

Rubber Metal antivibration mounts

AMC MECANOCAUCHO® BOBBINS TYPE B



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.

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.

APPLICATIONS

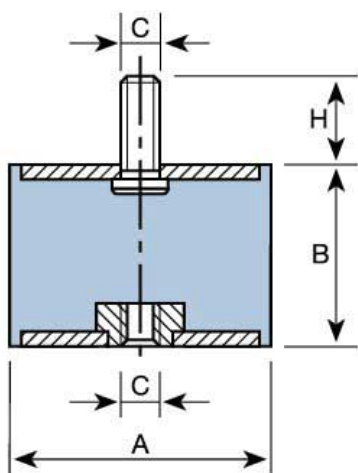
The AMC Mecanocaucho® bobbins are particularly suitable for installation on small motor-pumps, motor-ventilators, driers, sieves, compactors, washing machines, electrical motors, on-board control panels, measuring apparatuses, control cabinets, microphones, fluorescent tubes, etc.



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DRAWINGS



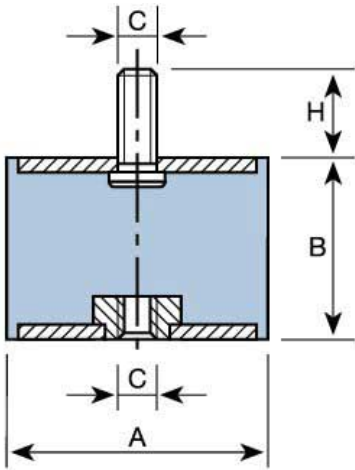
DIMENSIONS

Type	A (mm.)	B (mm.)	C (mm.)	H (mm.)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. Mm.	SHEAR LOAD Max. daN	SHEAR DEFLECT. Mm.	Code
BOBBINS TYPE B 12-25	12,5	10	M-5	10	12	2	1,5	1,5	121001
	12,5	15	M-5	10	10	3	1,5	2	121002
	12,5	20	M-5	10	8	3,5	1,5	4	121003
	16	10	M-5	12	20	1,5	2,5	1,5	121011
	16	15	M-5	12	20	3	2,5	2	121012
	16	20	M-5	12	15	4	2,5	4	121013
	16	25	M-5	12	15	5	2	5	121014
	20	15	M-6	16,5	35	4	5	2,5	121022
	20	20	M-6	16,5	30	5	5	3,5	121023
	20	25	M-6	16,5	30	5,5	4,5	4,5	121024
	20	30	M-6	16,5	25	7	4,5	4,5	121025
	25,5	15	M-6	18	60	3,5	8	2,5	121172
	25,5	20	M-6	18	55	4,5	8	3,5	121173
	25,5	25	M-6	18	50	6	8	4,5	121174
	25,5	30	M-6	18	50	8	8	6	121175
	25,5	15	M-8	20	60	3,5	8	2,5	121031
	25,5	19	M-8	20	55	4,5	8	3,5	121032
	25,5	22	M-8	20	50	5,5	8	4	121033
	25,5	25	M-8	20	50	6	8	4,5	121034
	25,5	30	M-8	20	50	8	8	6	121035
	25,5	40	M-8	20	50	10	10	6	121036

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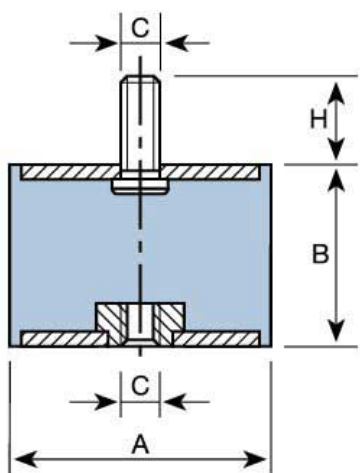
DIMENSIONS

Type	A (mm.)	B (mm.)	C (mm.)	H (mm.)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. Mm.	SHEAR LOAD Max. daN	SHEAR DEFLECT. Mm.	Code
BOBBINS TYPE B 30-40	30	15	M-8	20	90	3	11	2,5	121041
	30	22	M-8	20	80	5	11	4	121042
	30	25	M-8	20	75	6,5	11	5	121186
	30	30	M-8	20	70	8	11	6	121043
	30	40	M-8	20	60	9	11	7,5	121044
	40	20	M-8	20	160	5	20	3	121193
	40	25	M-8	20	150	6	20	3,5	121194
	40	28	M-8	20	150	6	20	5,5	121195
	40	30	M-8	20	150	6	30	5,5	121196
	40	35	M-8	20	120	8	20	6,5	121197
	40	40	M-8	20	120	10	20	7,5	121198
	40	45	M-8	20	120	11	20	9	121199
	40	20	M-10	25	160	5	20	3	121051
	40	25	M-10	25	150	6	20	3,5	121191
	40	28	M-10	25	150	6	20	5,5	121052
	40	30	M-10	25	150	6	30	5,5	121192
	40	35	M-10	25	120	8	20	6,5	121053
	40	40	M-10	25	120	10	20	7,5	121054
	40	45	M-10	25	120	11	20	9	121055

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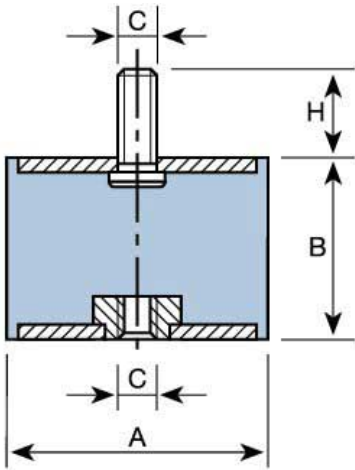
DIMENSIONS

Type	A (mm.)	B (mm.)	C (mm.)	H (mm.)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. Mm.	SHEAR LOAD Max. daN	SHEAR DEFLECT. Mm.	Code
BOBBINS TYPE B 50-75	50	20	M-10	25	300	5	25	3,5	121201
	50	25	M-10	25	300	6	25	4,5	121061
	50	30	M-10	25	275	7	25	6,5	121202
	50	35	M-10	25	250	8	25	7	121062
	50	40	M-10	25	210	10	25	8	121203
	50	45	M-10	25	190	11	25	9	121063
	50	50	M-10	25	170	11	25	10,5	121204
	50	60	M-10	25	150	11	25	12	121064
	60	25	M-10	25	400	6	30	4,5	121071
	60	36	M-10	25	300	9	30	7	121072
	60	45	M-10	25	250	11	30	9	121073
	60	60	M-10	25	200	12	30	10	121074
	70	35	M-10	25	450	8	35	6,5	121081
	70	50	M-10	25	350	11	35	11	121082
	70	60	M-10	25	300	12	35	13	121083
	70	70	M-10	25	300	14	35	15	121084
	75	25	M-12	30	650	7	37	5	121091
	75	40	M-12	30	500	9	37	7	121092
	75	45	M-12	30	500	10	37	9	121093
	75	55	M-12	30	450	11	37	11	121094

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BOBBINS TYPE B 80-150	80	30	M-14	35	950	7	40	5	121101
	80	40	M-14	35	600	9	40	7	121102
	80	50	M-14	35	550	10	40	8	121103
	80	55	M-14	35	550	11	40	9	121104
	80	70	M-14	35	500	13	40	15	121105
	80	75	M-14	35	450	14	40	16	121106
	95	40	M-16	45	1200	8	60	7	121111
	95	55	M-16	45	1000	11	60	8	121112
	95	60	M-16	45	800	12	60	10	121113
	95	75	M-16	45	700	13	60	14	121114
	105	50	M-16	45	1200	9	80	9	121121
	105	75	M-16	45	1000	13	80	14	121122
	105	100	M-16	45	800	16	80	16	121123
	120	50	M-16	45	1500	9	100	9	121131
	120	75	M-16	45	1200	13	100	14	121132
	120	100	M-16	45	1000	16	100	16	121133
	130	50	M-16	45	1600	9	120	9	121142
	130	75	M-16	45	1450	13	120	14	121143
	130	100	M-16	45	1200	16	120	16	121144
	150	50	M-20	50	1800	9	140	9	121151
	150	75	M-20	50	1650	13	140	14	121152
150	100	M-20	50	1400	16	140	16	121153	



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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.