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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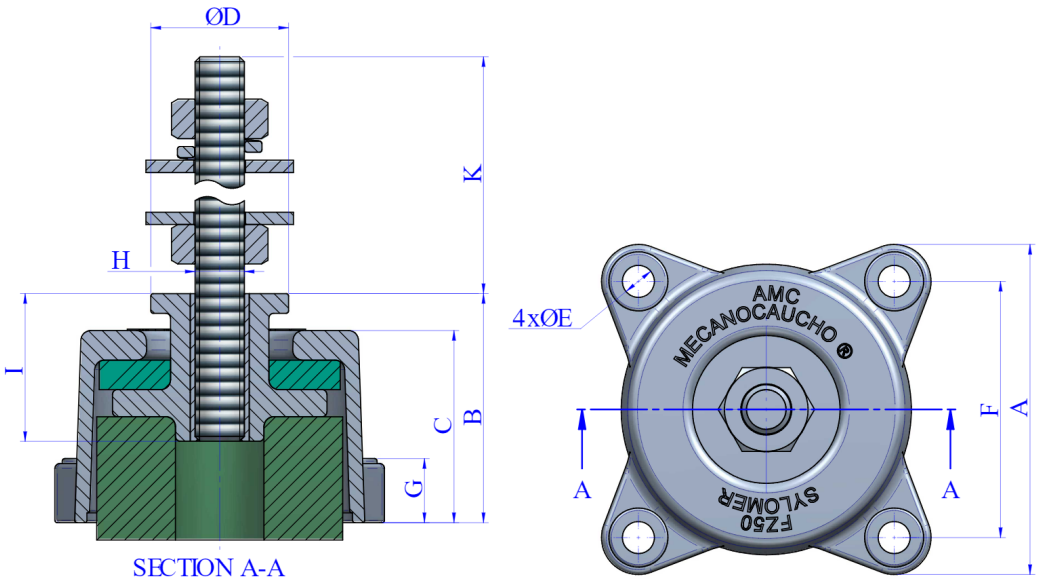
Drawings

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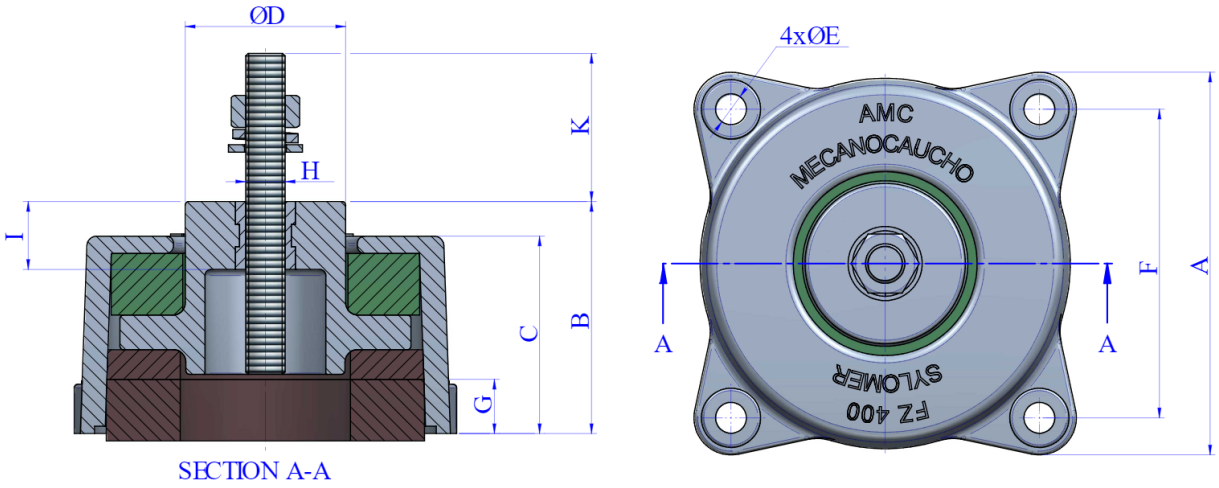
FZ-400-57-M16 + LEV KIT / FZ-600-51-M18 + LEV KIT / FZ-600-57-M20 + LEV KIT / FZ-1000-57-M20 + LEV KIT



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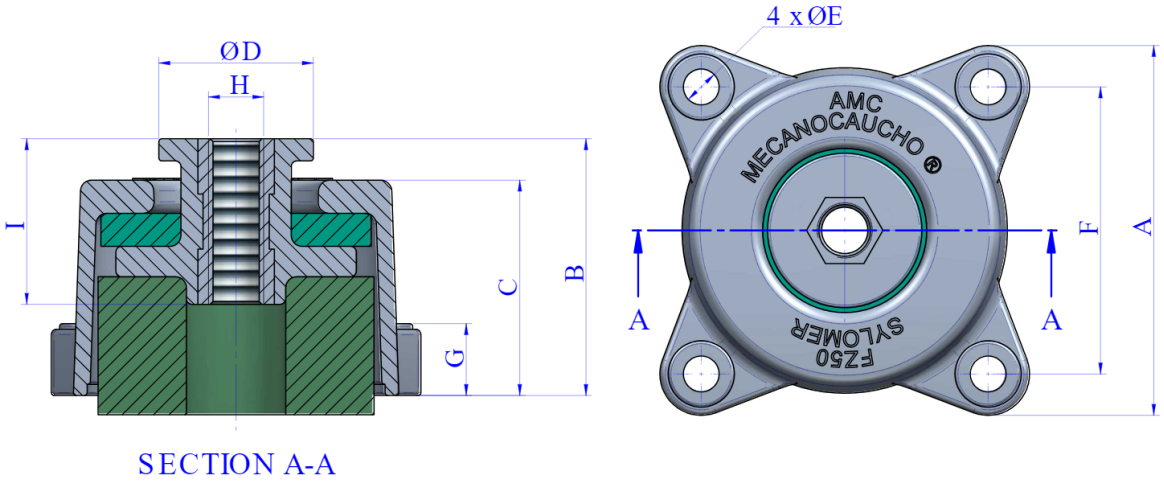
FZ-50-27-M10 / FZ-50-33-M10 / FZ-50-39-M10 / FZ-50-45-M10 / FZ-50-51-M10 / FZ-100-45-M12 / FZ-100-51-M12 / FZ-200-51-M12 / FZ-200-57-M12 / FZ-200-57-M14 / FZ-400-51-M14 / FZ-400-57-M16 / FZ-600-51-M18 / FZ-600-57-M20 / FZ-1000-57-M20



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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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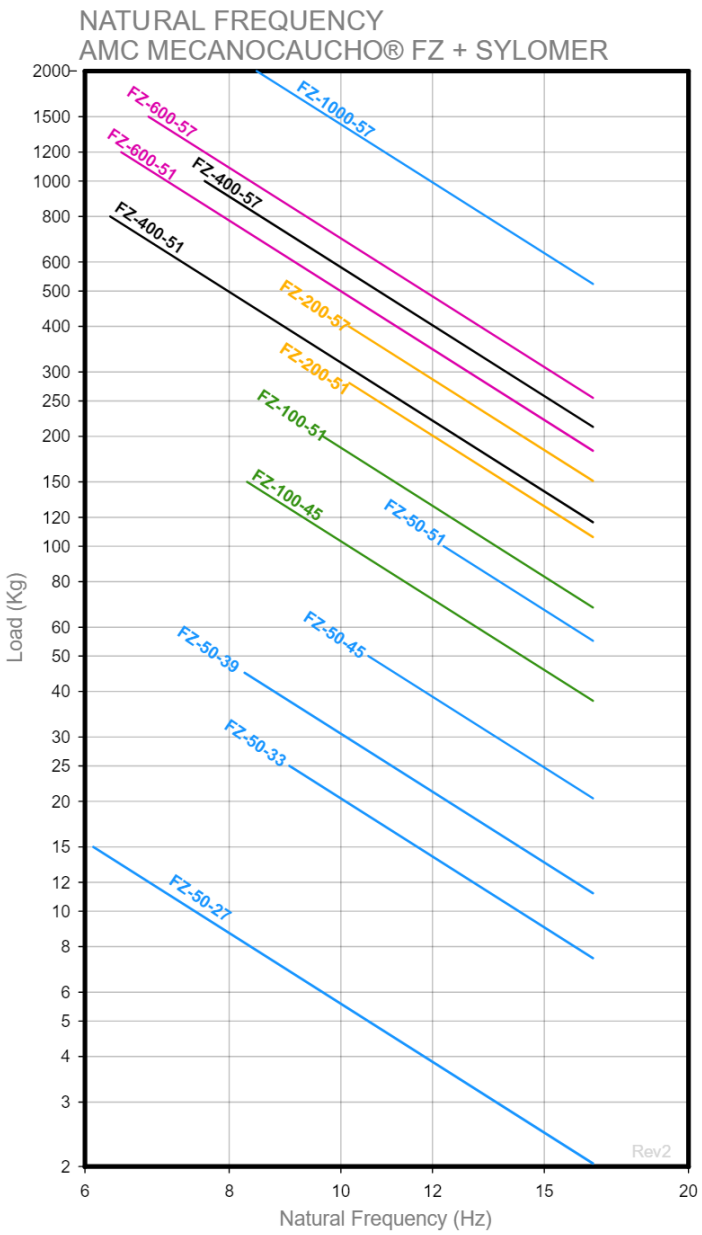
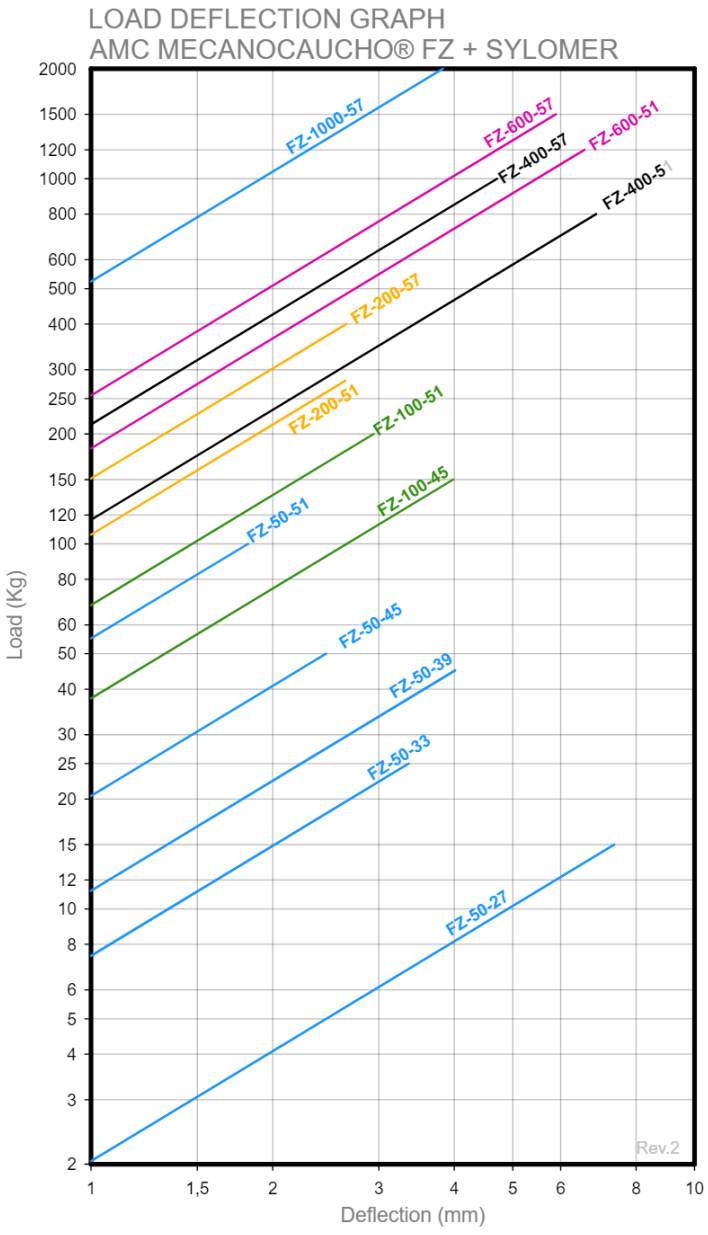
Elastic properties





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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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