# 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**.

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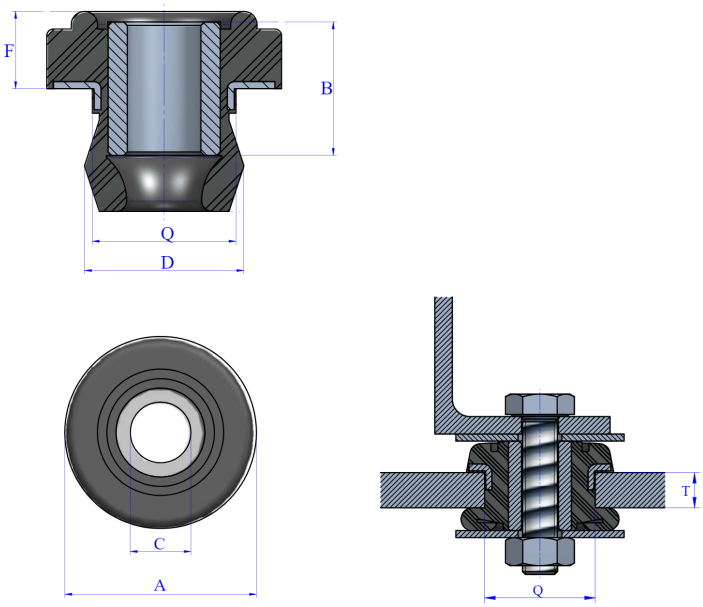
*Document generated on 11/11/2026.*

# 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 |

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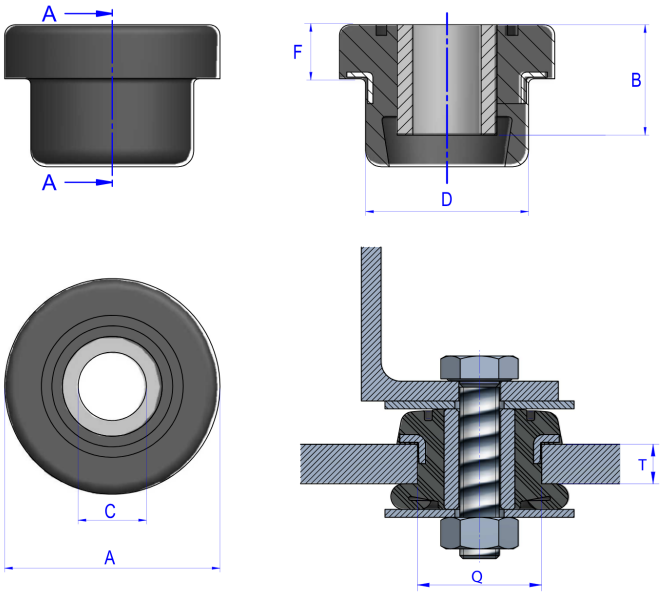
## SCBR 42 / SCBR 45




| 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 |

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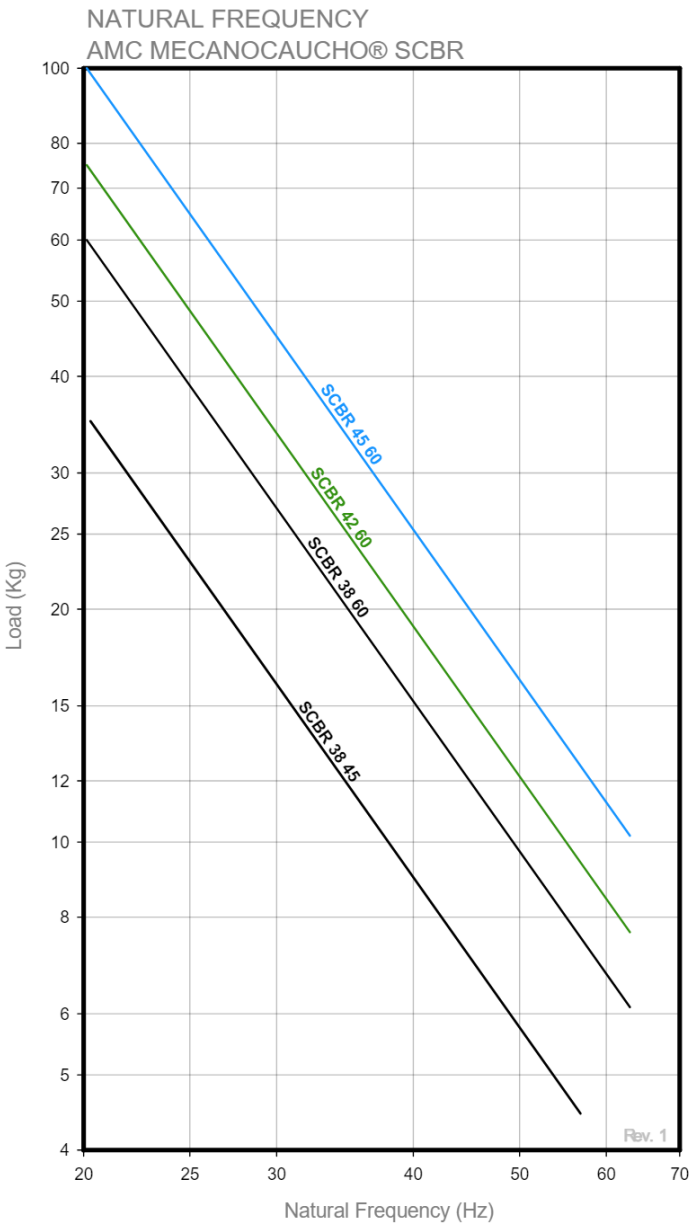
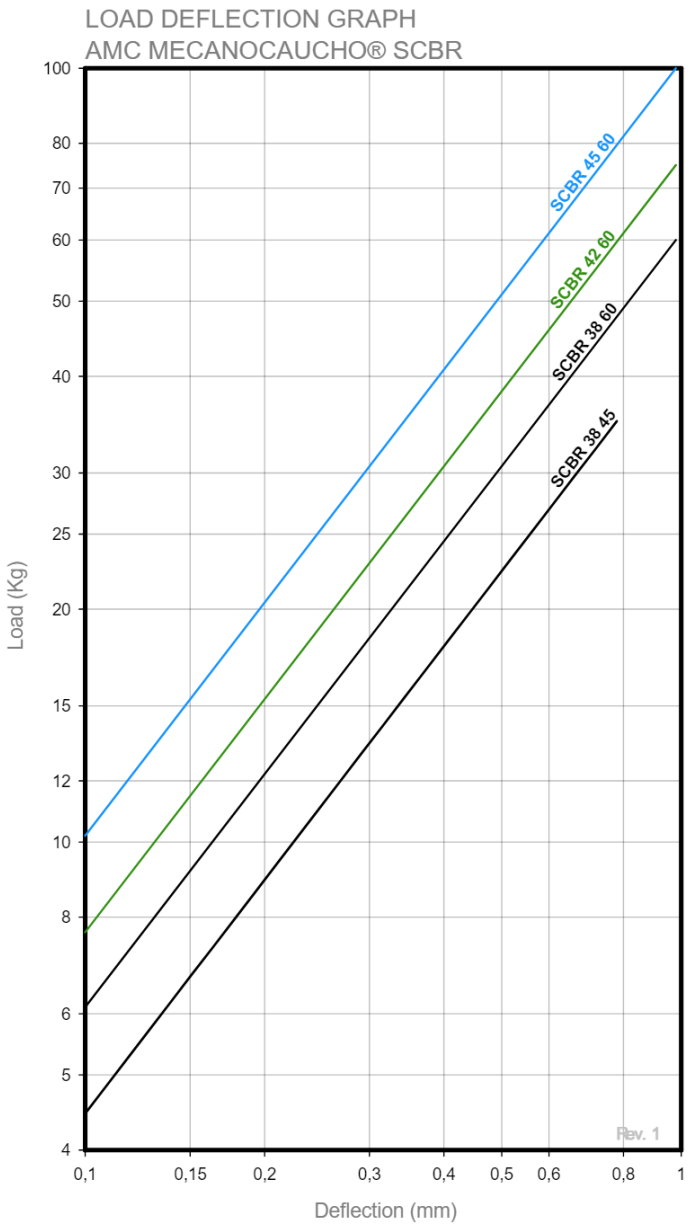
# Elastic properties

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## Advantages

### Easy installation

This mount requires no major modifications to the structure for installation.

### Mount offering high stability

Suspensions built with this mount barely move, thanks to a geometry designed to control the movement of the suspended element.

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