

AMC MECANOCAUCHO® BOBBINS TYPE C STAINLESS STEEL



The AMC Mecanocaucho® Bobbins are devices for making elastic anchorings or fixings. They can be used in a wide variety of applications, particularly for elastic suspensions and anti vibration isolation of machines and different mechanical organs. They are made of a block of rubber with two parallel metal parts at the end which enable it to be fixed either by screws in the "C" model or with nuts in the "A" model or a combination of both in the "B" model. The rubber block may be cylindrical in cases requiring greater load capacity or as a diabolo when greater elasticity is required in all directions.

TECHNICAL CHARACTERISTICS

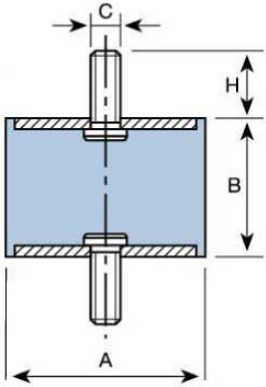
Depending on the size of the rubber block, the AMC Mecanocaucho® bobbing has more or less elasticity, which is greater particularly in all directions perpendicular to its axis (shear). The AMC Mecanocaucho® bobbing thus makes it possible to make joins which permit major relative movements, up to several millimetres (in the case of heat expansion, chassis deformations, etc.). The AMC Mecanocaucho® bobbing serves very well for the vibration isolation of machines where the vibrations are perpendicular to their axis, unless these stresses are too much when applied in this direction.

APPLICATIONS

The AMC Mecanocaucho® bobbins are particularly suitable for installation on small motor-pumps, motor-ventilators, driers, sieves, compactors, washing machines, electrical motors, on-board control panels, measuring apparatuses, control cabinets, microphones, fluorescent tubes, etc.



DRAWINGS



DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	H (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm	Code
BOBBINS TYPE A 12-25 STAINLESS STEEL	20	20	M-6	18	0,019	30	5	5	3,5	120301
	20	25	M-6	18	-	30	5,5	4,5	4,5	120302
	25	25	M-6	18	-	55	4,5	8	3,5	120303
	25	30	M-6	18	-	50	8	8	6	120304
	30	20	M-8	23	0,055	80	5	11	4	120305
	30	30	M-8	23	-	70	8	11	6	120306
	40	30	M-8	23	0,092	150	6	30	5,5	120307
	40	40	M-10	28	0,131	120	10	20	7,5	120308
	50	25	M-10	28	-	300	6	25	4,5	120309
	50	35	M-10	28	-	250	8	25	7	120310
	50	45	M-10	28	-	190	11	25	9	120311
	60	35	M-10	28	-	300	9	30	7	120312
	60	45	M-10	28	0,255	250	11	30	9	120313
	60	60	M-10	28	0,304	200	12	30	10	120314
	70	45	M-12	37	0,376	350	11	35	11	120315

OPERATION AND ASSEMBLY



Its elasticity is much greater in all the directions parallel to the armatures than in the perpendicular direction. The rubber works based on compression or shear depending on the direction it is placed at installation time. This direction is made according to the use and the objective. It is therefore installed with nuts or screws depending on the model chosen, with one part attached to the fixed chassis and the other to the machine to be suspended.

ADVANTAGES



- Easy to install.
- High elasticity (particularly transversal).
- Economical.