FZ + Sylomer® Captive Mounts

Anti-vibration mounts with Sylomer® for vibration isolation of machinery and equipment subjected to compression and tensile loads.

The **AMC-MECANOCAUCHO® FZ + Sylomer® mounts** incorporate a **Sylomer® elastic element** specifically designed to reduce the transmission of **vibration and structure-borne noise** from machinery and equipment to the supporting structure.

Their design combines a **robust metal housing** with a Sylomer® element operating in both **compression and tension**. The inner metal component transfers the loads to the elastic element, while the mount geometry incorporates an **integrated mechanical fail-safe feature** to retain the equipment in the event of excessive movement.

The outer housing features **four fixing points** to provide stable and secure installation on the supporting frame. This design makes FZ mounts particularly suitable for equipment requiring both **effective vibration isolation and a high level of mechanical safety**.

Sylomer® also provides **excellent resistance to oils and good long-term mechanical properties**. FZ mounts can be used within a temperature range of **-30 °C to +70 °C**.

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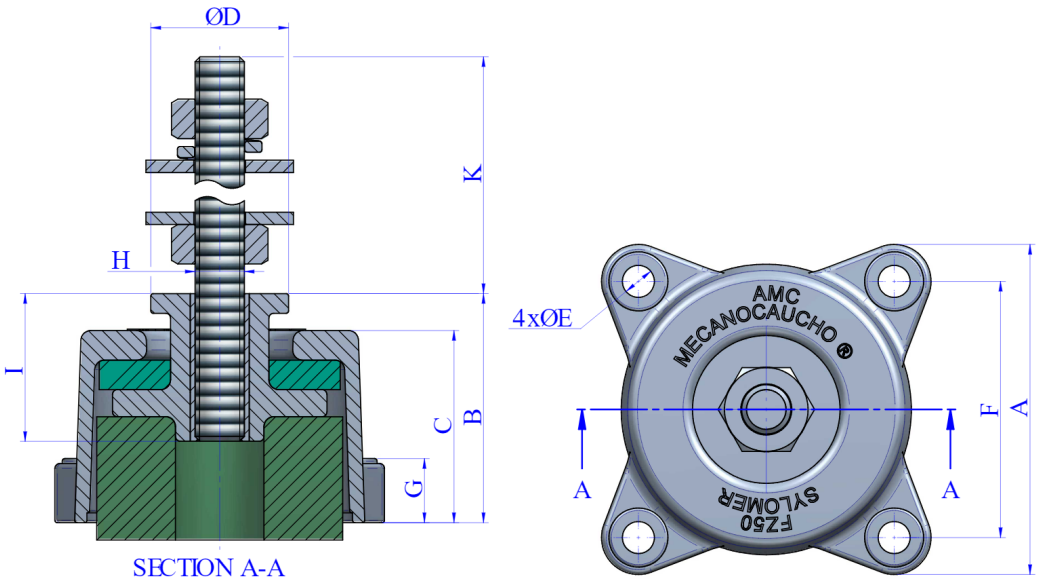
Drawings

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 (kg)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	K(mm)	Weight(gr)	Code
FZ-50-27-M10 + LEV KIT	15	67	46.5	39	28	6.5	52	13	10	26	60	311	176293
FZ-50-33-M10 + LEV KIT	25	67	46.5	39	28	6.5	52	13	10	26	60	311	176295
FZ-50-39-M10 + LEV KIT	45	67	46.5	39	28	6.5	52	13	10	26	60	311	176297
FZ-50-45-M10 + LEV KIT	50	67	46.5	39	28	6.5	52	13	10	26	60	311	176281
FZ-50-51-M10 + LEV KIT	50-100	67	46.5	39	28	6.5	52	13	10	26	60	311	176291
FZ-100-45-M12 + LEV KIT	100-150	82	56	48	25	6.5	67	13	12	27,5	60	464	176299
FZ-100-51-M12 + LEV KIT	150-200	82	56	48	25	6,5	67	13	12	27,5	60	464	176301
FZ-200-51-M12 + LEV KIT	170-280	109	72	55	40	8,5	90	15	12	27,5	60	978	176311
FZ-200-57-M12 + LEV KIT	280-400	109	72	55	40	8,5	90	15	12	27,5	60	978	176321
FZ-200-57-M14 + LEV KIT	280-400	109	72	55	40	8,5	90	15	14	27,5	60	978	176323
FZ-400-51-M14 + LEV KIT	460-800	155	94	80	65	12,5	125	22	14	27,5	60	2461	176331

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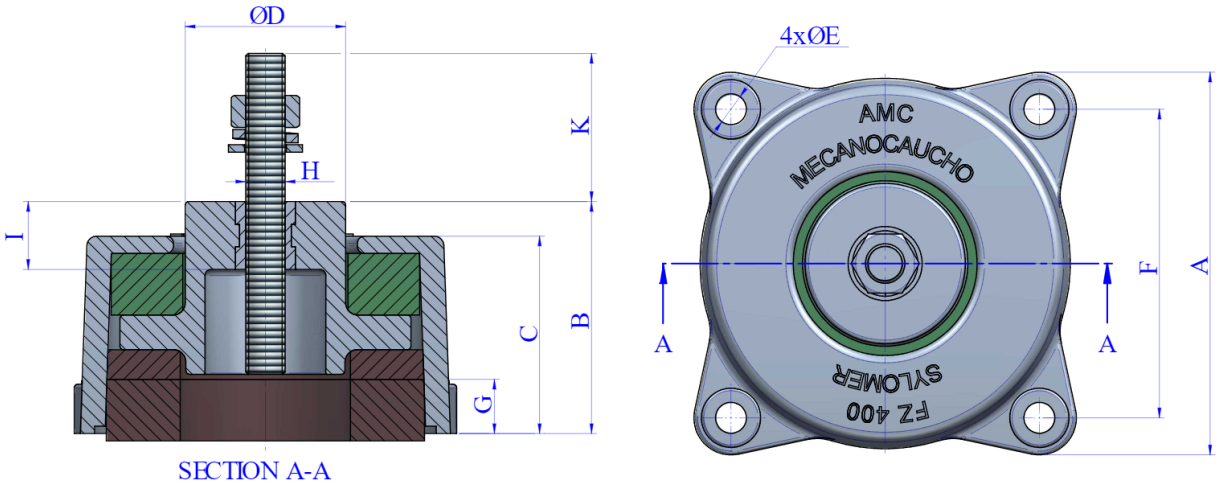
FZ-400-57-M16 + LEV KIT / FZ-600-51-M18 + LEV KIT / FZ-600-57-M20 + LEV KIT / FZ-1000-57-M20 + LEV KIT



Type	Max. Load (kg)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	K(mm)	Weight(gr)	Code
FZ-400-57-M16 + LEV KIT	800-1000	155	94	80	65	12,5	125	22	16	27,5	60	2461	176341
FZ-600-51-M18 + LEV KIT	1000-1200	175	94	80	65	14	140	23	18	28	60	3077	176351
FZ-600-57-M20 + LEV KIT	1200-1500	175	94	80	65	14	140	23	20	28	60	3077	176361
FZ-1000-57-M20 + LEV KIT	1500-2000	205	95	80	65	16	162	28	20	28	60	3751	176371

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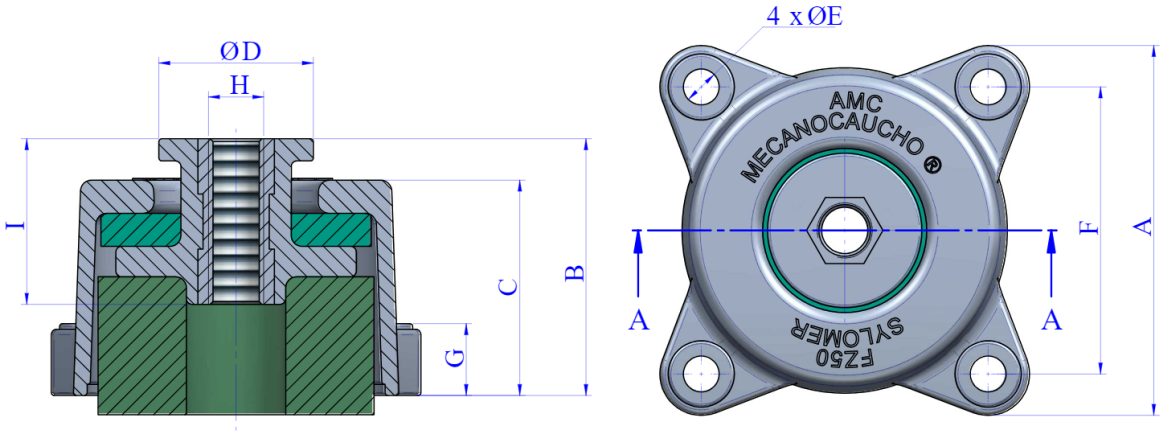
FZ-50-27-M10 / FZ-50-33-M10 / FZ-50-39-M10 / FZ-50-45-M10 / FZ-50-51-M10 / FZ-100-45-M12 / FZ-100-51-M12 / FZ-200-51-M12 / FZ-200-57-M12 / FZ-200-57-M14 / FZ-400-51-M14 / FZ-400-57-M16 / FZ-600-51-M18 / FZ-600-57-M20 / FZ-1000-57-M20



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

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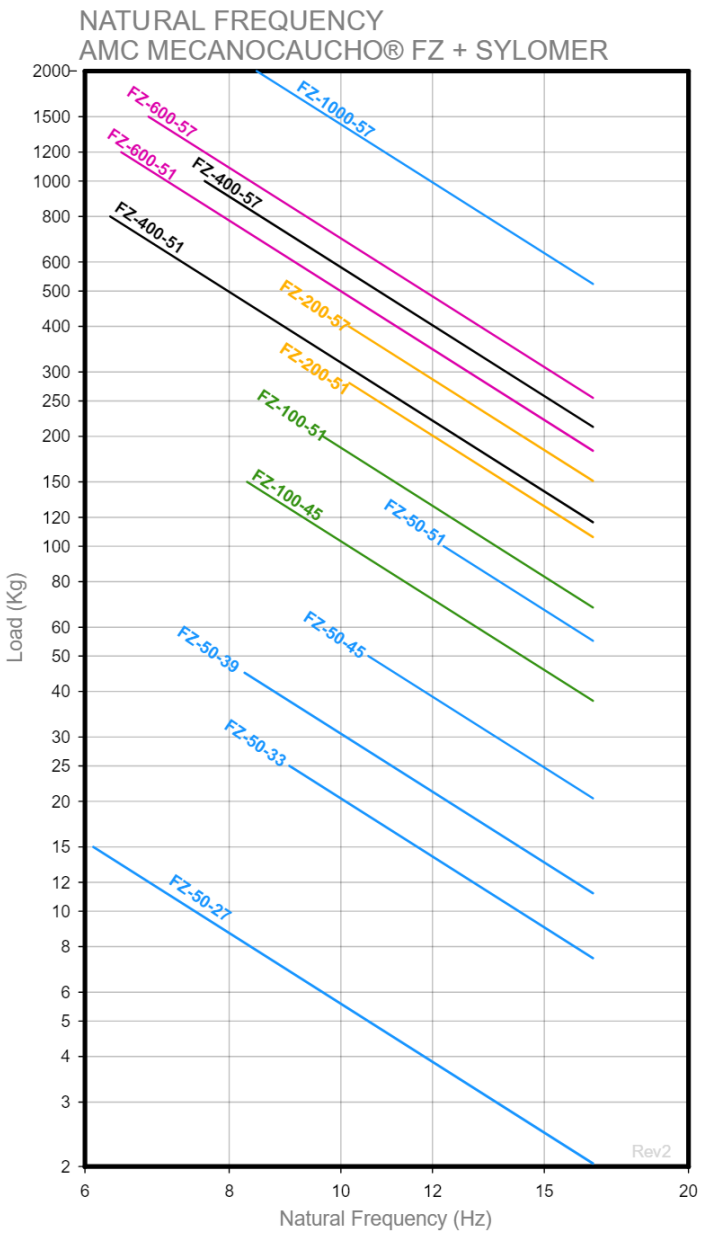
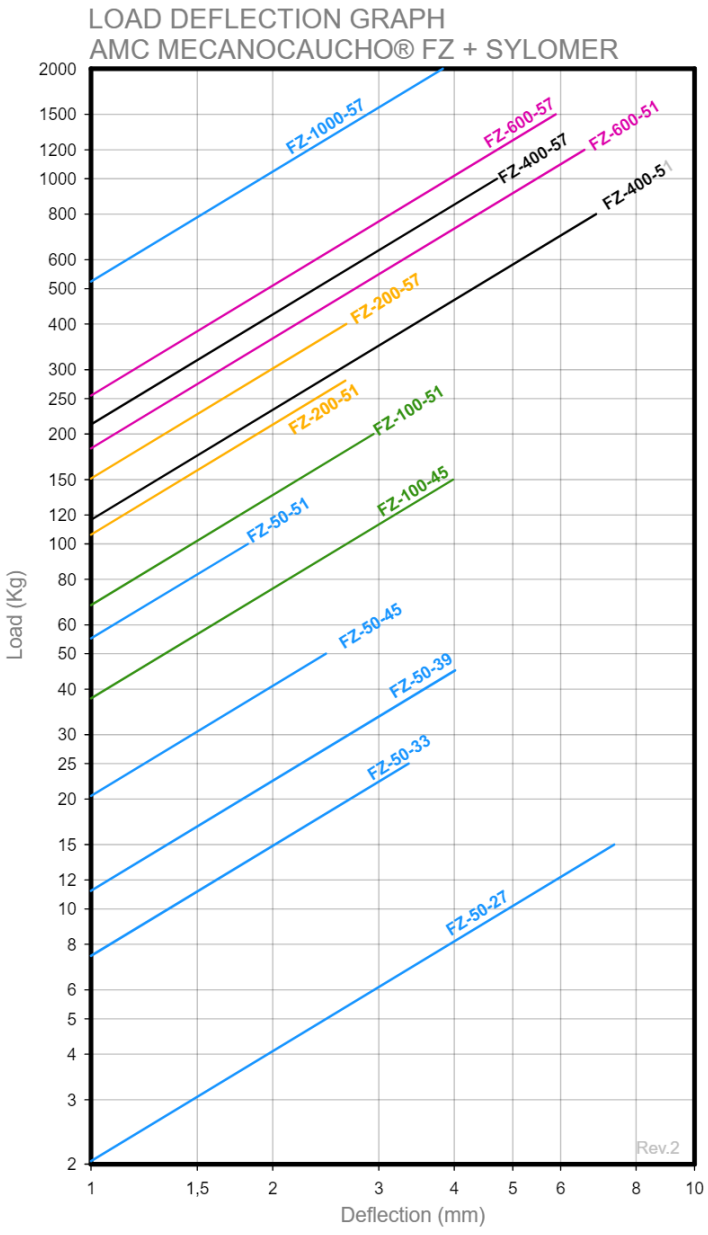
Elastic properties





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Technical characteristics

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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

Advantages

Incorporates Sylomer® elastomer, highly effective for isolating both high and low frequencies

Sylomer® provides high isolation across a wide frequency range and is particularly effective at high frequencies, effectively eliminating the transmission of structure-borne noise.

Easy Installation

This mount requires minimal structural modifications, making installation quick and straightforward.

High protection against weathering and chemical contamination

The bell housing protects the rubber from ozone and UV radiation, while also preventing contact with diesel, oils or other chemicals that could damage it.

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