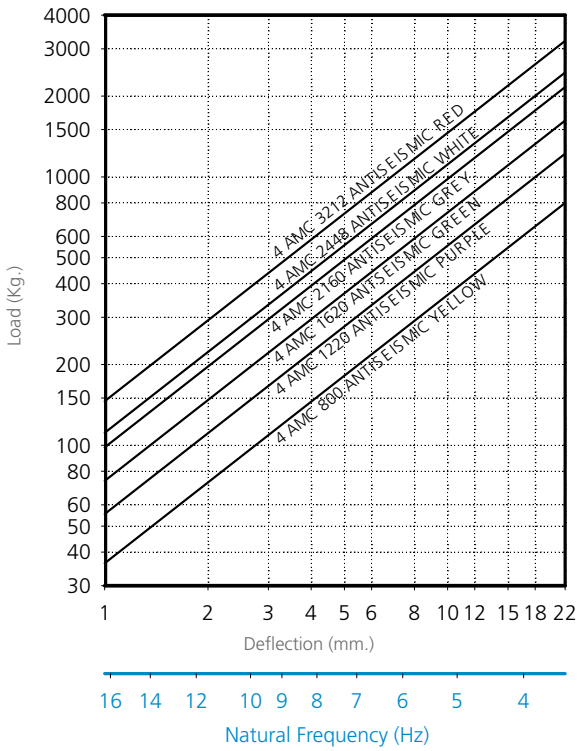


Type	No. Springs	Spring color	Deflection (mm)	Max. Load (kg)	Code	K (N/mm)
ANTI SEISMIC VISCO	4	YELLOW	22	800	**21269**	364
	4	PURPLE	22	1220	**21256**	556
	4	GREEN	22	1620	**21255**	736
	4	GREY	22	2160	**21257**	982
	4	WHITE	22	2448	**21258**	1113
	4	RED	22	3212	**21259**	1380



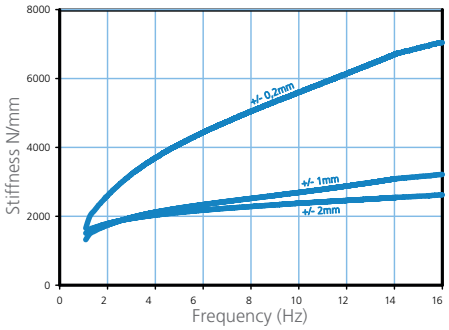


LOAD DEFLECTION CURVE
4 AMC ANTISEISMIC VISCO

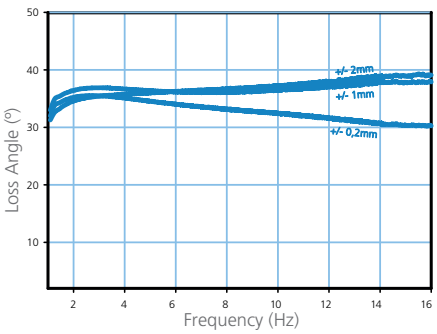


DYNAMIC BEHAVIOUR

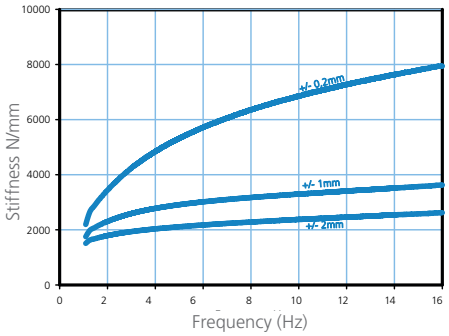
4 AMC 1220 ANTISEISMIC VISCO



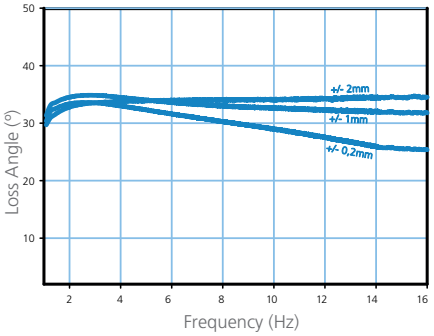
4 AMC 1220 ANTISEISMIC VISCO



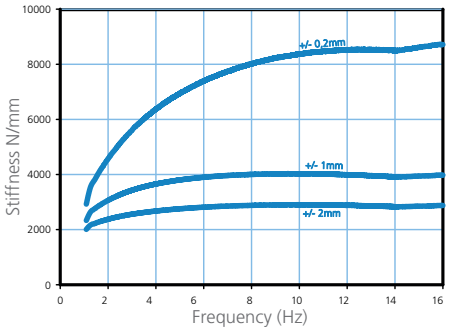
4 AMC 1620 ANTISEISMIC VISCO



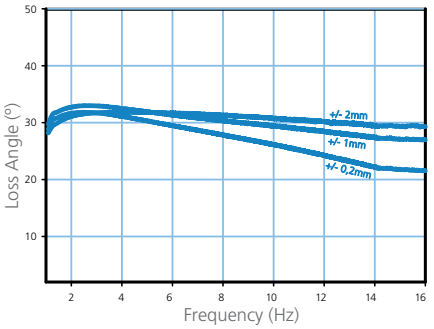
4 AMC 1620 ANTISEISMIC VISCO



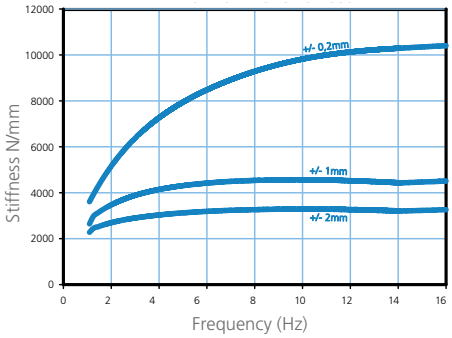
4 AMC 2160 ANTISEISMIC VISCO



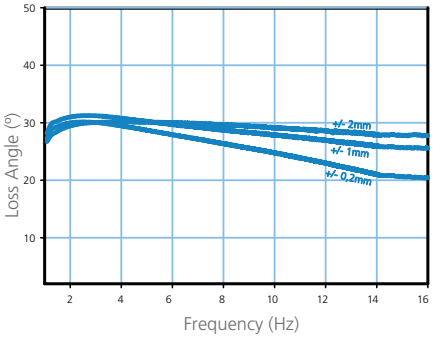
4 AMC 2160 ANTISEISMIC VISCO



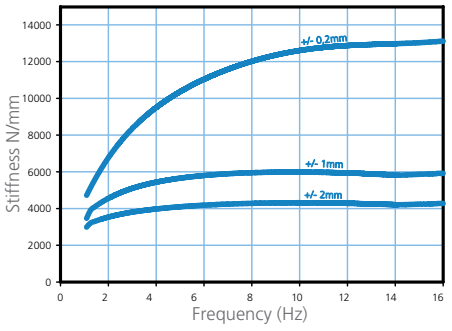
4 AMC 2448 ANTISEISMIC VISCO



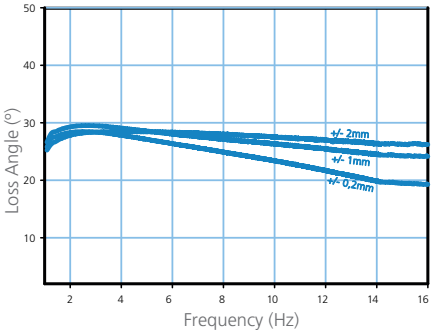
4 AMC 2448 ANTISEISMIC VISCO



4 AMC 3212 ANTISEISMIC VISCO

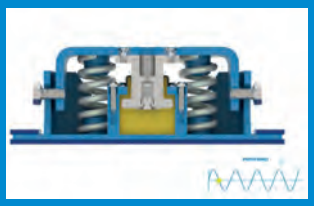


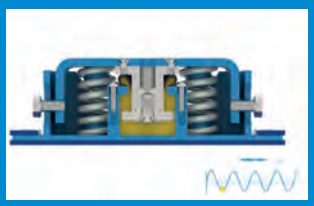
4 AMC 3212 ANTISEISMIC VISCO

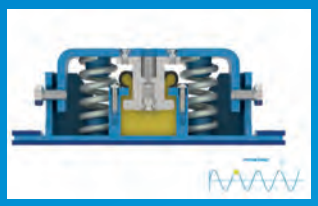


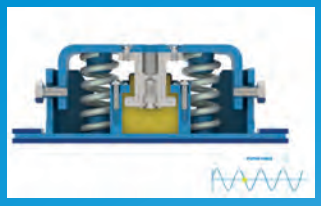
SEQUENCE OF THE ANTISEISMIC MOVEMENT

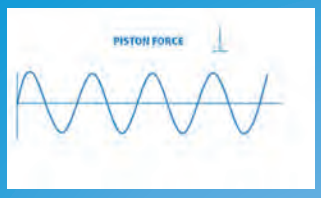
WATCH THIS MOVEMENT IN VIDEO

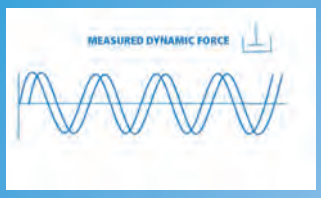


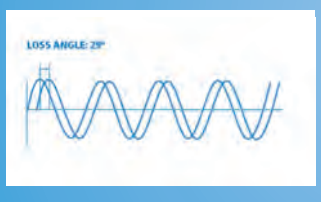












VIBRABSORBER + sylomer®

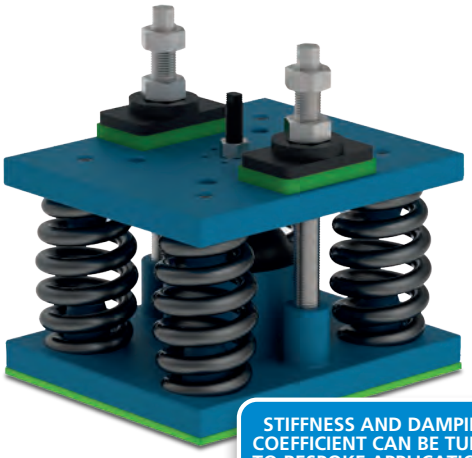
with adjustable damping & vertical displacement end stroke buffer

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

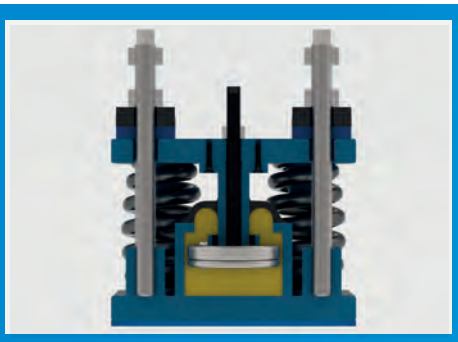
The base of the mount includes a layer of Sylomer® to reduce the transmission of high frequencies that could go through the coil springs.

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

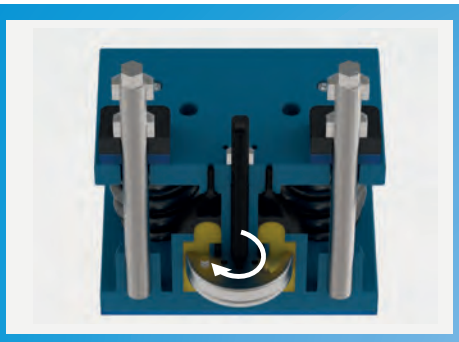
This product is tailored for each application.



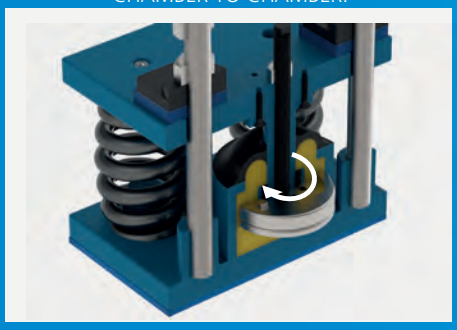
STIFFNESS AND DAMPING COEFFICIENT CAN BE TUNED TO BESPOKE APPLICATIONS.



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



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



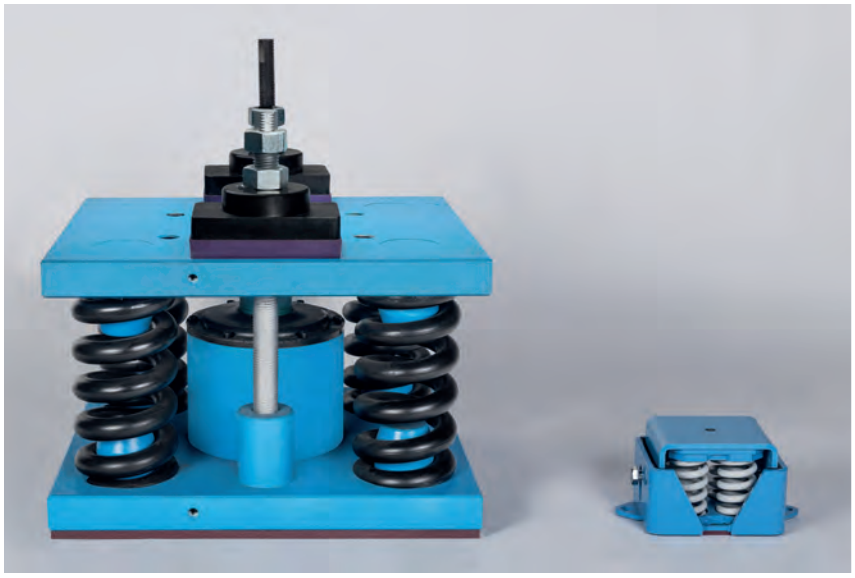
VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.



VARIABLE DAMPING IS ACHIEVED BY A ROTATION OF DISCS.

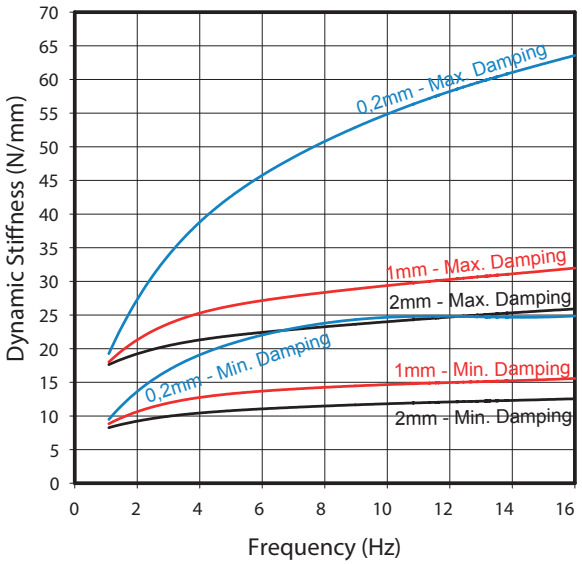




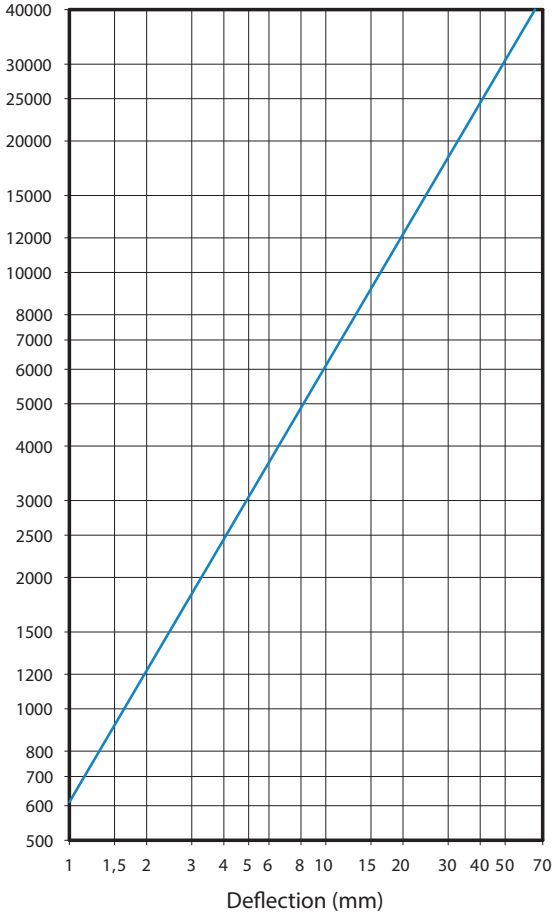




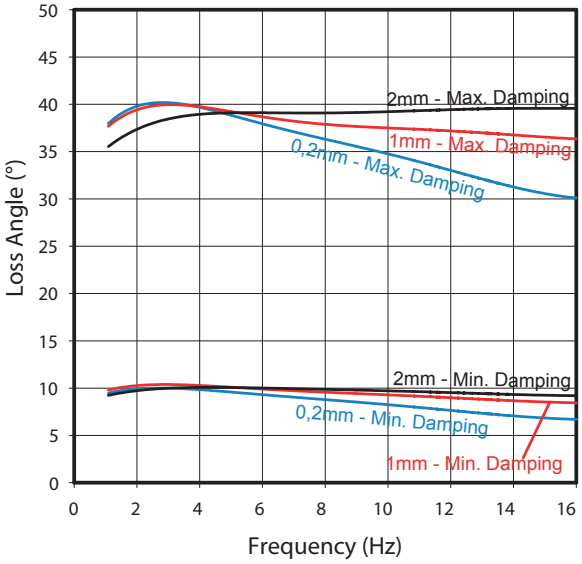
AMPLITUDE DEPENDANT DYNAMIC STIFFNESS
ADJUSTABLE VISCOELASTIC SPRING



LOAD DEFLECTION CURVE
ADJUSTABLE VISCOELASTIC SPRING



AMPLITUDE DEPENDANT LOSS ANGLE
ADJUSTABLE VISCOELASTIC SPRING



AMC MECANOCAUCHO®
ONLINE CALCULATION SOFTWARE

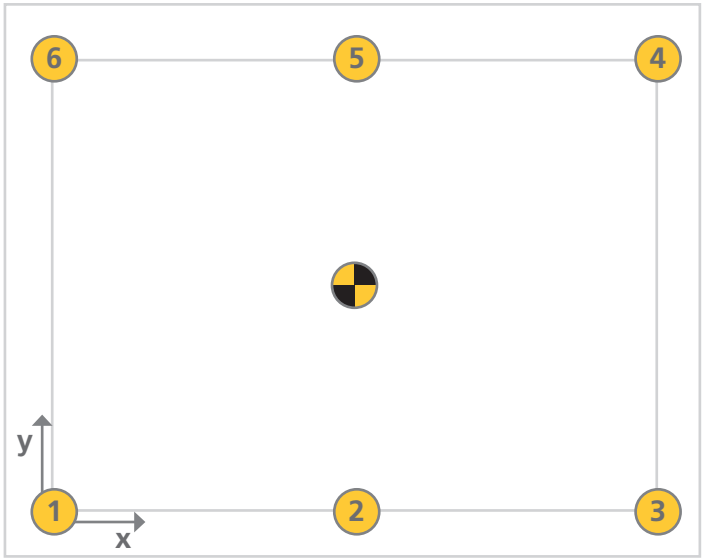
TRAINING WILL BE PROVIDED BY OUR APPLICATION ENGINEERS.

Total Center of Gravity

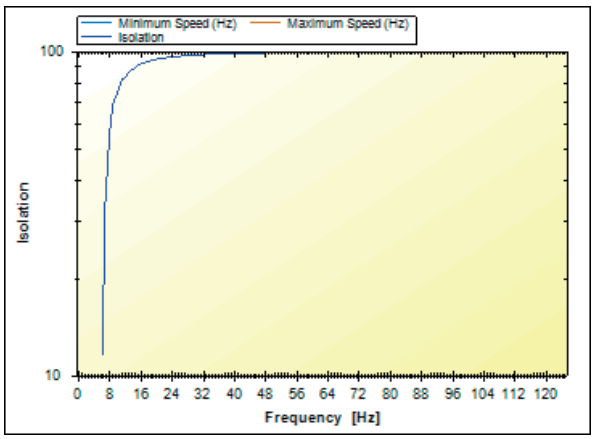
Xcdg (mm.)	Ycdg (mm.)	**Total Mass**
860,0000	500,0000	700,00 Kg.

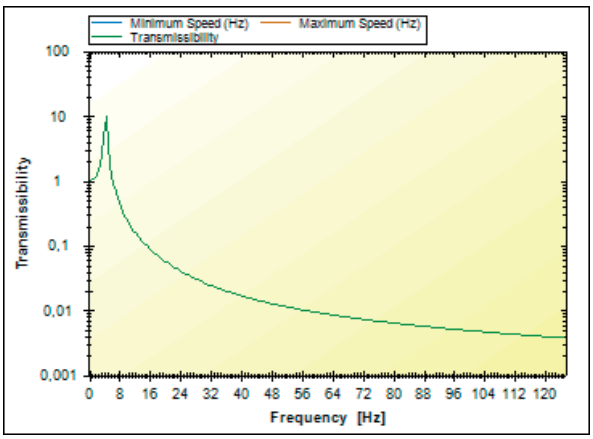
System Loads

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**

VIBRATION ISOLATOR PRO BLUETOOTH ACCELEROMETER



DESCRIPTION

AMC MECANOCAUCHO® Bluetooth Accelerometer has been developed to work in conjunction with the AMC MECANOCAUCHO® free of cost app Vibration Isolator Pro for Android and iOS.
This equipment can provide an immediate vibratory analysis in the frequency domain, by connecting it to an Android or iOS mobile phone or tablet.

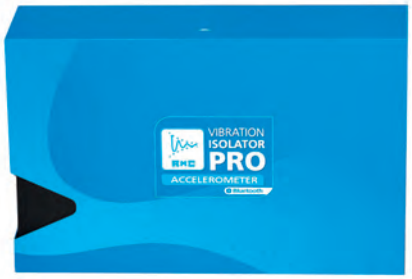
The application will guide the user along several steps in order to complete the analysis in an easy way.

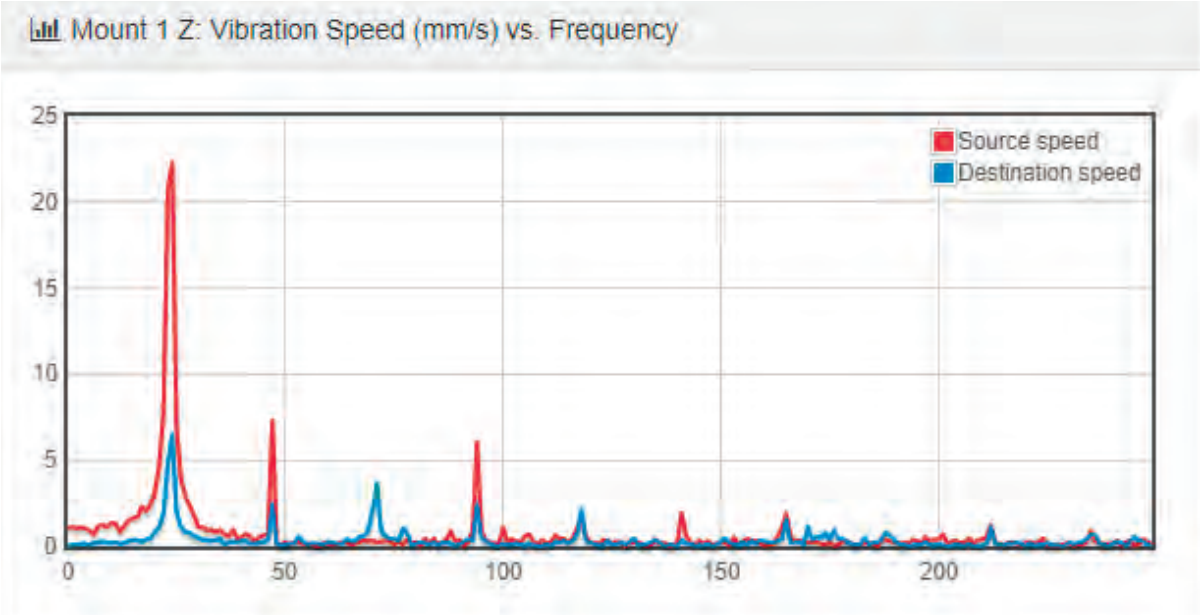
ADVANTAGES

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









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

SPECIFICATIONS

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



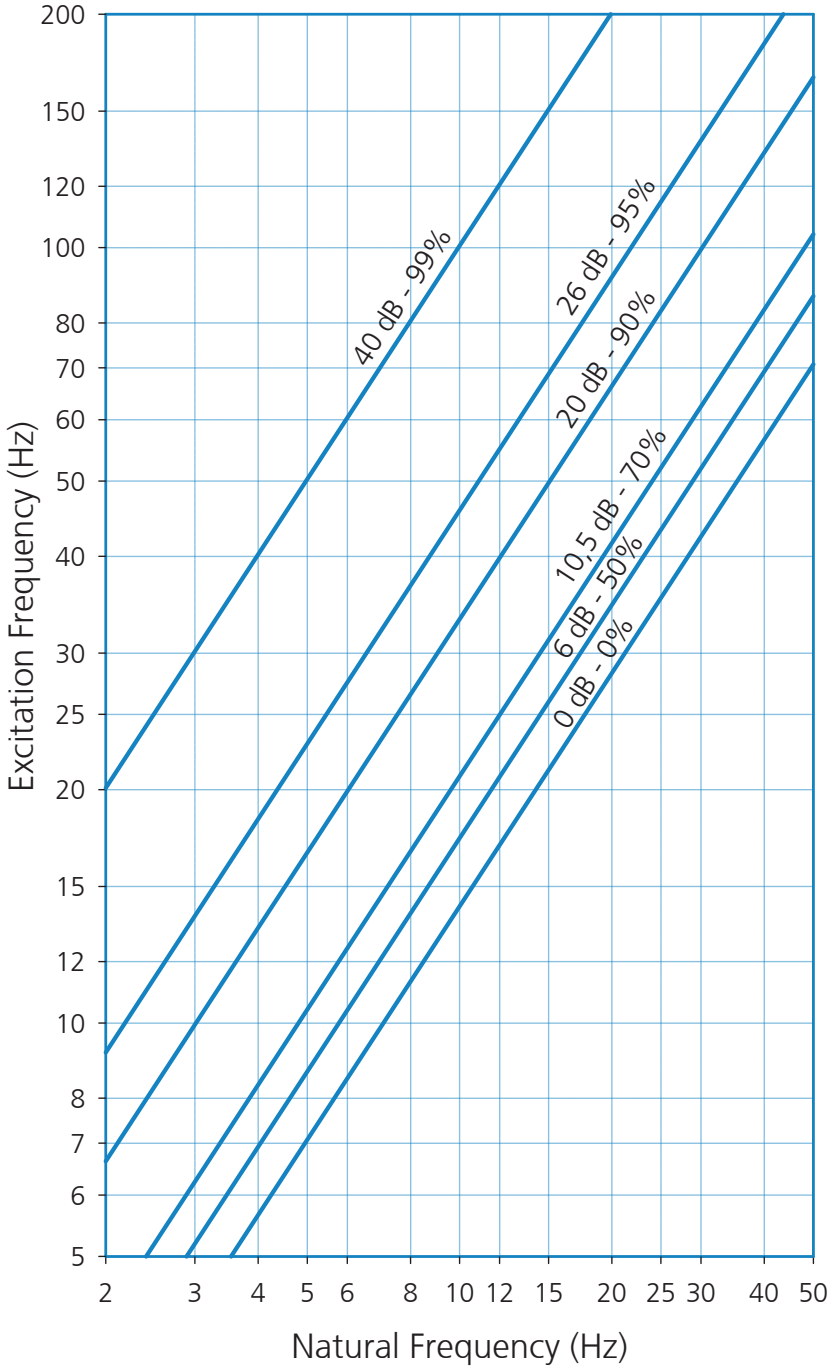
Type	Code
Bluetooth VIP Accelerometer	**711062**



VIDEO TO KNOW THE NEW APPLICATION

MECANOCAUCHO

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®

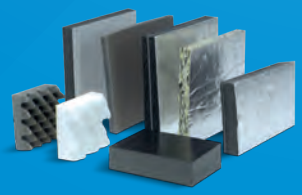
Micro-cellular polyurethane material specially conceived for vibration isolation.



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.

Aplicaciones Mecánicas del Caucho S.A.
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ASTEASU (Gipuzkoa) Spain
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e-mail: sales@amcsa.es
www.akustik.com
www.mecanocaucho.com

BI-00213-2024