# FZ +Sylomer® Mounts

## High-performance vibration isolation supports made of aluminium and Sylomer® elastomer for high and low frequency isolation



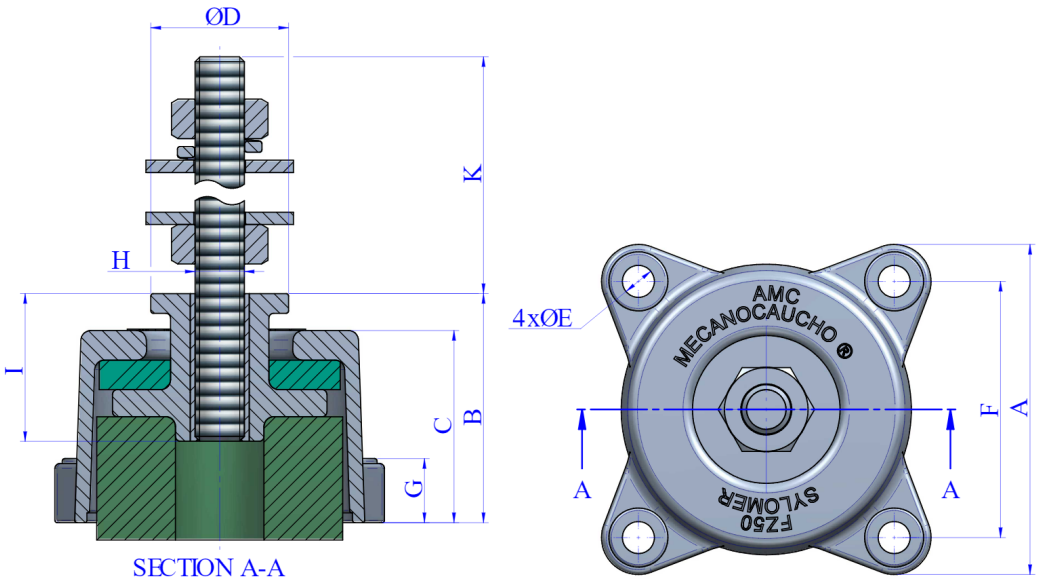
The AMC MECANOCAUCHO® FZ mounts use high resiliency Sylomer® polyurethane compounds. The internal architecture of the mount is composed of two metal parts surrounded by the elastic compound. The exterior metallic armor incorporates 4 holes for the fixation of the mount to the frame. The interior metal part consists of a machined metal ring that transfers the traction and compression loads to the elastomer. This machined metal ring has a wider diameter than the exterior metal armor acting as a failsafe device.The Sylomer® polyurethane compound is oil resistant and the temperature range of the FZ mounts is -30ºC +70ºC.

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## Drawings

### FZ-50-27-M10 + LEV KIT / FZ-50-33-M10 + LEV KIT / FZ-50-39-M10 + LEV KIT / FZ-50-45-M10 + LEV KIT / FZ-50-51-M10 + LEV KIT / FZ-100-45-M12 + LEV KIT / FZ-100-51-M12 + LEV KIT / FZ-200-51-M12 + LEV KIT / FZ-200-57-M12 + LEV KIT / FZ-200-57-M14 + LEV KIT / FZ-400-51-M14 + LEV KIT

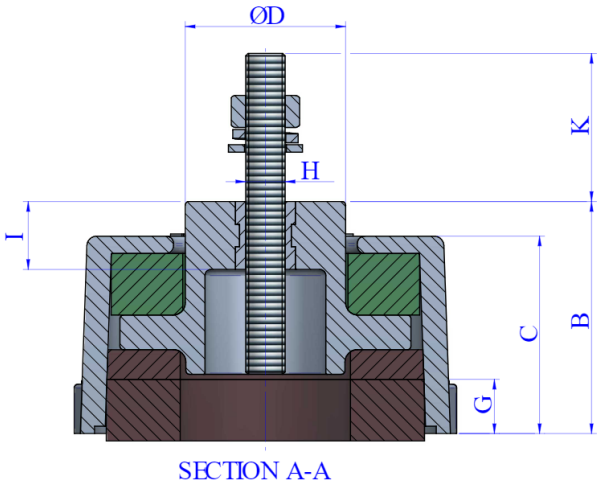


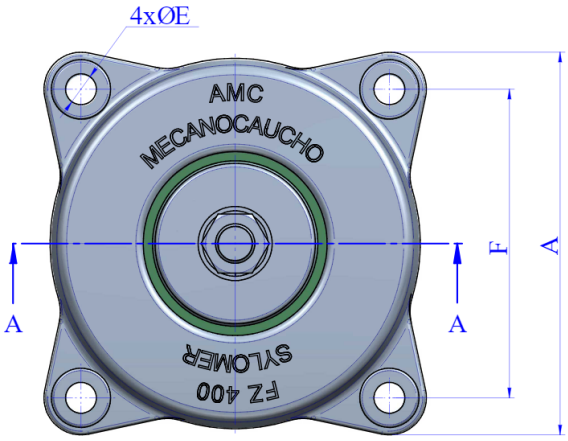

| Type | Max. Load (lbs) | A(in) | B(in) | C(in) | D(in) | E(in) | F(in) | G(in) | H(in) | I(in) | K(in) | Weight(lbs) | Code |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FZ-50-27-M10 + LEV KIT | 33 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | 2.36 | 1 | 176293 |
| FZ-50-33-M10 + LEV KIT | 55 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | 2.36 | 1 | 176295 |
| FZ-50-39-M10 + LEV KIT | 99 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | 2.36 | 1 | 176297 |
| FZ-50-45-M10 + LEV KIT | 110 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | 2.36 | 1 | 176281 |
| FZ-50-51-M10 + LEV KIT | 50-100 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | 2.36 | 1 | 176291 |
| FZ-100-45-M12 + LEV KIT | 100-150 | 3.15 | 2.2 | 1.89 | 0.98 | 0.26 | 2.64 | 0.51 | 0.47 | 1.08 | 2.36 | 1 | 176299 |
| FZ-100-51-M12 + LEV KIT | 150-200 | 3.15 | 2.2 | 1.89 | 0.98 | 0.26 | 2.64 | 0.51 | 0.47 | 1.08 | 2.36 | 1 | 176301 |
| FZ-200-51-M12 + LEV KIT | 170-280 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.47 | 1.08 | 2.36 | 2 | 176311 |
| FZ-200-57-M12 + LEV KIT | 280-400 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.47 | 1.08 | 2.36 | 2 | 176321 |
| FZ-200-57-M14 + LEV KIT | 280-400 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.55 | 1.08 | 2.36 | 2 | 176323 |
| FZ-400-51-M14 + LEV KIT | 460-800 | 6.1 | 3.7 | 3.15 | 2.56 | 0.49 | 4.92 | 0.87 | 0.55 | 1.08 | 2.36 | 5 | 176331 |

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# FZ-400-57-M16 + LEV KIT / FZ-600-51-M18 + LEV KIT / FZ-600-57-M20 + LEV KIT / FZ-1000-57-M20 + LEV KIT



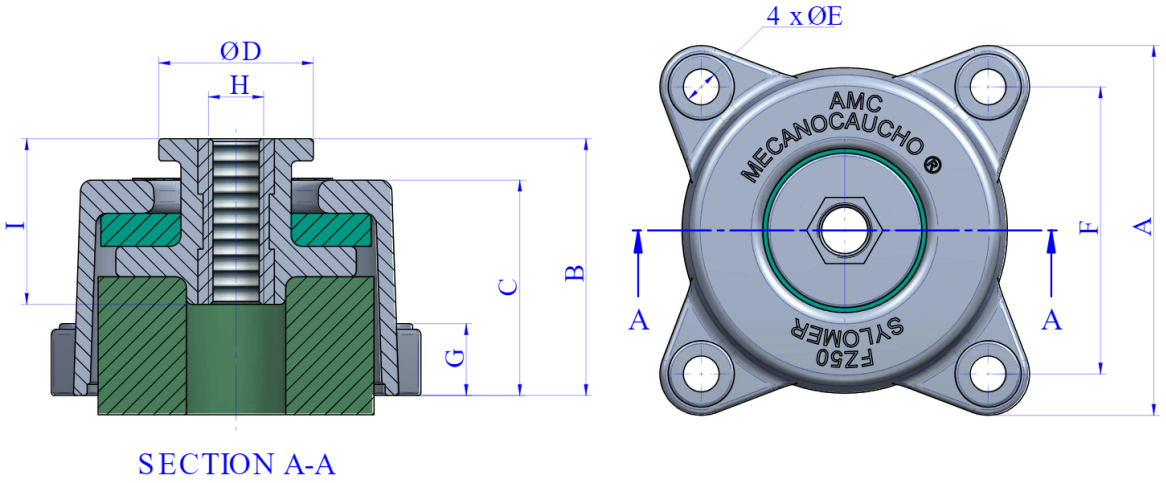




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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FZ-400-57-M16 + LEV KIT | 800-1000 | 6.1 | 3.7 | 3.15 | 2.56 | 0.49 | 4.92 | 0.87 | 0.63 | 1.08 | 2.36 | 5 | 176341 |
| FZ-600-51-M18 + LEV KIT | 1000-1200 | 6.89 | 3.7 | 3.15 | 2.56 | 0.55 | 5.51 | 0.91 | 0.71 | 1.1 | 2.36 | 7 | 176351 |
| FZ-600-57-M20 + LEV KIT | 1200-1500 | 6.89 | 3.7 | 3.15 | 2.56 | 0.55 | 5.51 | 0.91 | 0.79 | 1.1 | 2.36 | 7 | 176361 |
| FZ-1000-57-M20 + LEV KIT | 1500-2000 | 8.07 | 3.74 | 3.15 | 2.56 | 0.63 | 6.38 | 1.1 | 0.79 | 1.1 | 2.36 | 8 | 176371 |

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# FZ-50-27-M10 / FZ-50-33-M10 / FZ-50-39-M10 / FZ-50-45-M10 / FZ-50-51-M10 / FZ-100-45-M12 / FZ-100-51-M12 / FZ-200-51-M12 / FZ-200-57-M12 / FZ-200-57-M14 / FZ-400-51-M14 / FZ-400-57-M16 / FZ-600-51-M18 / FZ-600-57-M20 / FZ-1000-57-M20

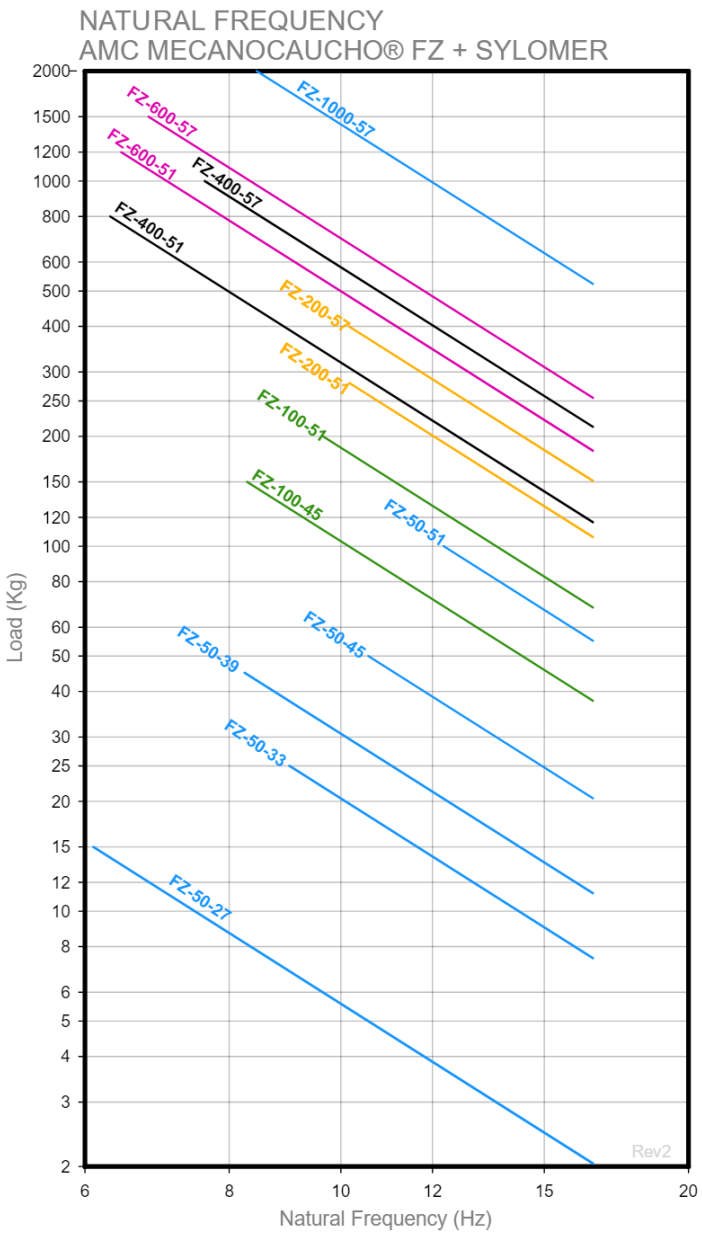


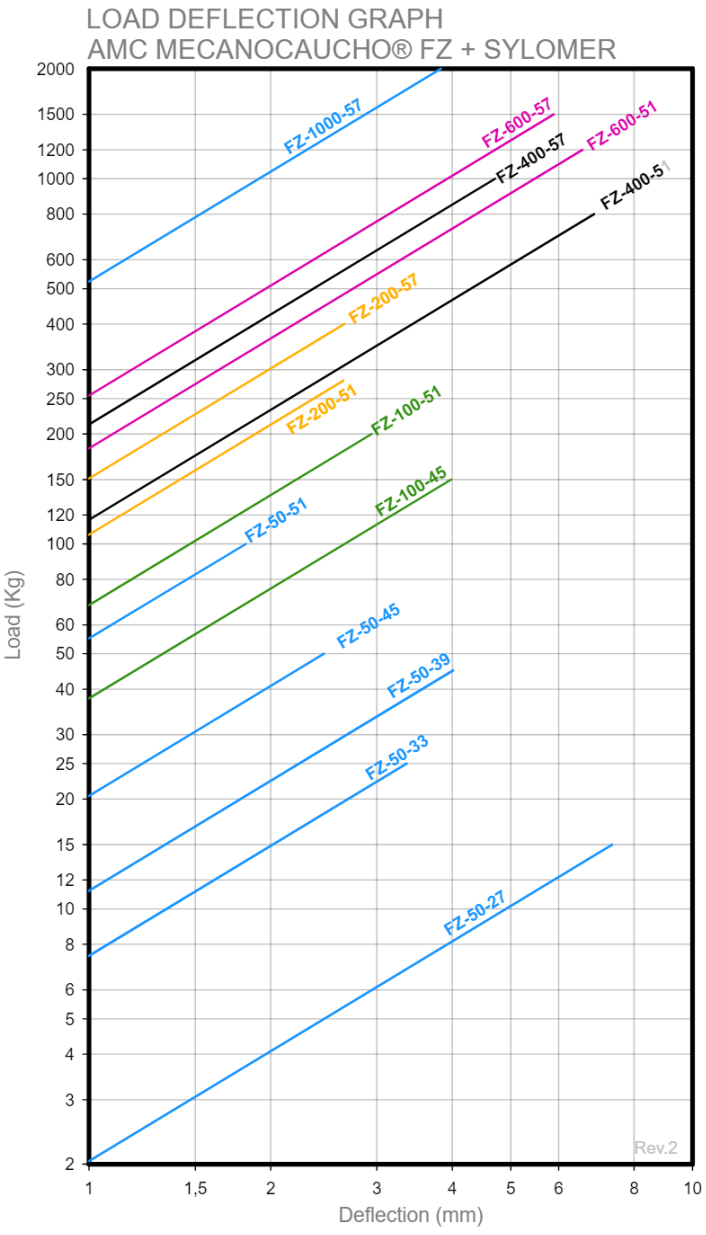

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|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| FZ-50-27-M10 | 33 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | - | 1 | 176294 |
| FZ-50-33-M10 | 55 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | - | 1 | 176296 |
| FZ-50-39-M10 | 99 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | - | 1 | 176298 |
| FZ-50-45-M10 | 110 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | - | 1 | 176282 |
| FZ-50-51-M10 | 50-100 | 2.64 | 1.83 | 1.54 | 1.1 | 0.26 | 2.05 | 0.51 | 0.39 | 1.02 | - | 1 | 176292 |
| FZ-100-45-M12 | 100-150 | 3.15 | 2.2 | 1.89 | 0.98 | 0.26 | 2.64 | 0.51 | 0.47 | 1.08 | - | 1 | 176300 |
| FZ-100-51-M12 | 150-200 | 3.15 | 2.2 | 1.89 | 0.98 | 0.26 | 2.64 | 0.51 | 0.47 | 1.08 | - | 1 | 176302 |
| FZ-200-51-M12 | 170-280 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.47 | 1.08 | - | 2 | 176312 |
| FZ-200-57-M12 | 280-400 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.47 | 1.08 | - | 2 | 176322 |
| FZ-200-57-M14 | 280-400 | 4.29 | 2.83 | 2.17 | 1.57 | 0.33 | 3.54 | 0.59 | 0.55 | 1.08 | - | 2 | 176324 |
| FZ-400-51-M14 | 460-800 | 6.1 | 3.7 | 3.15 | 2.56 | 0.49 | 4.92 | 0.87 | 0.55 | 1.08 | - | 5 | 176332 |
| FZ-400-57-M16 | 800-1000 | 6.1 | 3.7 | 3.15 | 2.56 | 0.49 | 4.92 | 0.87 | 0.63 | 1.08 | - | 5 | 176342 |
| FZ-600-51-M18 | 1000-1200 | 6.89 | 3.7 | 3.15 | 2.56 | 0.55 | 5.51 | 0.91 | 0.71 | 1.1 | - | 6 | 176352 |
| FZ-600-57-M20 | 1200-1500 | 6.89 | 3.7 | 3.15 | 2.56 | 0.55 | 5.51 | 0.91 | 0.79 | 1.1 | - | 6 | 176362 |
| FZ-1000-57-M20 | 1500-2000 | 8.07 | 3.74 | 3.15 | 2.56 | 0.63 | 6.38 | 1.1 | 0.79 | 1.1 | - | 7 | 176372 |

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# Elastic properties




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## 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 ºC +70ºC

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