

SCBR Vibration Isolator

Compact vibration isolator with expandable elastomer lip and metal reinforcement, designed for direct and durable installation in the frame and improved protection against elastomer fatigue.



The **AMC-MECANOCAUCHO® SCBR vibration isolators** are compact elastic elements designed to be **installed directly into a hole in the frame**, providing a simple, reliable, and cost-effective vibration isolation connection.

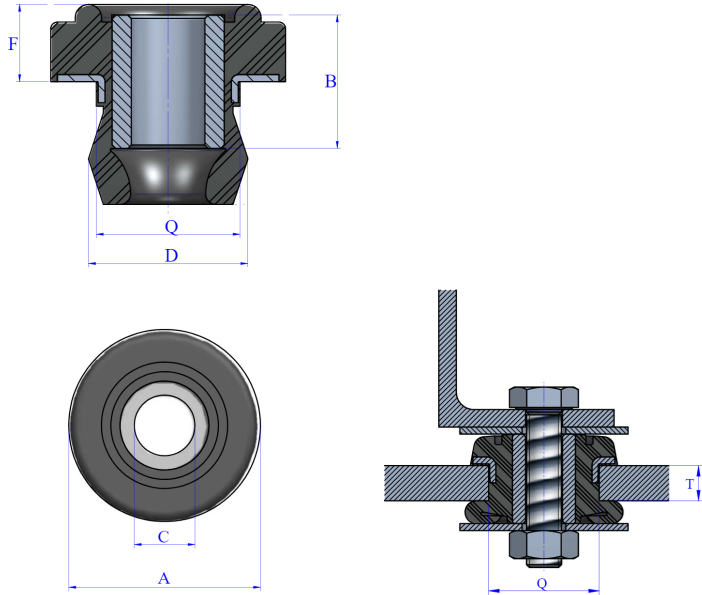
During tightening, the **lower rubber lip deforms and expands**, securing the isolator within the frame and creating a **multidirectional elastic connection** capable of absorbing vibration and shock.

The SCBR version incorporates **metal reinforcement around the neck**, protecting the elastomer against friction with the mounting hole. This design reduces the risk of **premature elastomer fatigue** and improves the **durability of the isolator** in applications subjected to vibration, shock, and repeated dynamic loads.

Its compact design and quick installation make the SCBR particularly suitable for **mobile machinery, industrial vehicles, cabs, enclosures, and auxiliary equipment**.

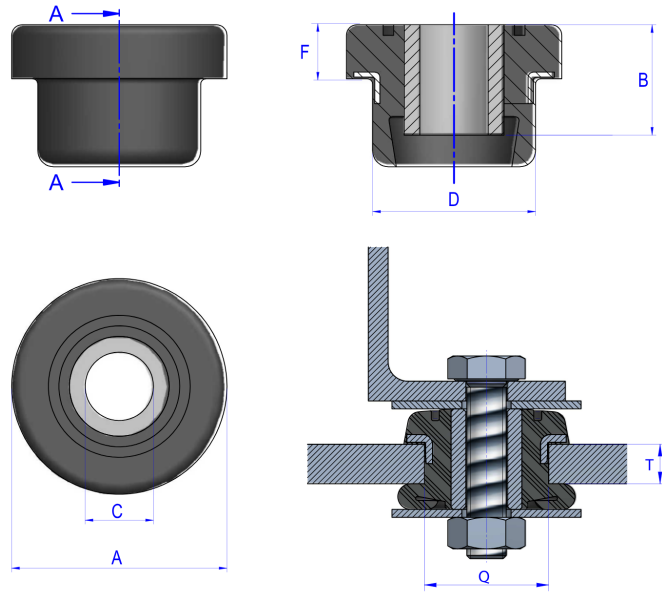
Drawings

SCBR 38



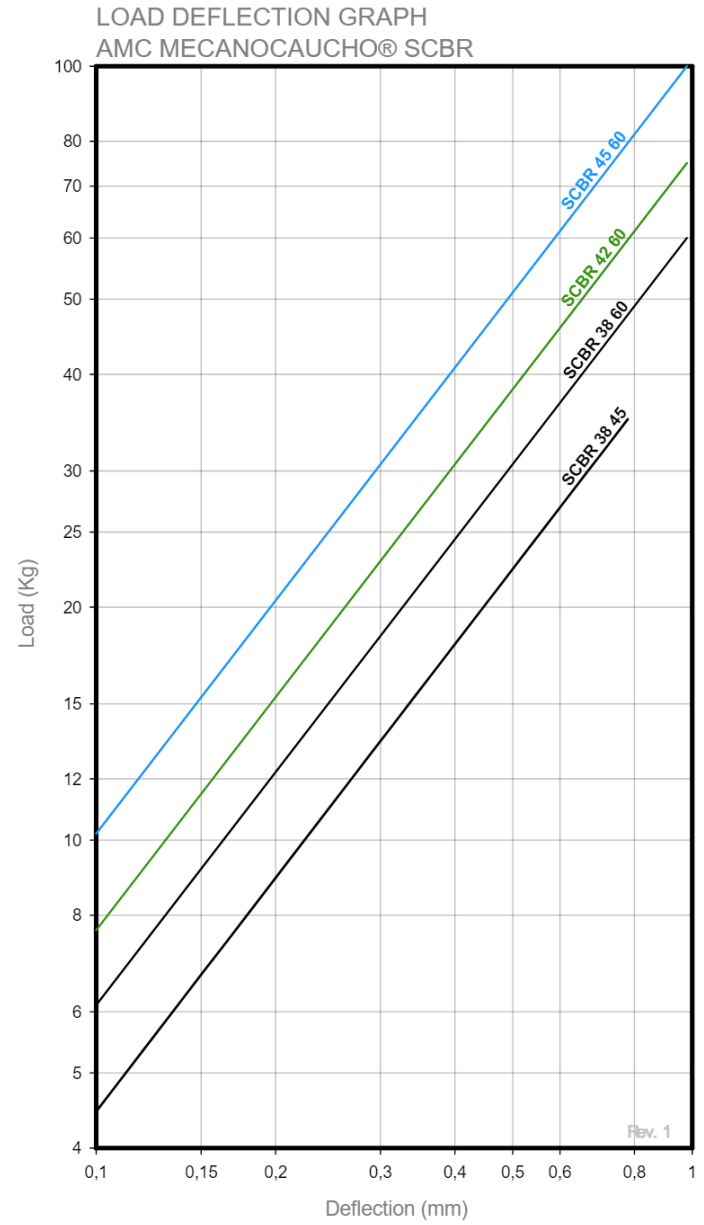
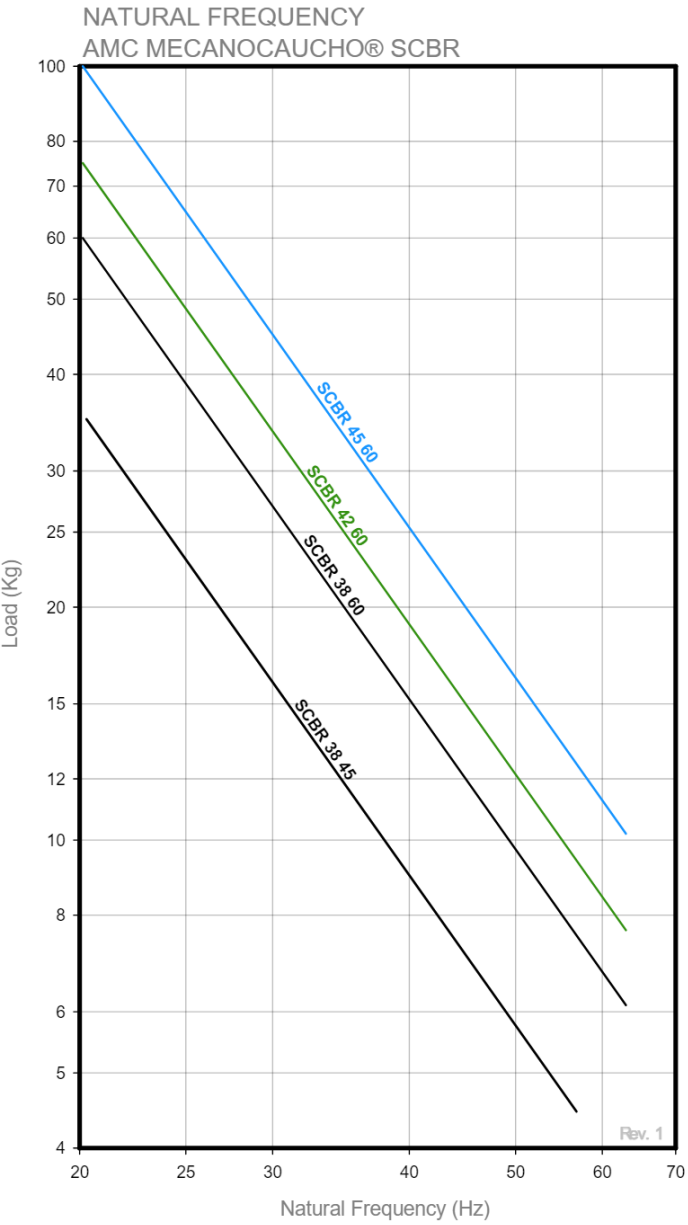
Type	Tightening torque Max. (Nm)	A(in)	B(in)	C(in)	D(in)	F(in)	T Max.(in)	Q(in)	T Min.(in)	Weight(lbs)	Washer	Code	Max. Load (lbs)	Shore
SCBR 38	1.61	1.34	0.75	0.42	0.82	0.43	0.2	0.81	0.12	0.07	611065	138045	77	45 Sh
												138047	132	60 Sh

SCBR 42 / SCBR 45



Type	Tightening torque Max. (Nm)	A(in)	B(in)	C(in)	D(in)	F(in)	T Max.(in)	Q(in)	T Min.(in)	Weight(lbs)	Washer	Code	Max. Load (lbs)	Shore
SCBR 42	2.8	1.65	0.85	0.51	1.24	0.37	0.24	1.24	0.24	0.09	611080	138051	165	60 Sh
SCBR 45	1.61	1.65	1	0.41	1.24	0.39	0.43	1.24	0.39	0.12	611080	138027	220	60 Sh

Elastic properties



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