

FZ + SYLOMER® MOUNTS

DESCRIPTION

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.

TECHNICAL CHARACTERISTICS

- The AMC-MECANOCAUCHO FZ mounts incorporate an 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 anticorrosive treatment for outdoor applications.
- The Sylomer® polyurethane compound is oil resistant and the temperature range of the FZ mounts is -30° C to +70° C.

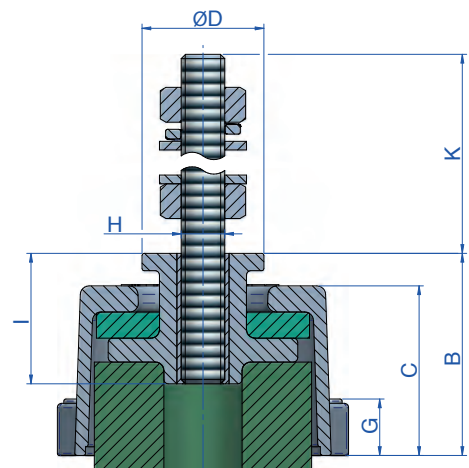
APPLICATIONS

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

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



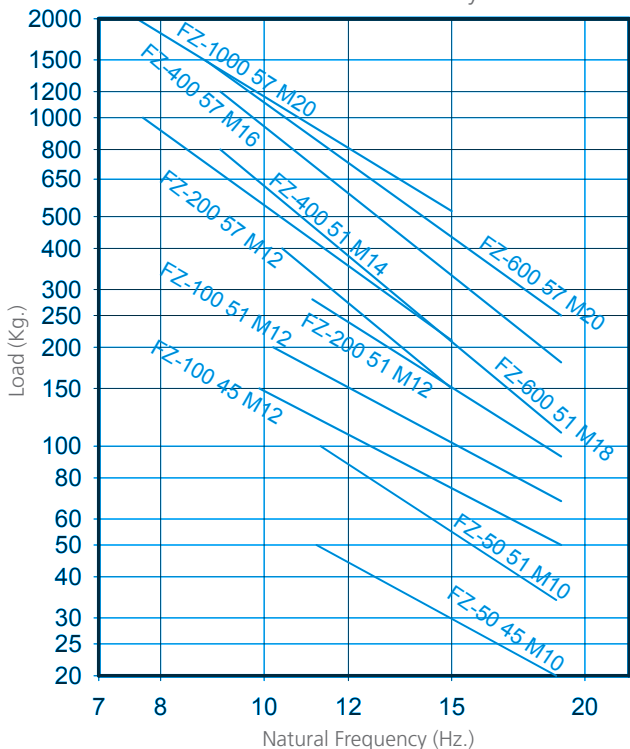
Example of installation on a HVAC equipment



A-A SECTION

| Type | A (mm) | B (mm) | C (mm) | D (mm) | E (mm) | F (mm) | G (mm) | H (mm) | I (mm) | K (mm) | Load (kg) | Weight (gr.) | Code |
|--------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-----------|--------------|--------|
| FZ-50-27-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 15 | 311 | 176293 |
| FZ-50-33-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 25 | 311 | 176295 |
| FZ-50-39-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 45 | 311 | 176297 |
| FZ-50-45-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 50 | 311 | 176281 |
| FZ-50-51-M10 + LEV KIT | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | 60 | 50-100 | 311 | 176291 |
| FZ-100-45-M12 + LEV KIT | 82 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 27,5 | 60 | 100-150 | 464 | 176299 |
| FZ-100-51-M12 + LEV KIT | 82 | 56 | 48 | 25 | 6,5 | 67 | 13 | 12 | 27,5 | 60 | 150-200 | 464 | 176301 |
| FZ-200-51-M12 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | 60 | 170-280 | 978 | 176311 |
| FZ-200-57-M12 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | 60 | 280-400 | 978 | 176321 |
| FZ-200-57-M14 + LEV KIT | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 14 | 27,5 | 60 | 280-400 | 978 | 176323 |
| FZ-400-51-M14 + LEV KIT | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 14 | 27,5 | 60 | 460-800 | 2461 | 176331 |
| FZ-400-57-M16 + LEV KIT | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 16 | 27,5 | 60 | 800-1000 | 2461 | 176341 |
| FZ-600-51-M18 + LEV KIT | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 18 | 28 | 60 | 1000-1200 | 3077 | 176351 |
| FZ-600-57-M20 + LEV KIT | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 20 | 28 | 60 | 1200-1500 | 3077 | 176361 |
| FZ-1000-57-M20 + LEV KIT | 205 | 95 | 80 | 65 | 16 | 162 | 28 | 20 | 28 | 60 | 1500-2000 | 3751 | 176371 |
| FZ-50-27-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 15 | 260 | 176294 |
| FZ-50-33-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 25 | 260 | 176296 |
| FZ-50-39-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 45 | 260 | 176298 |
| FZ-50-45-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 50 | 260 | 176282 |
| FZ-50-51-M10 | 67 | 46.5 | 39 | 28 | 6.5 | 52 | 13 | 10 | 26 | - | 50-100 | 260 | 176292 |
| FZ-100-45-M12 | 82 | 56 | 48 | 25 | 6.5 | 67 | 13 | 12 | 27,5 | - | 100-150 | 380 | 176300 |
| FZ-100-51-M12 | 82 | 56 | 48 | 25 | 6,5 | 67 | 13 | 12 | 27,5 | - | 150-200 | 380 | 176302 |
| FZ-200-51-M12 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | - | 170-280 | 868 | 176312 |
| FZ-200-57-M12 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 12 | 27,5 | - | 280-400 | 868 | 176322 |
| FZ-200-57-M14 | 109 | 72 | 55 | 40 | 8,5 | 90 | 15 | 14 | 27,5 | - | 280-400 | 868 | 176324 |
| FZ-400-51-M14 | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 14 | 27,5 | - | 460-800 | 2253 | 176332 |
| FZ-400-57-M16 | 155 | 94 | 80 | 65 | 12,5 | 125 | 22 | 16 | 27,5 | - | 800-1000 | 2253 | 176342 |
| FZ-600-51-M18 | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 18 | 28 | - | 1000-1200 | 2756 | 176352 |
| FZ-600-57-M20 | 175 | 94 | 80 | 65 | 14 | 140 | 23 | 20 | 28 | - | 1200-1500 | 2756 | 176362 |
| FZ-1000-57-M20 | 205 | 95 | 80 | 65 | 16 | 162 | 28 | 20 | 28 | - | 1500-2000 | 3348 | 176372 |

NATURAL FREQUENCY
AMC MECANOCAUCHO® FZ + Sylomer®



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