PASCALEX
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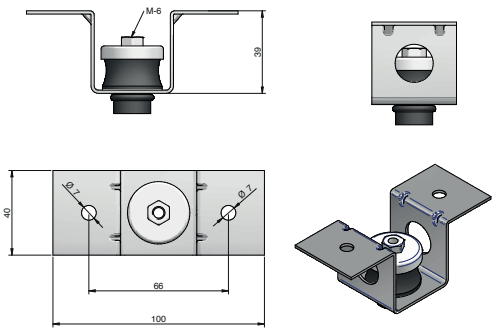
Brossard, Qc.
J4Y 0E4
Contrôle Bruits Vibrations
Vibrations Noises Control

# AKUSTIK+ AMC Mecanocaucho®

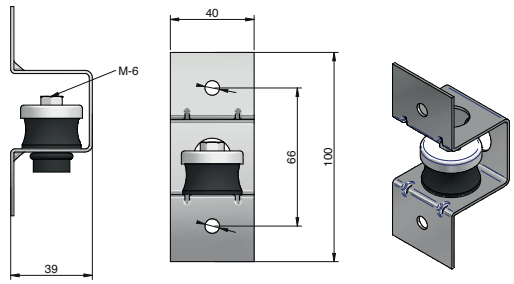
## ACOUSTIC HANGERS

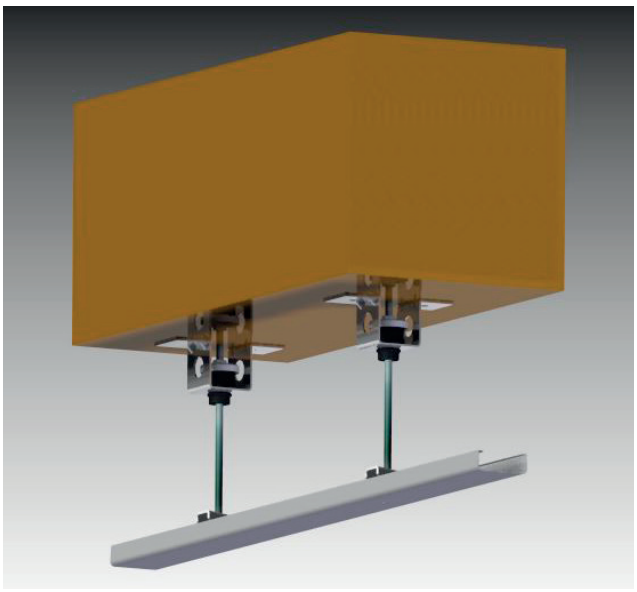
### Akustik Range

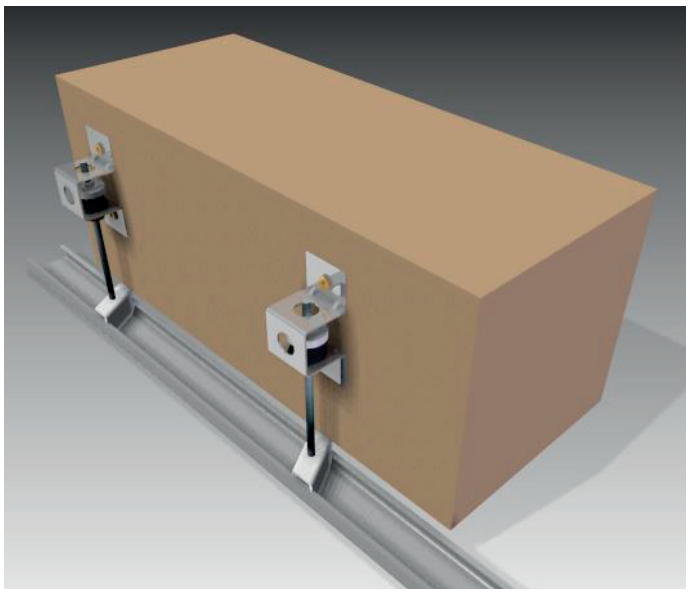
**Akustik 1 Lateral (Standard position)** NEW



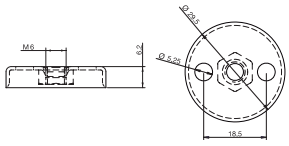

**Akustik 1 Lateral** NEW





| REF. AMC | LOAD | CODE |
|---|---|---|
| Akustik 1 Lateral A-45 | 8-30 Kg | 23571 |
| Akustik 1 Lateral B-60 | 25-60 Kg | 23572 |

| REF. AMC | LOAD | CODE |
|---|---|---|
|  | Levelling bell | 23159 |

## Steps of the installation for the Akustik Safety

| 1. Place the part inside the beam. | 2. Turn the part inside the beam until it is fixed. | 3. The safety system falls by gravity, embracing the profile automatically. |
|---|---|---|

# AKUSTIK+ AMC Mecanocaucho®

## ACOUSTIC HANGERS

### Akustik Range

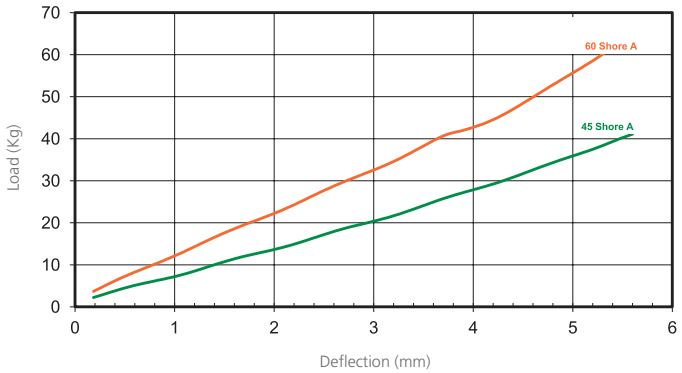
A-45 Loads from 8 to 30 kg | B-60 Loads from 25 to 60 kg

Range designed for suspension of false acoustic ceilings and machinery operating at more than 1.000 r.p.m. The same vibration damping element which is used throughout the Akustik range is made of rubber of high mechanical performance; it is specially designed for vibration damping. The metallic structure is designed to resist loads up to 650 kg. It its supplied with an anti-corrosive zinc-plated coat.

## Dynamic behaviour

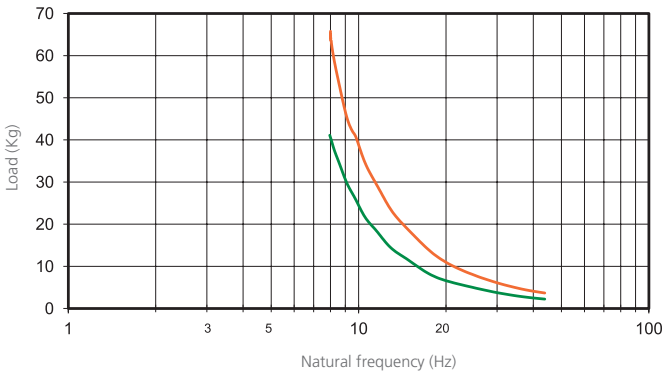
GRAPH 1

**Static load deflection graph**




GRAPH 2

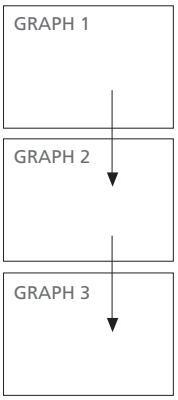
**Natural frequency graph**




To select correct mounting, following data are needed:

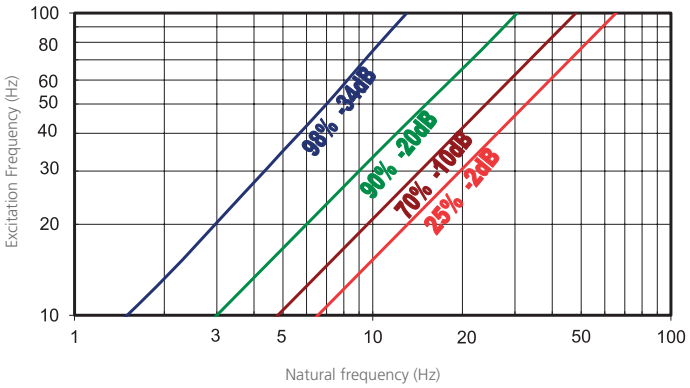
- Load per mounting (kg).
- Disturbing frequency (Hz).

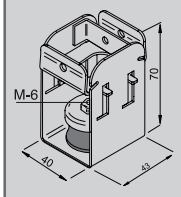
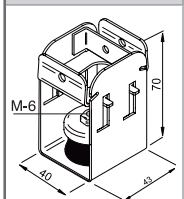
Select correct load line in diagram 1 and refer to diagram 2 to obtain the Natural frequency. With this natural frequency prolong this line to the diagram 3 and obtain the % of isolation at the given Excitation Frequency (Hz).

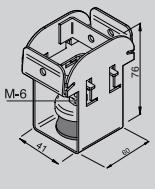
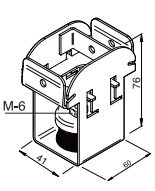


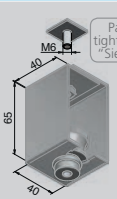
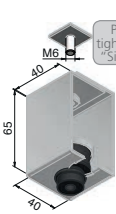

GRAPH 3

**% of isolation and attenuation in dB**




| | REF. AMC | LOAD | CODE |
|---|---|---|---|
|  | Akustik Super T-47 A-45 | 8-30 Kg. | 23801 |
|  | Akustik Super T-47 B-60 | 25-60 Kg. | 23802 |

| | REF. AMC | LOAD | CODE |
|---|---|---|---|
|  | Akustik Super T-60 A-45 | 8-30 Kg. | 23811 |
|  | Akustik Super T-60 B-60 | 25-60 Kg. | 23812 |

| | REF. AMC | LOAD | CODE |
|---|---|---|---|
|  | Akustik Sierra A-45 | 8-30 Kg. | 23861 |
|  | Akustik Sierra B-60 | 25-60 Kg. | 23862 |

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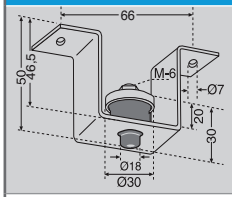
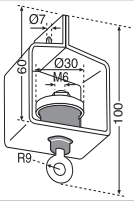
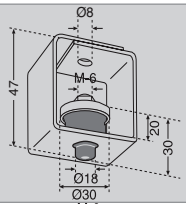
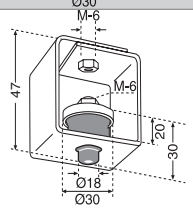
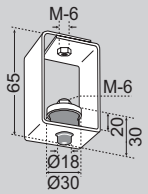
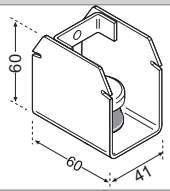
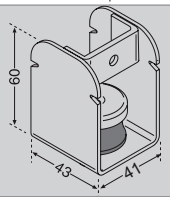
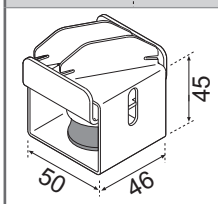
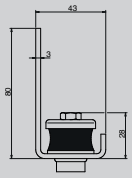
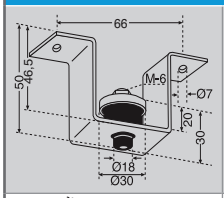
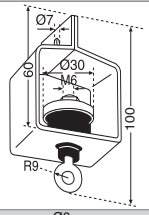
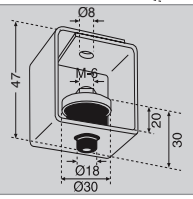
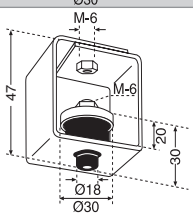
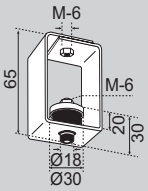
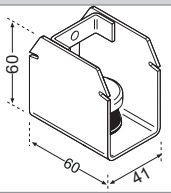
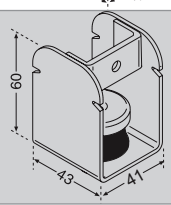
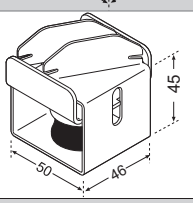
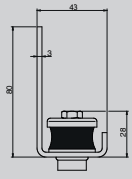
# ACOUSTIC HANGERS

| | REF. AMC | LOAD | CODE | SUMMARY |
|---|---|---|---|---|
|  | Akustik 1 A-45 | 8-30 Kg | 23101 | Fitted directly to ceiling using two holes. |
|  | Akustik 2 A-45 | 8-30 Kg | 23111 | Anchoring to the ceiling with hooks. |
|  | Akustik 3 A-45 | 8-30 Kg | 23121 | Fitted by using an M-6 rod and a nut. |
|  | Akustik 4 A-45 | 8-30 Kg | 23131 | Fitted to ceiling using an M-6 rod. |
|  | Akustik 4 high A-45 | 8-30 Kg | 23133 | Fitted to ceiling using an M-6 rod. |
|  | Akustik Rapid T-60 A-45 | 8-30 Kg | 23143 | Fitted to ceiling using an M-6 rod. |
|  | Akustik Rapid T-47 A-45 | 8-30 Kg | 23145 | Designed for easy and accesible fitting together with great strenght. |
|  | Akustik Safety T-47 A-45 | 8-30 Kg | 23210 | The rotational system of the part assures the correct installation thanks to the design of the metal part at 45°. |
|  | Akustik GB A-45 | 8-30 Kg. | 23103 | Designed for vertical plane fitting |

| | REF. AMC | LOAD | CODE | SUMMARY |
|---|---|---|---|---|
|  | Akustik 1 B-60 | 25-60 Kg | 23102 | Fitted directly to ceiling using two holes. |
|  | Akustik 2 B-60 | 25-60 Kg | 23112 | Anchoring to the ceiling with hooks. |
|  | Akustik 3 B-60 | 25-60 Kg | 23122 | Fitted by using an M-6 rod and a nut. |
|  | Akustik 4 B-60 | 25-60 Kg | 23132 | Fitted to ceiling using an M-6 rod. |
|  | Akustik 4 high B-60 | 25-60 Kg | 23134 | Fitted to ceiling using an M-6 rod. |
|  | Akustik Rapid T-60 B-60 | 25-60 Kg | 23144 | Fitted to ceiling using an M-6 rod. |
|  | Akustik Rapid T-47 B-60 | 25-60 Kg | 23146 | Designed for easy and accesible fitting together with great strenght. |
|  | Akustik Safety T-47 B-60 | 25-60 Kg | 23213 | The rotational system of the part assures the correct installation thanks to the design of the metal part at 45°. |
|  | Akustik GB B-60 | 25-60 Kg. | 23104 | Designed for vertical plane fitting |

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# ACOUSTIC HANGERS

## Grand Akustik range

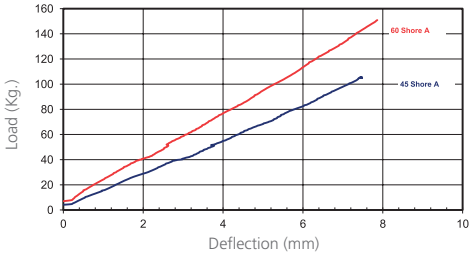
A-45 load from 40 to 100 kg | B-60 load from 80 to 150 kg

Range designed for suspension of false acoustic ceilings and machinery operating at more than 1.000 r.p.m. The same antivibration element is used for all the range. This element is made of rubber offering high mechanical performance and t is specially studied for vibratory insulation. The metallic structure is designed lo resist loads up to 1000 Kg. It its supplied with an anticorrosive zinc-plated coat.

Dynamic behaviour

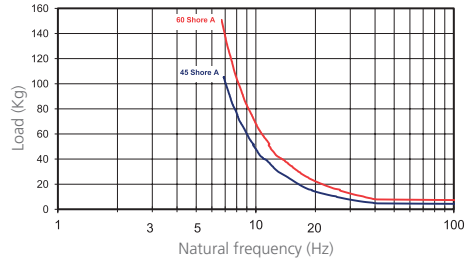
GRAPH 1

**Static load deflection graph**



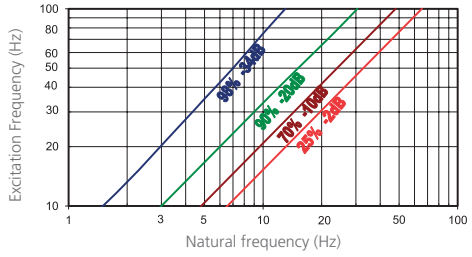

GRAPH 2

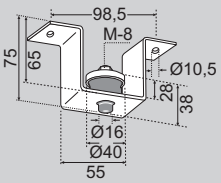
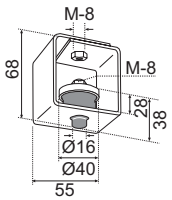
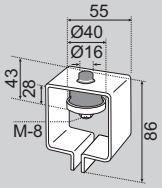
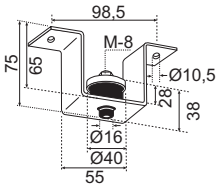
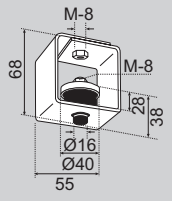
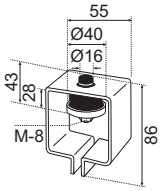
**Natural frequency (Hz)**




GRAPH 3

**% of isolation and attenuation in dB**




| | REF. AMC | LOAD | CODE |
|---|---|---|---|
|  | Grand Akustik 1 A-45 | 40-100 Kg. | 23201 |
|  | Grand Akustik 2 A-45 | 40-100 Kg. | 23211 |
|  | Grand Akustik 3 A-45 | 40-100 Kg. | 23221 |
|  | Grand Akustik 1 B-60 | 80-150 Kg. | 23202 |
|  | Grand Akustik 2 B-60 | 80-150 Kg. | 23212 |
|  | Grand Akustik 3 B-60 | 80-150 Kg. | 23222 |

Grand Akustik 3

Grand Akustik 2

Example of installation