

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.

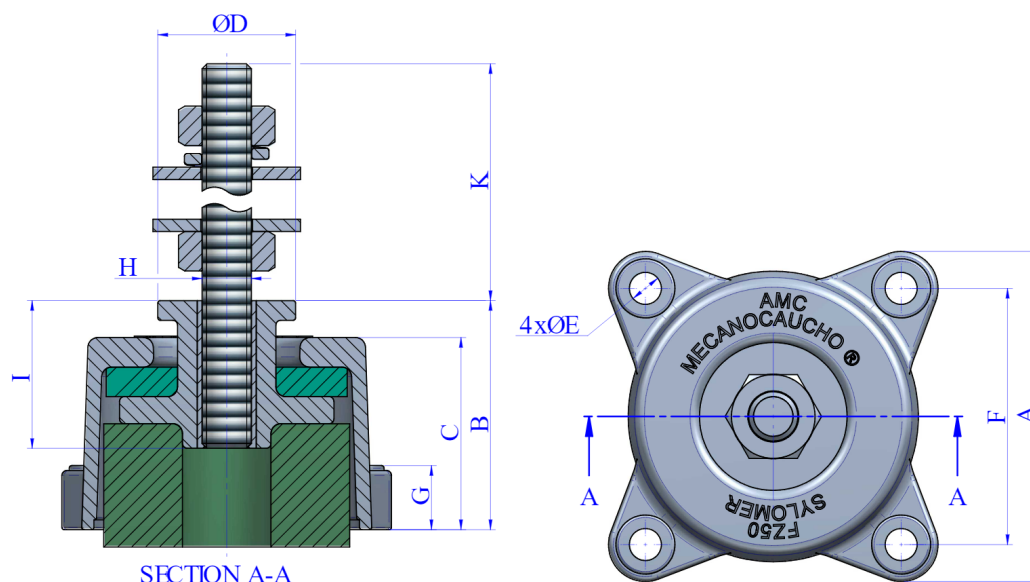
Their design combines a **robust metal housing** with a Sylomer® element operating in both **compression and tension**. The inner metal component transfers the loads to the elastic element, while the mount geometry incorporates an **integrated mechanical fail-safe feature** to retain the equipment in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

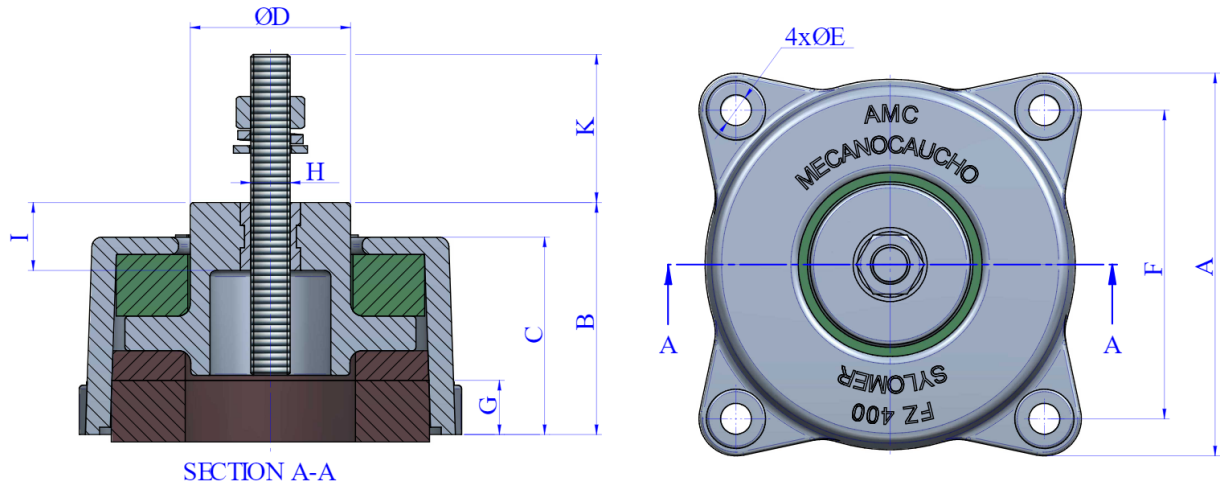
Drawings

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



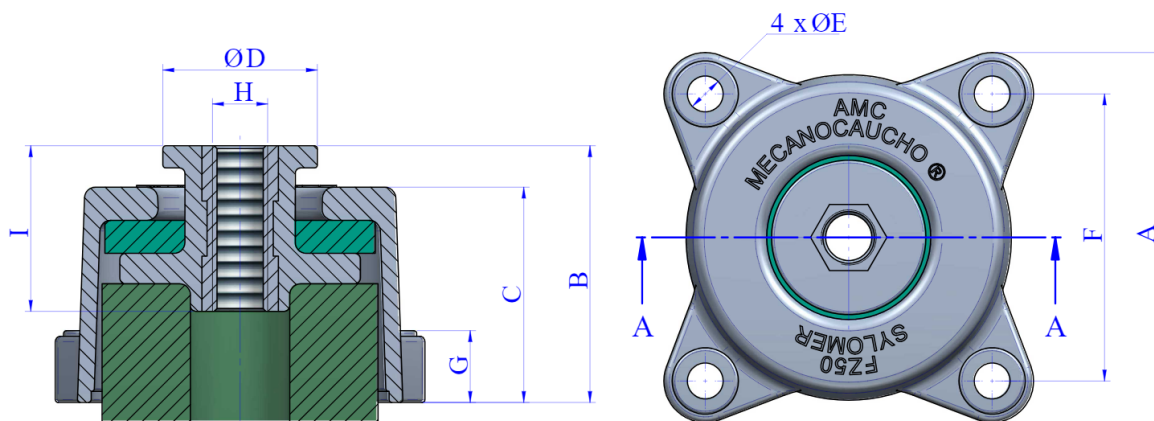
Type	Max. Load (kg)	A(mm)	B(mm)	C(mm)	D(mm)	E(mm)	F(mm)	G(mm)	H(mm)	I(mm)	K(mm)	Weight(gr)	Code
FZ-50-27-M10 + LEV KIT	15	67	46,5	39	28	6,5	52	13	10	26	60	311	176293
FZ-50-33-M10 + LEV KIT	25	67	46,5	39	28	6,5	52	13	10	26	60	311	176295
FZ-50-39-M10 + LEV KIT	45	67	46,5	39	28	6,5	52	13	10	26	60	311	176297
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

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

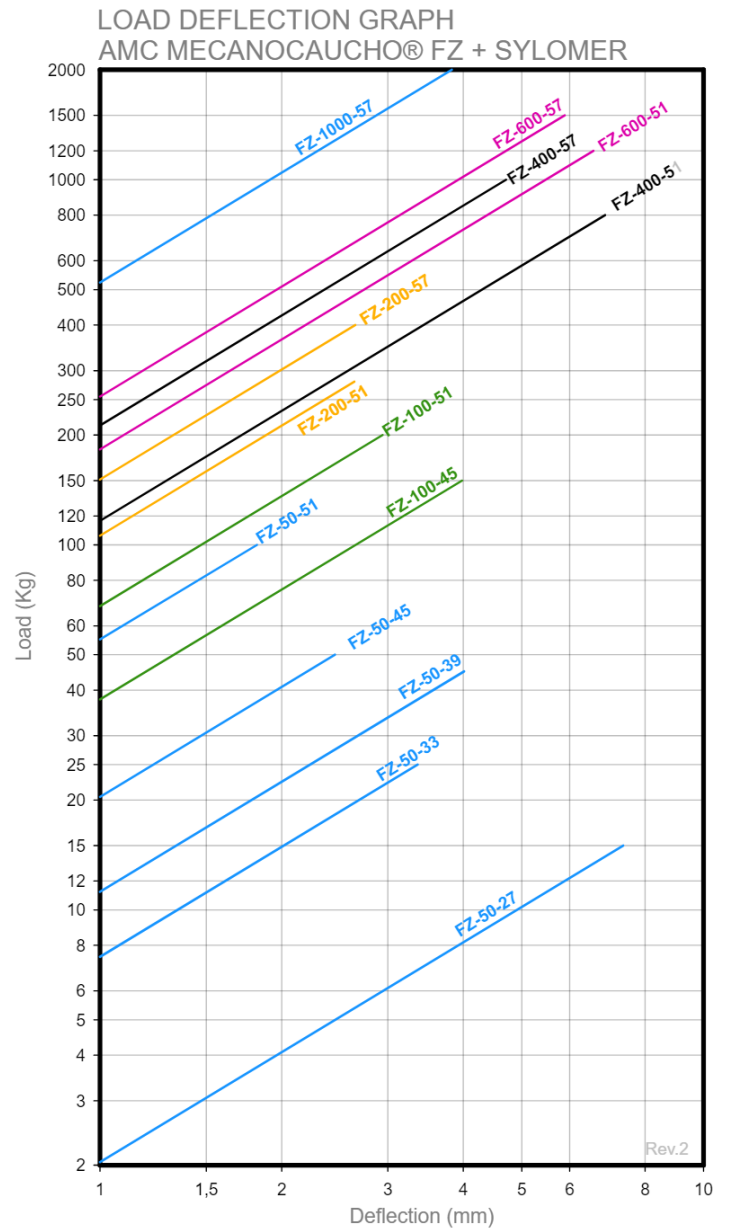
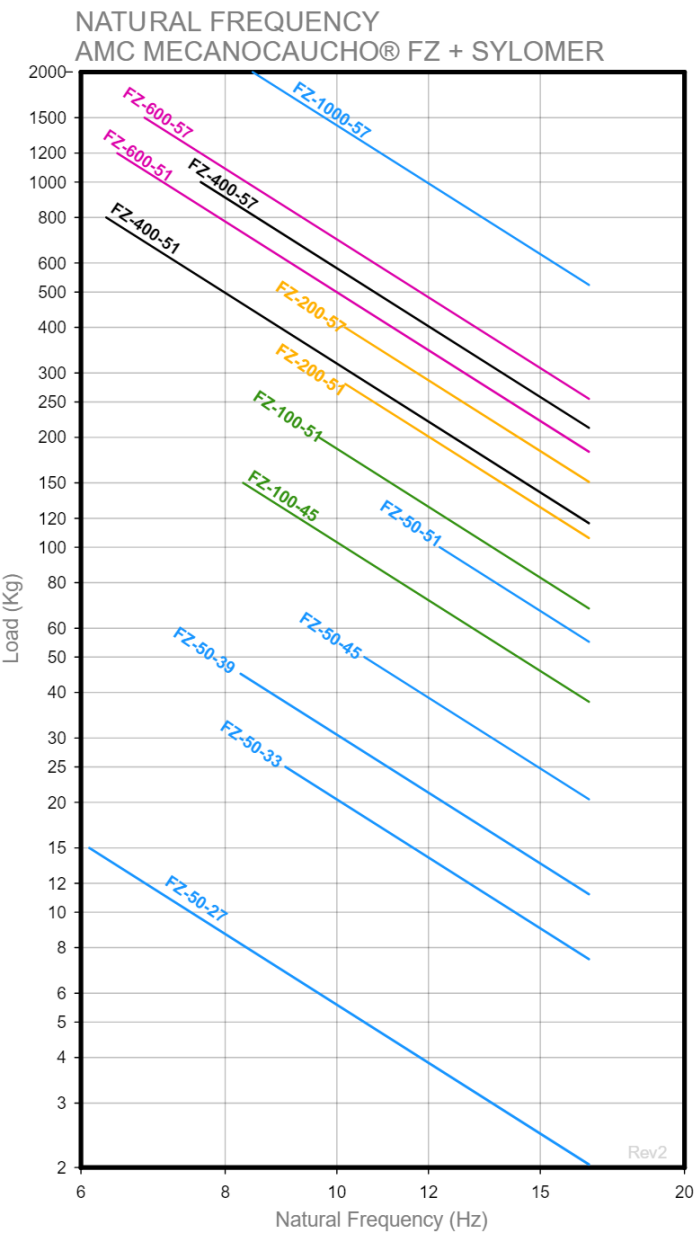
FZ-50-27-M10 / FZ-50-33-M10 / FZ-50-39-M10 / FZ-50-45-M10 / FZ-50-51-M10 / FZ-100-45-M12 / FZ-100-51-M12 / FZ-200-51-M12 / FZ-200-57-M12 / FZ-200-57-M14 / FZ-400-51-M14 / FZ-400-57-M16 / FZ-600-51-M18 / FZ-600-57-M20 / FZ-1000-57-M20



SECTION A-A

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

Elastic properties



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