

SCHR Vibration Isolator

Reinforced SCH vibration isolator with metal reinforcement around the mounting hole, providing increased durability under dynamic loads and protecting the elastomer against fatigue caused by friction with the frame.



The **AMC-MECANOCAUCHO® SCHR vibration isolators** consist of two rubber elements, one of which incorporates an **internal metal sleeve** to guide the mounting bolt.

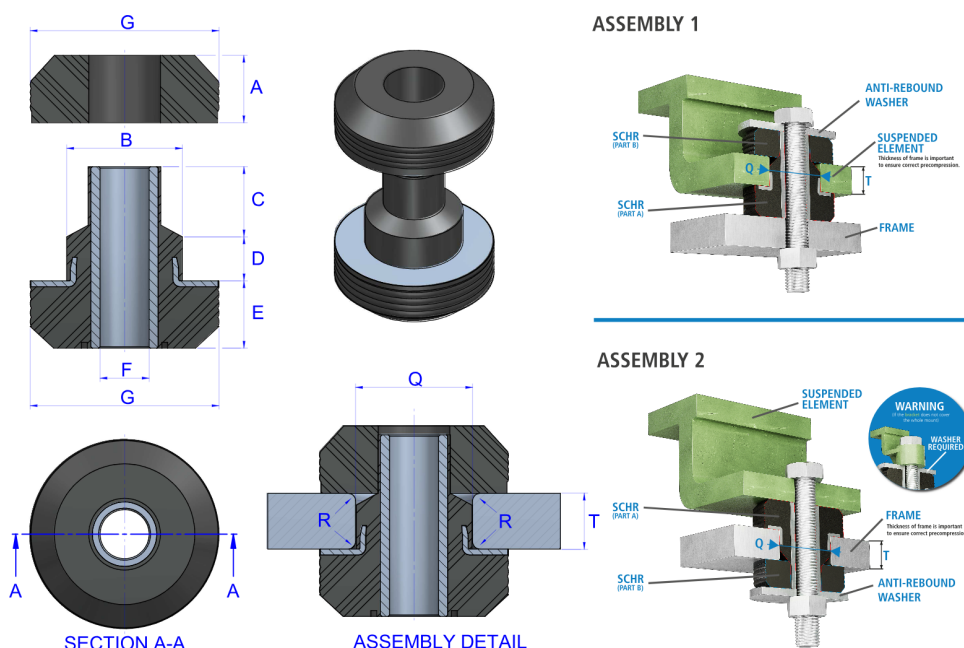
The isolator is installed directly into a **machined hole in the frame**. When tightened, the rubber elements are **pre-compressed**, with the frame thickness "T" determining the level of pre-compression and ensuring a stable and secure installation.

Compared with the standard SCH vibration isolator, the SCHR incorporates **metal reinforcement around the mounting hole**, protecting the elastomer against **fatigue caused by friction with the frame**. This design improves the **durability of the isolator**, particularly in applications subjected to vibration, shock and repeated dynamic loads.

To ensure correct operation, **the frame thickness T and mounting hole diameter must comply with the values specified in the technical table.**

Drawings

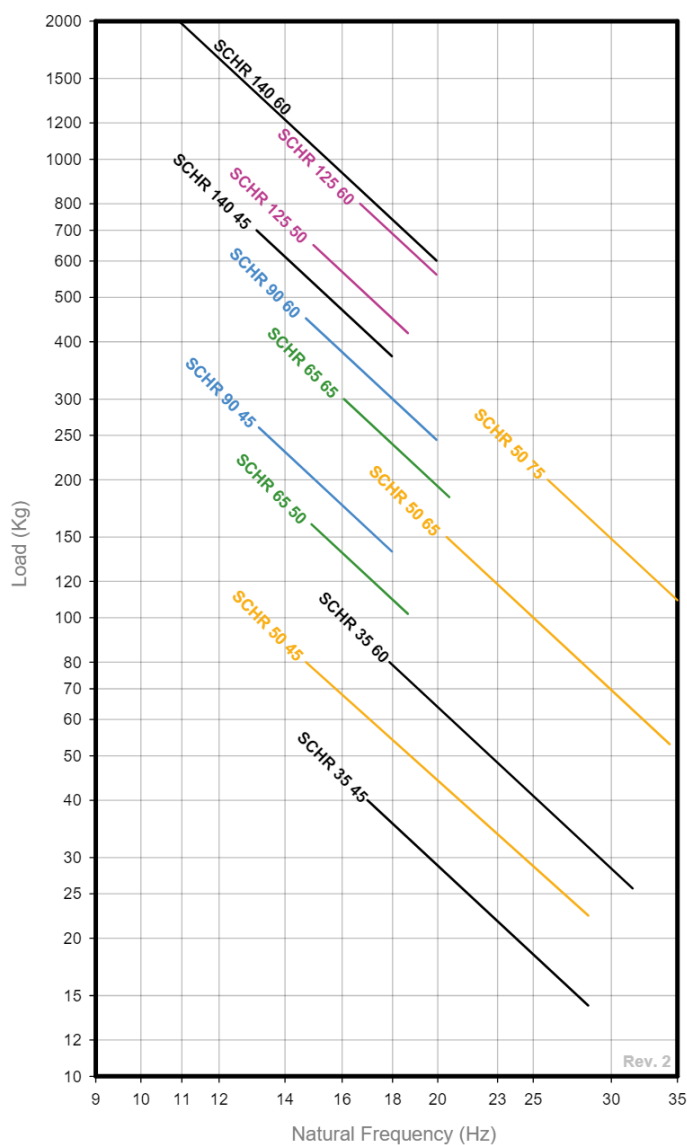
SCHR 35 / SCHR 50 / SCHR 65 / SCHR 90 / SCHR 125 / SCHR 140



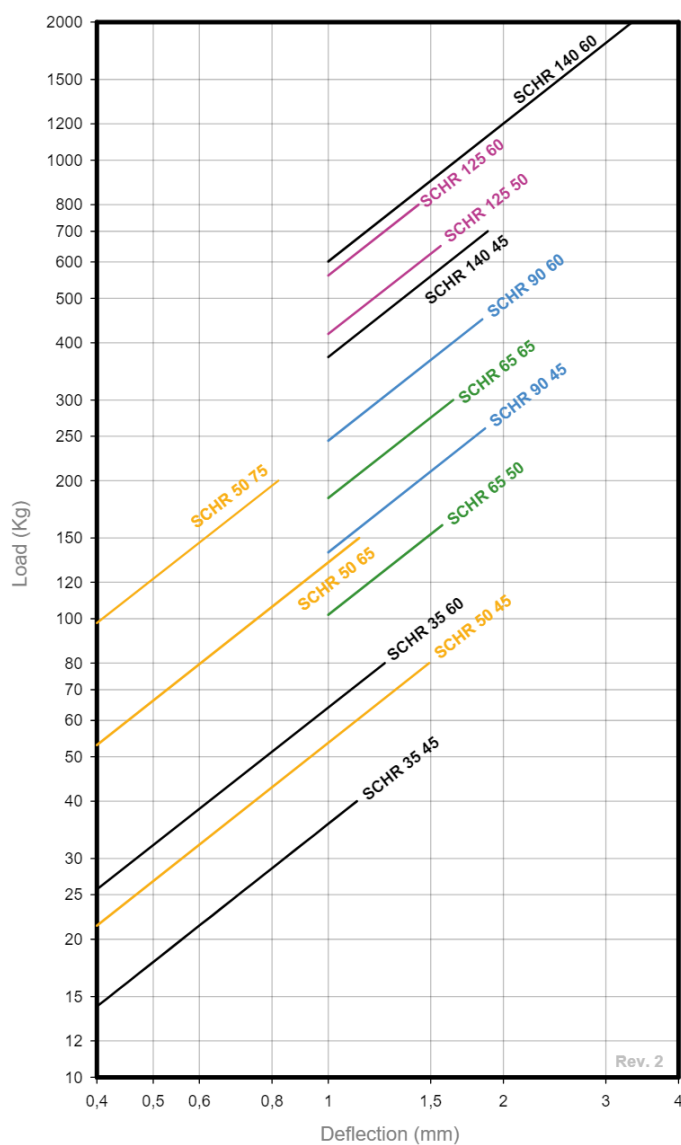
Type	Tightening torque Max. (Nm)	A(in)	B(in)	C(in)	D(in)	E(in)	F(in)	G(in)	T Max. (in)	Q(in)	T Min. (in)	Weight(lbs)	R(in)	Code	Max. Load (lbs)	Shore
SCHR 35	0.81	0.43	0.79	0.43	0.16	0.43	0.32	1.32	0.24	0.8	0.24	0.09	0.04	138621	88	45 Sh
														138623	176	60 Sh
SCHR 50	2.8	0.79	1.25	0.77	0.41	0.79	0.53	1.93	0.55	1.25	0.49	0.34	0.06	138535	176	45 Sh
														138534	331	65 Sh
														138559	441	75 Sh
SCHR 65	6.69	0.91	1.56	0.94	0.59	0.91	0.66	2.54	0.87	1.57	0.75	1	0.1	138551	353	50 Sh
														138552	661	65 Sh
														138658	992	75 Sh
SCHR 90	11.42	0.98	2.22	1.22	0.67	0.98	0.91	3.46	1.14	2.24	0.98	1	0.12	138547	573	45 Sh
														138548	992	60 Sh
SCHR 125	34.65	1.26	2.57	1.26	0.87	1.26	1.06	4.94	1.26	2.59	0.98	3	0.12	138216	1433	50 Sh
														138217	1763	60 Sh
SCHR 140	46.85	1.38	2.76	1.22	0.51	1.38	1.22	5.51	0.79	2.8	0.79	4	0.12	138508	1543	45 Sh
														138510	4408	60 Sh

Elastic properties

NATURAL FREQUENCY
AMC MECANOCAUCHO® SCHR



LOAD DEFLECTION GRAPH
AMC MECANOCAUCHO® SCHR



Technical characteristics

This antivibration mount is ideal for applications of major dynamic loads where movement control is necessary, such as in the cabins of all types of mobile vehicles. It also offers optimal stability, as well as good attenuation of impacts and vibrations.