

# FZ SYLOMER® ANTI VIBRATION MOUNTS



The AMC-MECANOCAUCHO® FZ mounts are composed by two metal parts surrounded by a high resiliency Sylomer® poliurethane compound that offers a high isolation capacity with a small static deformation in all MEDIUM-HIGH frequency range. They have also an interlocking metal component that provides a fail-safe protection. The Sylomer® polyurethane compound is oil resistant and the temperature range of the FZ mounts is -30°C +70°C.

## TECHNICAL CHARACTERISTICS

- The AMC-MECANOCAUCHO FZ mounts incorporate interlocking metal component that provide a fail-safe protection for mobile applications. This device limits the ascending vertical movement when the mounting is submitted to shocks at traction.
- The thickness of the metal parts are robust and are suitable for off road applications. The metal parts have a suitable anti-corrosive treatment for outdoor applications.
- The Sylomer® polyurethane compound is oil resistant and the temperature range of the FZ mounts is 30 °C +70°C

## APPLICATIONS

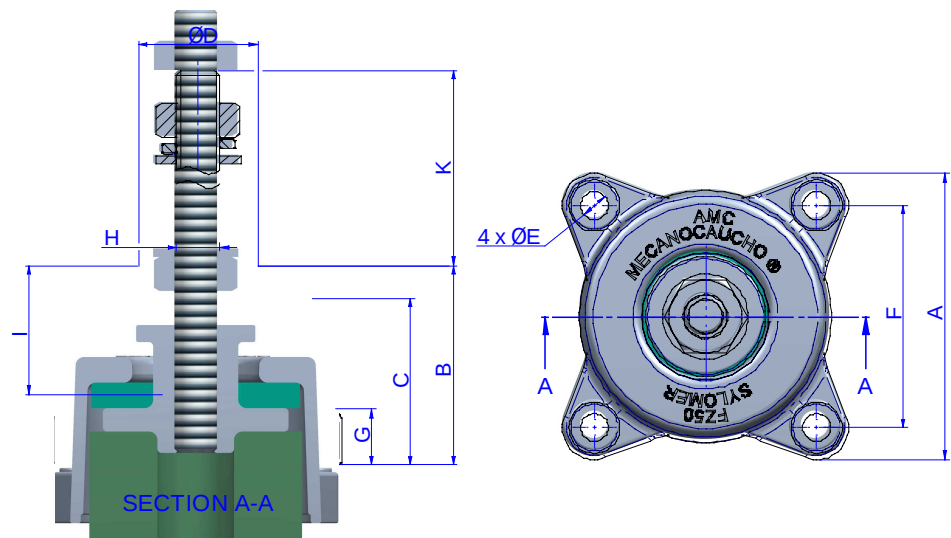
The AMC-MECANOCAUCHO® FZ mounts have been primarily designed for mobile applications.

They are often used for the isolation of sensitive equipment embarked on vehicles submitted to shocks



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DRAWINGS



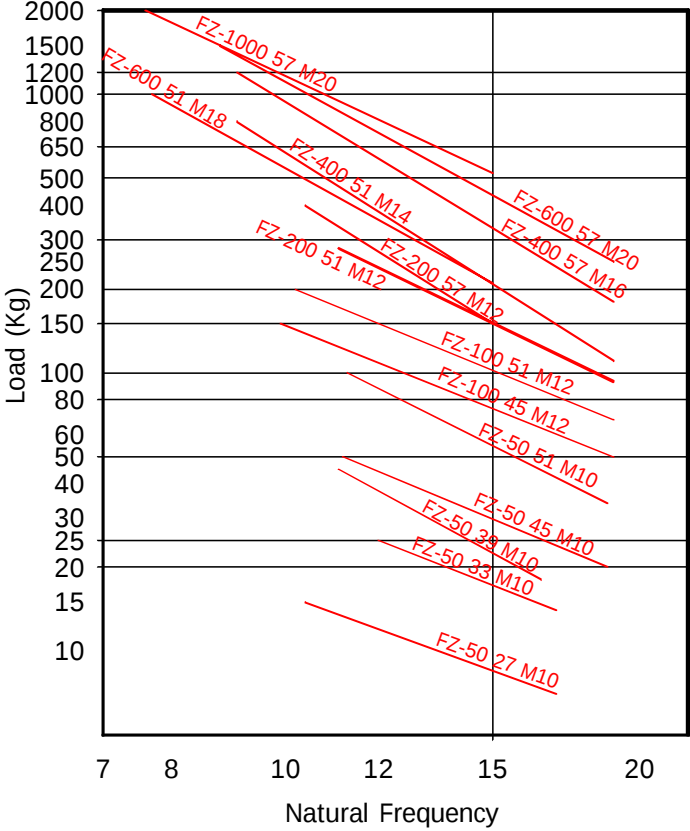
DIMENSIONS

| Type                     | D<br>(mm) | A<br>(mm) | B<br>(mm) | C<br>(mm) | E<br>(mm) | F<br>(mm) | G<br>(mm) | H<br>(mm) | I<br>(mm) | K<br>(mm) | Load<br>(kg) | Weight<br>(gr.) | Code   |
|--------------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|--------------|-----------------|--------|
| FZ-50-27-M10 + LEV KIT   | 28        | 67        | 46.5      | 39        | 6.5       | 52        | 13        | 10        | 26        | 60        | 15           | 311             | 176293 |
| FZ-50-33-M10 + LEV KIT   | 28        | 67        | 46.5      | 39        | 6.5       | 52        | 13        | 10        | 26        | 60        | 25           | 311             | 176295 |
| FZ-50-39-M10 + LEV KIT   | 28        | 67        | 46.5      | 39        | 6.5       | 52        | 13        | 10        | 26        | 60        | 45           | 311             | 176297 |
| FZ-50-45-M10 + LEV KIT   | 28        | 67        | 46.5      | 39        | 6.5       | 52        | 13        | 10        | 26        | 60        | 50           | 311             | 176281 |
| FZ-50-51-M10 + LEV KIT   | 28        | 67        | 46.5      | 39        | 6.5       | 52        | 13        | 10        | 26        | 60        | 50-100       | 311             | 176291 |
| FZ-100-45-M12 + LEV KIT  | 25        | 80        | 56        | 48        | 6.5       | 67        | 13        | 12        | 27,5      | 60        | 100-150      | 464             | 176299 |
| FZ-100-51-M12 + LEV KIT  | 25        | 80        | 56        | 48        | 6,5       | 67        | 13        | 12        | 27,5      | 60        | 150-200      | 464             | 176301 |
| FZ-200-51-M12 + LEV KIT  | 40        | 109       | 72        | 55        | 8,5       | 90        | 15        | 12        | 27,5      | 60        | 170-280      | 978             | 176311 |
| FZ-200-57-M12 + LEV KIT  | 40        | 109       | 72        | 55        | 8,5       | 90        | 15        | 12        | 27,5      | 60        | 280-400      | 978             | 176321 |
| FZ-200-57-M14 + LEV KIT  | 40        | 109       | 72        | 55        | 8,5       | 90        | 15        | 14        | 27,5      | 60        | 280-400      | 978             | 176323 |
| FZ-400-51-M14 + LEV KIT  | 65        | 155       | 94        | 80        | 12,5      | 125       | 22        | 14        | 27,5      | 60        | 460-800      | 2461            | 176331 |
| FZ-400-57-M16 + LEV KIT  | 65        | 155       | 94        | 80        | 12,5      | 125       | 22        | 16        | 27,5      | 60        | 800-1000     | 2461            | 176341 |
| FZ-600-51-M18 + LEV KIT  | 65        | 175       | 94        | 80        | 14        | 140       | 23        | 18        | 28        | 60        | 1000-1200    | 3077            | 176351 |
| FZ-600-57-M20 + LEV KIT  | 65        | 175       | 94        | 80        | 14        | 140       | 23        | 20        | 28        | 60        | 1200-1500    | 3077            | 176361 |
| FZ-1000-57-M20 + LEV KIT | 65        | 205       | 95        | 80        | 16        | 162       | 28        | 20        | 28        | 60        | 1500-2000    | 3751            | 176371 |

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Elastical properties

DYNAMIC CURVES  
FZ + Sylomer® Mounts



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