

BOBBINS TYPE C



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 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.

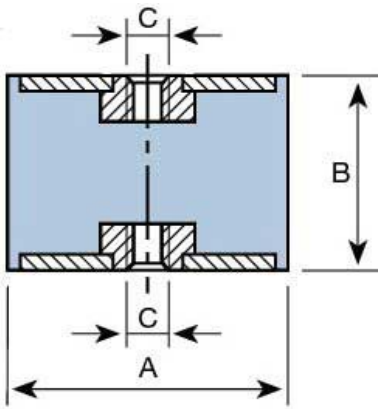
APPLICATIONS

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

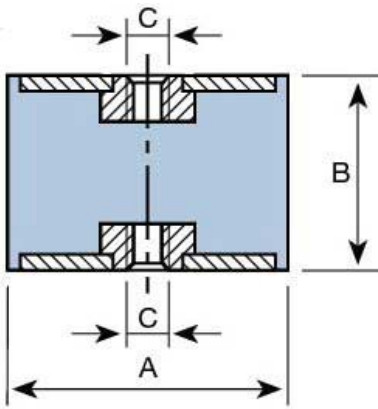


DIMENSIONS

Type	A (mm)	B (mm)	C (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm	Code
BOBBINS TYPE C 12-30	12,5	20	M-5	0,007	8	3,5	1,5	4	122003
	16	20	M-5	0,01	15	4	2,5	4	122013
	16	25	M-5	0,012	15	5	2	5	122014
	20	20	M-6	0,017	30	5	5	3,5	122023
	20	25	M-6	0,018	30	5,5	4,5	4,5	122024
	20	30	M-6	0,019	25	7	4,5	4,5	122025
	25,5	20	M-6	0,03	55	4,5	8	3,5	122173
	25,5	25	M-6	0,035	50	6	8	4,5	122174
	25,5	30	M-6	0,036	50	8	8	6	122175
	25,5	19	M-8	0,031	55	4,5	8	3,5	122032
	25,5	22	M-8	0,038	50	5,5	8	4	122033
	25,5	25	M-8	0,037	50	6	8	4,5	122034
	25,5	30	M-8	0,038	50	8	8	6	122035
	25,5	40	M-8	0,044	50	10	10	6	122036
	30	22	M-8	0,045	80	5	11	4	122042
	30	25	M-8	0,048	75	6,5	11	5	122186
30	30	M-8	0,052	70	8	11	6	122043	
30	40	M-8	0,061	60	9	11	7,5	122044	

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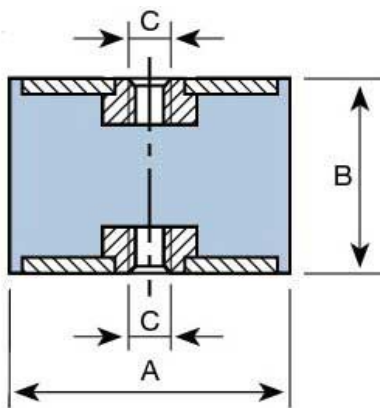


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Type	A (mm)	B (mm)	C (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm	Code
BOBBINS TYPE C 40-60	40	25	M-8	0,089	150	6	20	3,5	122194
	40	28	M-8	0,097	150	6	20	5,5	122195
	40	30	M-8	0,097	150	6	30	5,5	122196
	40	35	M-8	0,099	120	8	20	6,5	122197
	40	40	M-8	0,106	120	10	20	7,5	122198
	40	45	M-8	0,111	120	11	20	9	122199
	40	28	M-10	0,094	150	6	20	5,5	122052
	40	30	M-10	0,099	150	6	30	5,5	122192
	40	35	M-10	0,102	120	8	20	6,5	122053
	40	40	M-10	0,109	120	10	20	7,5	122054
	40	45	M-10	0,114	120	11	20	9	122055
	50	25	M-10	0,117	300	6	25	4,5	122061
	50	30	M-10	0,134	275	7	25	6,5	122202
	50	35	M-10	0,146	250	8	25	7	122062
	50	40	M-10	0,161	210	10	25	8	122203
	50	45	M-10	0,171	190	11	25	9	122063
	50	50	M-10	0,185	170	11	25	10,5	122204
	50	60	M-10	0,199	150	11	25	12	122064
	60	25	M-10	0,194	400	6	30	4,5	122071
	60	36	M-10	0,234	300	9	30	7	122072
60	45	M-10	0,255	250	11	30	9	122073	
60	60	M-10	0,304	200	12	30	10	122074	

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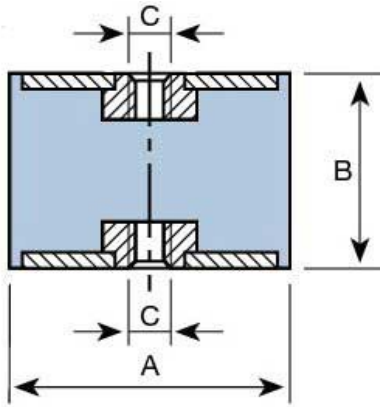


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Type	A (mm)	B (mm)	C (mm)	Weight (kg)	COMPRESSION LOAD Max. daN	COMPRESSION DEFLECT. mm	SHEAR LOAD Max. daN	SHEAR DEFLECT. mm	Code
BOBBINS TYPE C 70-95	70	35	M-10	0,307	450	8	35	6,5	122081
	70	50	M-10	0,376	350	11	35	11	122082
	70	60	M-10	0,41	300	12	35	13	122083
	70	70	M-10	0,469	300	14	35	15	122084
	75	40	M-12	0,351	500	9	37	7	122092
	75	45	M-12	0,395	500	10	37	9	122093
	75	55	M-12	0,436	450	11	37	11	122094
	80	30	M-14	0,391	950	7	40	5	122101
	80	40	M-14	0,449	600	9	40	7	122102
	80	50	M-14	0,492	550	10	40	8	122103
	80	55	M-14	0,516	550	11	40	9	122104
	80	70	M-14	0,602	500	13	40	15	122105
	80	75	M-14	0,63	450	14	40	16	122106
	95	40	M-16	0,714	1.200	8	60	7	122111
	95	55	M-16	0,851	1.000	11	60	8	122112
95	60	M-16	0,88	800	12	60	10	122113	
95	75	M-16	1,026	700	13	60	14	122114	

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BOBBINS TYPE C 105-150	105	50	M-16	0,714	1.200	9	80	9	122122
	105	75	M-16	1,158	1.000	13	80	14	122123
	105	100	M-16	1,405	800	16	80	16	122124
	120	50	M-16	1,108	1.500	9	100	9	122131
	120	75	M-16	1,366	1.200	13	100	14	122132
	120	100	M-16	1,702	1.000	16	100	16	122133
	130	50	M-16	2,125	1.600	9	120	9	122142
	130	75	M-16	1,962	1.450	13	120	14	122143
	130	100	M-16	2,356	1.200	16	120	16	122144
	150	50	M-20	2,024	1.800	9	140	9	122151
	150	75	M-20	3,676	1.650	13	140	14	122152
	150	100	M-20	2,996	1.400	16	140	16	122153

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.