

SCH ANTI VIBRATION MOUNTS



The AMC-Mecanocaucho® SCH type anti vibration mounts are made of two moulded parts . One of circular fully moulded rubber, and one circular part which is fully bonded to a centre tube which acts as a guide for the machine anchoring bolt. They are installed pre-compressed on the actual machine frame, whose thickness "E" determines the degree of pre-compression of the assembly.

TECHNICAL CHARACTERISTICS

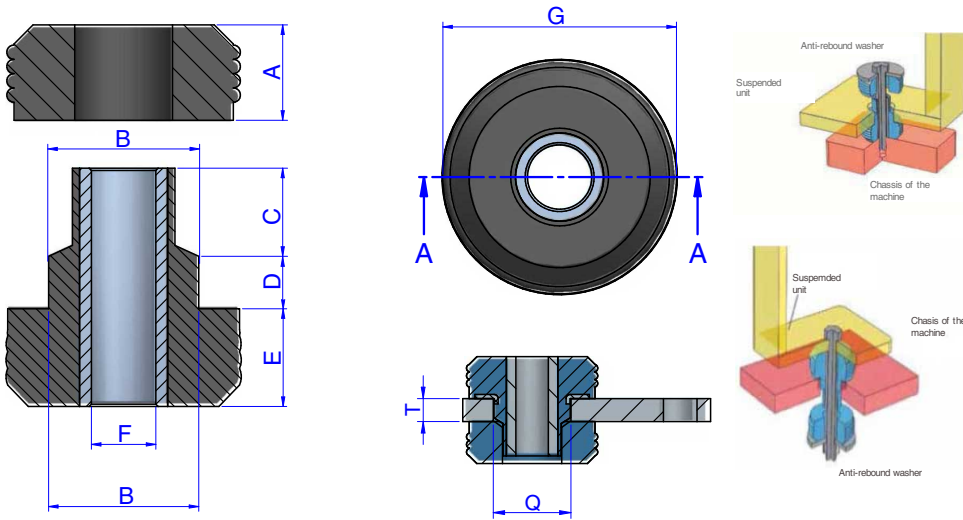
This antivibration mount is ideal for applications with major dynamic loadings such as : Off Road Construction vehicles for engines , gearboxes , Operator Cabins where movement control is necessary. It also offers optimal stability, as well as good attenuation of impacts and high frequency vibrations.

APPLICATIONS

- Vehicle cabins
- Public works and agricultural vehicles, etc.



DRAWINGS

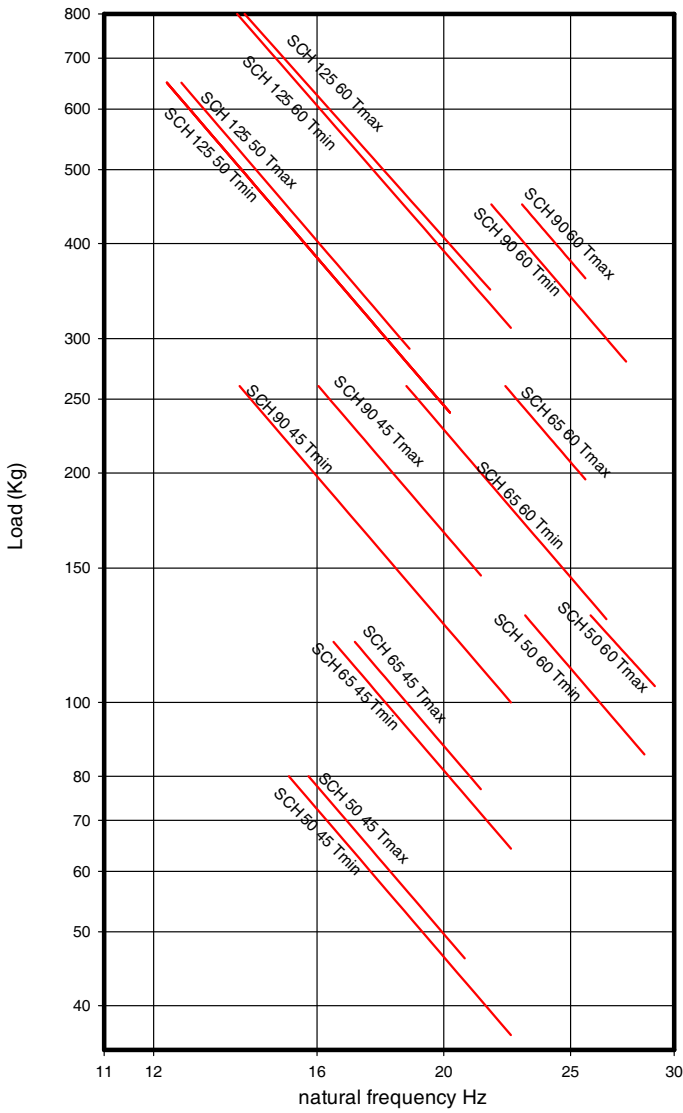


DIMENSIONS

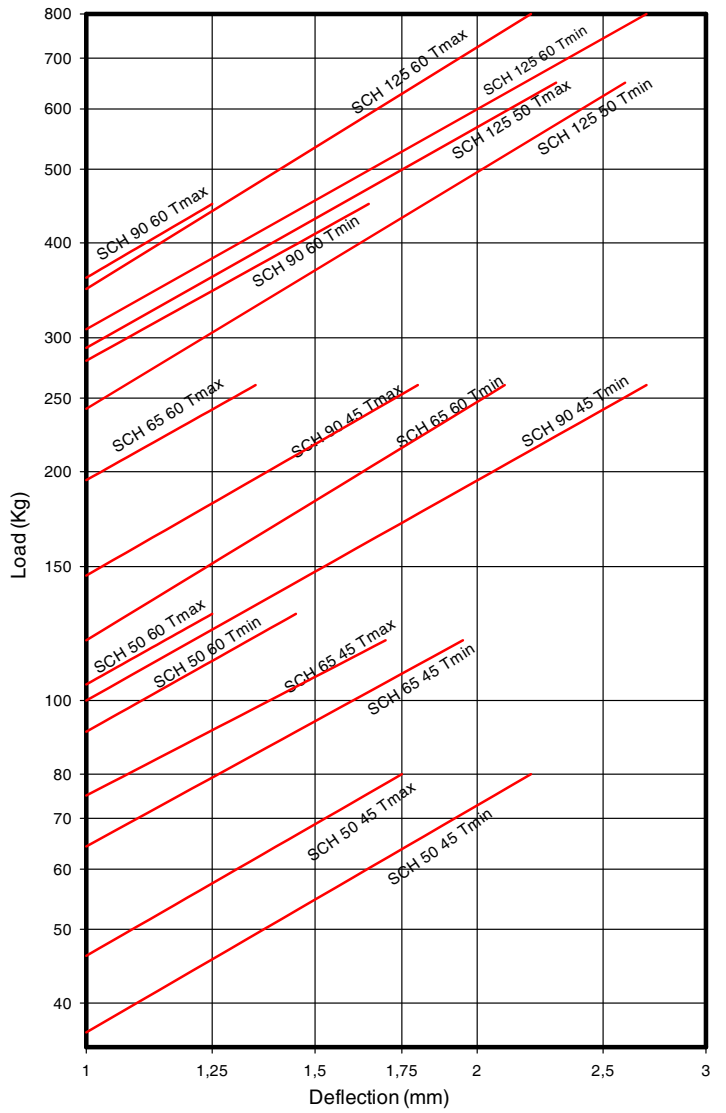
Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)	F (mm)	G (mm)	Q (mm)	T (Max.)	T (Min.)	Weight (gr.)	R (mm)	Shore	Max. Load (kg)	Code
SCH 50	20	31	19,5	10,5	20	13,5	49	30,5	14	12,5	153	1,5	45 Sh	80	138501
													60 Sh	130	138504
													75 Sh	210	138522
SCH 65	23	39,5	24	15	23	17	63,5	38,5	22	19	350	2,5	45 Sh	120	138502
													60 Sh	260	138505
SCH 90	25	58	31	17	25	23	88	57	29	25	675	3	45 Sh	260	138503
													60 Sh	450	138506
SCH 125	32	64,5	32,5	22	32	27	125,5	64	32	25	1440	3	50 Sh	650	138514
													60 Sh	800	138515

Elastical properties

NATURAL FREQUENCY
MECANOCAUCHO® Type SCH



LOAD DEFLECTION
MECANOCAUCHO® type SCH



OPERATION AND ASSEMBLY



The SCH mounts should be assembled according to the following installation instructions. There are two possible configurations, see previous assembly picture. They can be installed in plates of different thicknesses according to the T_{mx} and T_{min} values given in the Table provided . The load vs deformation curves will vary according to the plate thickness in which the mount will be installed.

Washers should be used, if the rubber surface is not covered with the contact surface.