

AMC MECANOCAUCHO® BOBBINS

DESCRIPTION

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 antivibration 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.

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.

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 joints 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.

ADVANTAGES

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

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.



STANDARD STAINLESS STEEL AMC MECANOCAUCHO® BOBBINS

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Type	Code	A (mm.)	B (mm.)	C	H (mm.)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm.	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm.
BOBBINS TYPE A 12-25 STAINLESS STEEL	120301	20	20	M6	18	30	5	5	3,5
	120302	20	20	M6	18	30	5,5	4,5	4,5
	120303	25	25	M6	18	55	4,5	8	3,5
	120304	25	30	M6	18	50	8	8	6
	120305	30	20	M8	23	80	5	11	4
	120306	30	30	M8	23	70	8	11	6
	120307	40	30	M8	23	150	6	30	5,5
	120308	40	40	M10	28	120	10	20	7,5
	120309	50	25	M10	28	300	6	25	4,5
	120310	50	35	M10	28	250	8	25	7
	120311	50	45	M10	28	190	11	25	9
	120312	60	35	M10	28	300	9	30	7
	120313	60	45	M10	28	250	11	30	9
	120314	60	60	M10	28	200	12	30	10
	120315	70	45	M12	37	350	11	35	11

Type	Code	A (mm.)	B (mm.)	C	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm.	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm.
BOBBINS TYPE C INOX	120401	60	35	M10	300	9	30	7
	120402	60	60	M10	200	12	30	10
	120403	70	55	M12	325	11,5	35	12
	120404	80	75	M12	450	14	40	16
	120405	100	80	M16	1000	13	80	14