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BSB ANTI VIBRATION MOUNTS



AMC Mecanocaucho® BSB engine anti vibration mounts are anti vibration elements which work the rubber in shear and compression with an optimal ratio of stiffness and horizontal stability. These engine mounts are really applicable when stability is a priority in an anti vibration suspension. In applications where the degree of isolation is the priority we thoroughly recommend the use of BRB captive mount.

TECHNICAL CHARACTERISTICS

- The top metal hood protects the rubber from the Ozone, UV rays, diesel or oils which may cause major damage to the rubber.
- The metal parts have a suitable anticorrosive treatment for outdoor applications. RoHs compliant.
- They have an interlocking metal component that provides a fail-safe protection for mobile applications. This device limits vertical movement when the mounting is submitted to shock inputs.
- The mounts are clearly identified, as the baseplates are engraved with the type and hardness, which makes it possible to easily recognise the part even after several years of use.
- The hood has a cross stamped on the top, which enhances its stiffness on mobile applications and also improves the evacuation of oils or liquids that splash onto it.

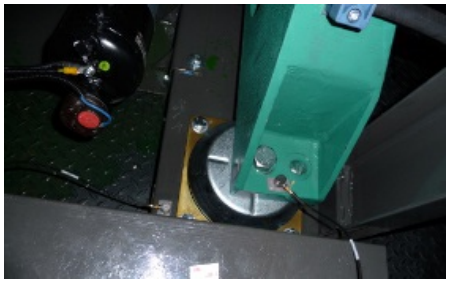
APPLICATIONS

This anti vibration mount is suitable for mobile rotating machines that require greater control of movement due to axial and radial shock inputs providing reasonable values of vibration and noise attentuation, such as:

- Pumps, Marine-Land auxiliary units, Industrial Vehicles, Compressors, Ventilators...

This mount is suitable for the isolation of mobile rotating machines which are exposed to axial and radial shocks, dripping oil or diesel or exposure to the weather.







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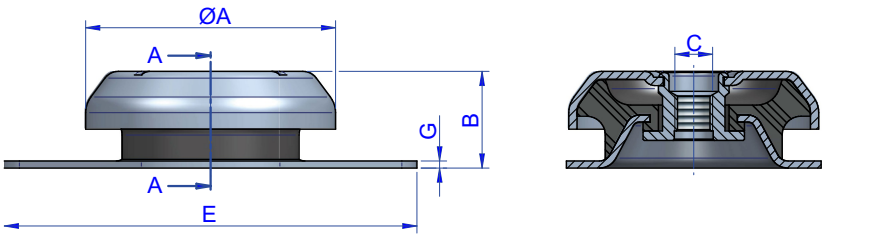
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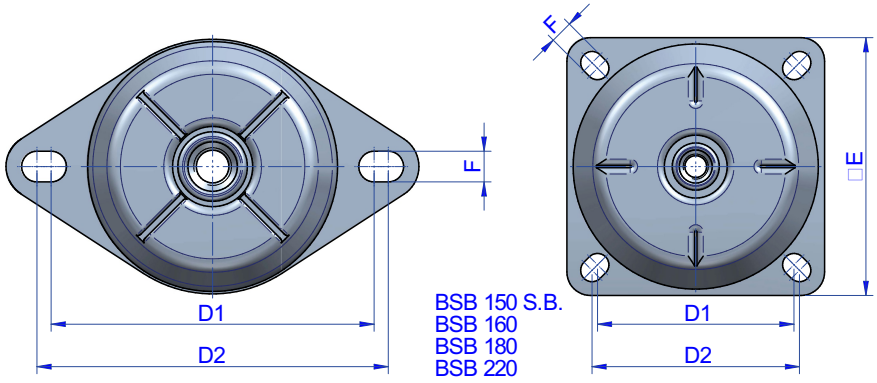
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BSB ANTI VIBRATION MOUNTS

DRAWINGS





BSB 60
BSB 80
BSB 95
BSB 110
BSB 125
BSB 150

BSB 150 S.B.
BSB 160
BSB 180
BSB 220

DIMENSIONS

Type	Tightening torque Max (Nm)	A (mm)	B (mm)	C (mm)	E (mm)	F (mm)	G (mm)	Weight (gr)	D1 Min. (mm)	D2 Max. (mm)	Max. Load (kg)	Shore	Code
BSB 60 M10	32	64	34	M-10	110	9	2,5	235	76,5	90,5	70	40 Sh	135106
											130	50 Sh	135109
											170	60 Sh	135107
											245	70 Sh	135108
BSB 60 M12	55	64	34	M-12	110	9	2,5	235	76,5	90,5	70	40 Sh	135406
											130	50 Sh	135407
											170	60 Sh	135408
											245	70 Sh	135409
BSB 80 M10	32	78	31	M-10	130	9,2	3	355	108,2	111,2	110	40 Sh	135261
											160	50 Sh	135262
											230	60 Sh	135263
											300	70 Sh	135264

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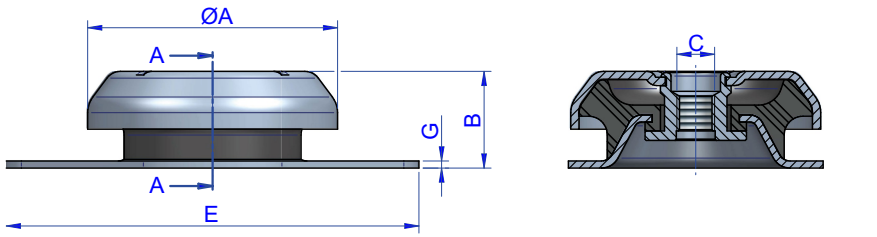
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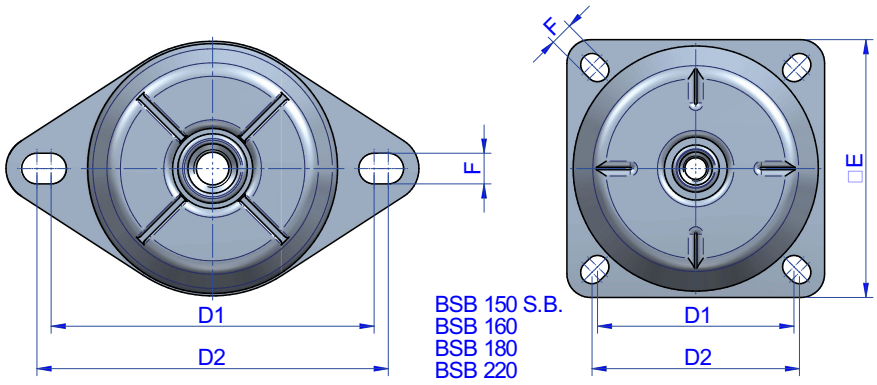
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BSB 80 M12	55	78	31	M-12	130	9,2	3	351	108,2	111,2	110	40 Sh	135265
											160	50 Sh	135266
											230	60 Sh	135267
											300	70 Sh	135268
BSB 95 M10	32	92	34	M-10	150	10	3	488	122	126,4	180	40 Sh	135311
											230	50 Sh	135312
											270	60 Sh	135313
											330	70 Sh	135314
BSB 95 M12	55	92	34	M-12	150	10	3	488	122	126,4	180	40 Sh	135315
											230	50 Sh	135316
											270	60 Sh	135317
											330	70 Sh	135318

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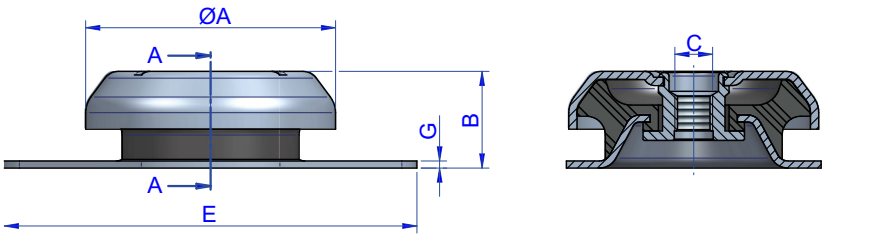
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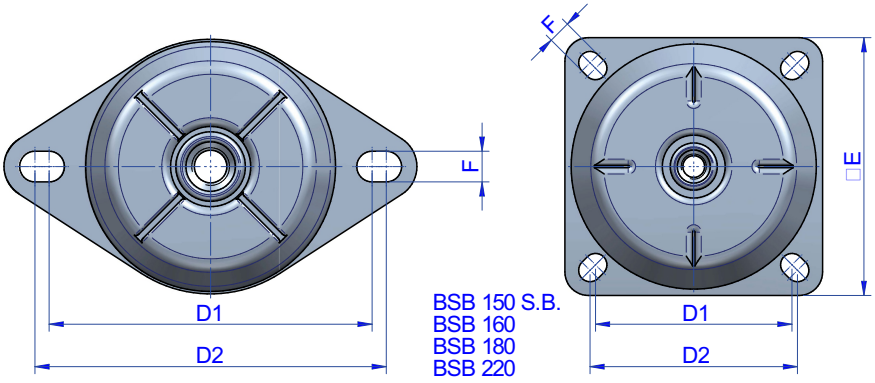
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BSB 110 M12	55	106	37	M-12	175	13	3	785	137	149	250	40 Sh	135335
											350	50 Sh	135336
											450	60 Sh	135337
											550	70 Sh	135338
BSB 110 M16	125	106	37	M-16	175	13	3	785	137	149	250	40 Sh	135150
											350	50 Sh	135151
											450	60 Sh	135152
											550	70 Sh	135153
BSB 125	125	123	43	M-16	190	14	4	1109	154	162	450	40 Sh	135351
											550	50 Sh	135352
											690	60 Sh	135353
											900	70 Sh	135354

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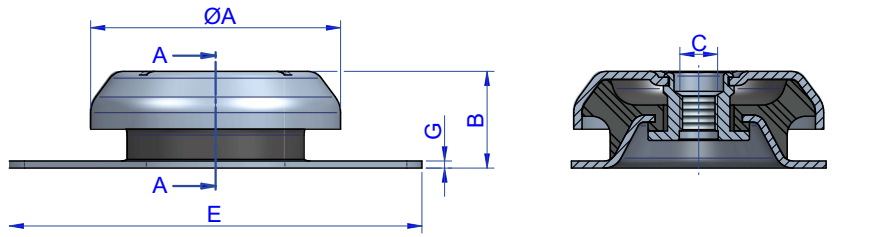
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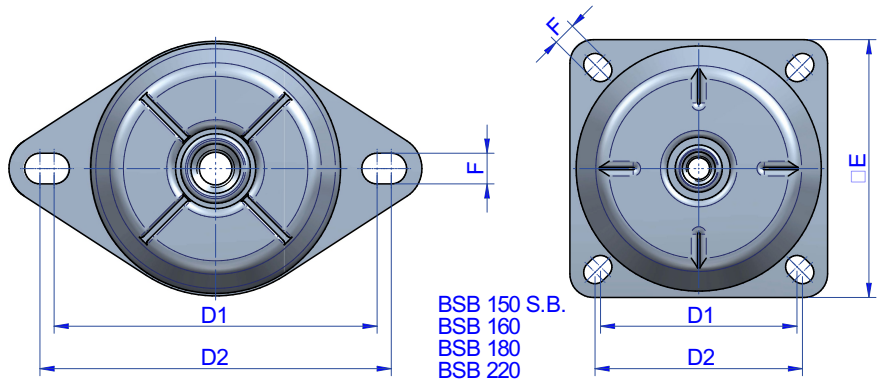
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BSB 150 S.B.	125	156	49	M-16	164	14,5	4	2060	125	132	750	40 Sh	135371
											950	50 Sh	135372
											1300	60 Sh	135373
											1650	70 Sh	135374
BSB 150	125	156	49	M-16	218	14,5	4	1818	176	188	750	40 Sh	135361
											950	50 Sh	135362
											1300	60 Sh	135363
											1650	70 Sh	135364
BSB 160	190	156	57	M-20	170	14,5	4	2200	140	140	900	40 Sh	135381
											1200	50 Sh	135382
											1600	60 Sh	135383
											2300	70 Sh	135384

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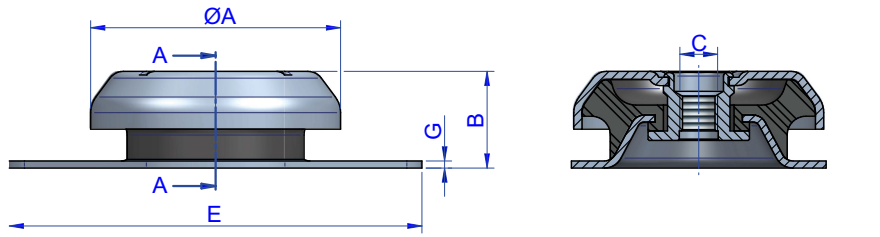
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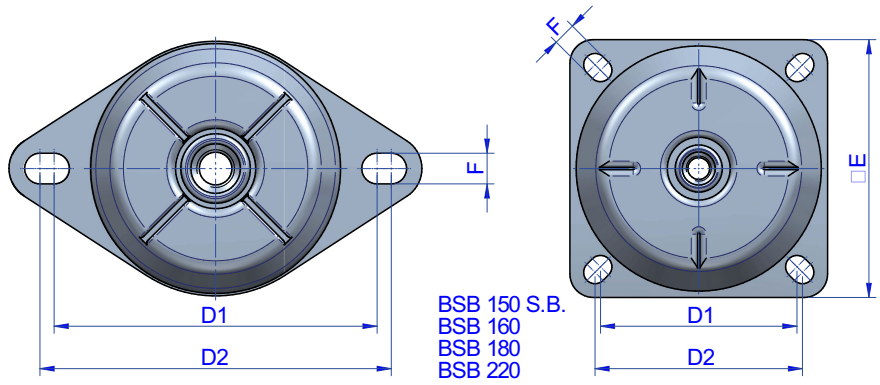
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BSB 180	190	180	67	M-20	192	14,5	4	2900	149	163	1300	40 Sh	135181
											1750	50 Sh	135184
											2100	60 Sh	135182
											2900	70 Sh	135183
BSB 220	285	230	105	M-24	220	19	6	6716	180	180	2500	40 Sh	135301
											3200	50 Sh	135302
											4000	60 Sh	135303
											5000	70 Sh	135304

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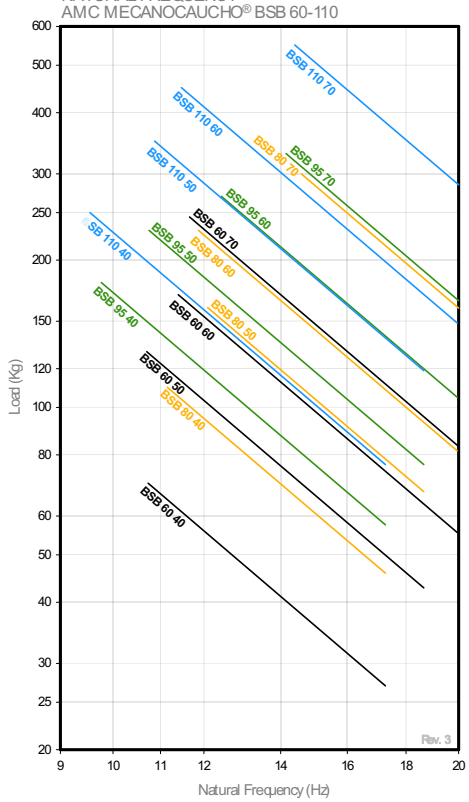
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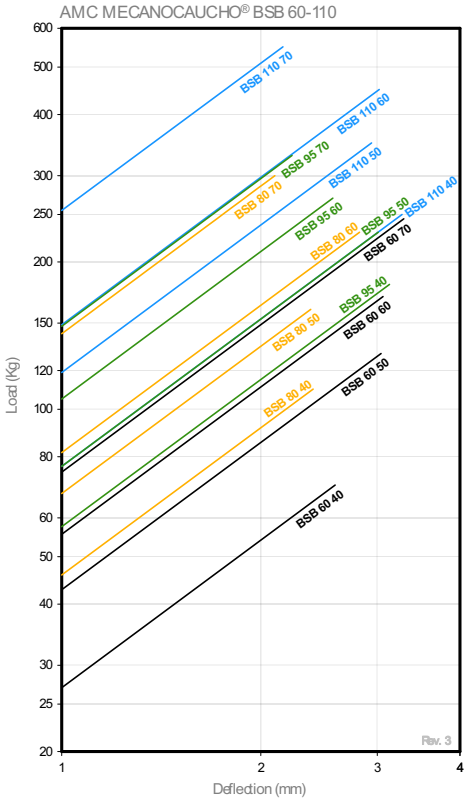
BSB ANTI VIBRATION MOUNTS

Elastic properties

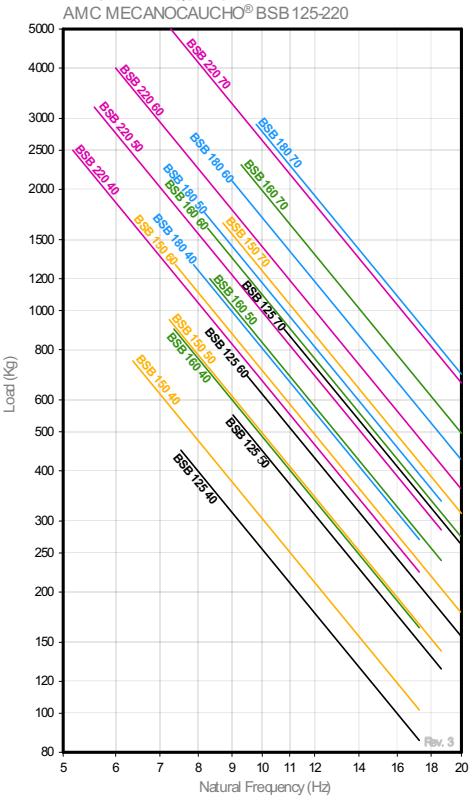
NATURAL FREQUENCY
AMC MECANOCAUCHO® BSB 60-110



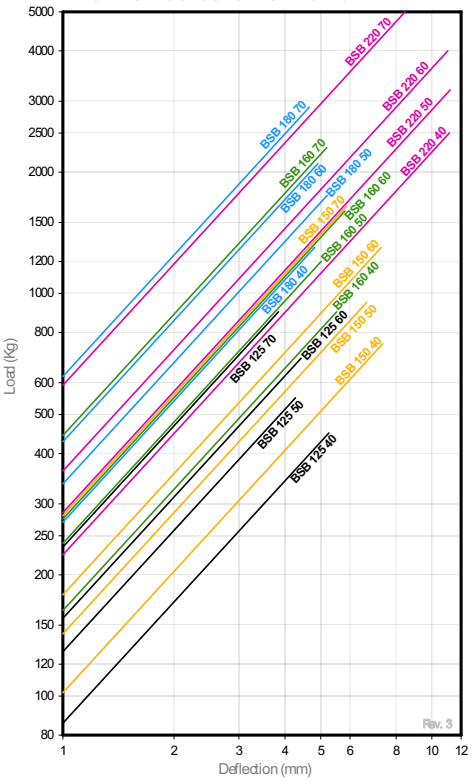
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NATURAL FREQUENCY
AMC MECANOCAUCHO® BSB 125-220



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BSB ANTI VIBRATION MOUNTS

OPERATION AND ASSEMBLY

RECOMMENDATIONS FOR HOOD MOUNTS

The hood mounts should be be installed between two parallel and perfectly flat surfaces. Mounts operating tilted or twisted do not work properly. This may be due to incorrect alignment, tolerances in the building of the chassis or over-tightened torque during the installation of the Antivibration mounts.

This applies to our marine-type, BSB, BRB or Mecanodamp mounts.



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