SILENTFLEX
vibration control

ISO 9001
BUREAU VERITAS
Certification

# Cone Silentflex 935009




**6 - 12 Hz**
Natural frequency

**100 - 300 kg**
Static load

**- 50°C + 200°C**
Operating temperature

## Components

- **Upper and lower base** - steel
- **Shock absorber (elastic element)** - silicone

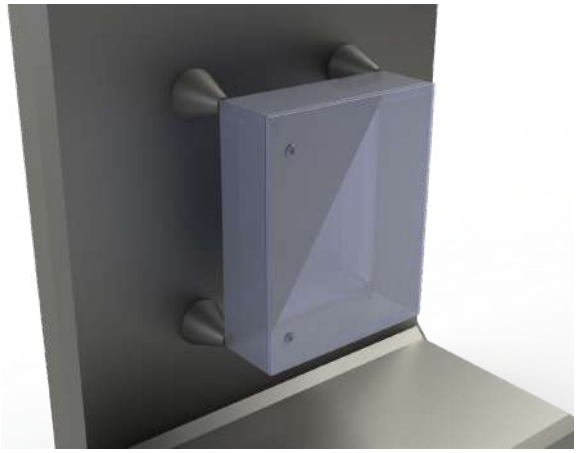





## Description

The conical damper fulfils the dual function of **vibration and shock isolation** with a high axial and radial deformation capacity.

**The lower mounting** can be adapted with a customised plate.



## Application

Shock insulation of **on-board equipment, land and marine vehicles** as well as machines sensitive to harsh movements.

- Transport of goods
- Onboard UPS
- Chemical industry
- Onboard electrical panels
- Onboard osmosis machines
- Engines/motors

# Specifications

It withstands a **wide range of static loads** and in the dynamic working range it has a **high deformation capacity** to absorb significant accelerations, thus protecting the equipment.

The material, **silicone**, increases the **working temperature** range and allows it to withstand certain **aggressive substances** to a greater extent than natural rubber.

**Standard metric is M16**, but can be made up to M24 on request.

The **base can** also **be adapted** to a specific mounting by means of a plate.

**Static load:**
Axial: 100 - 300 kg
Radial: 40 - 80 kg

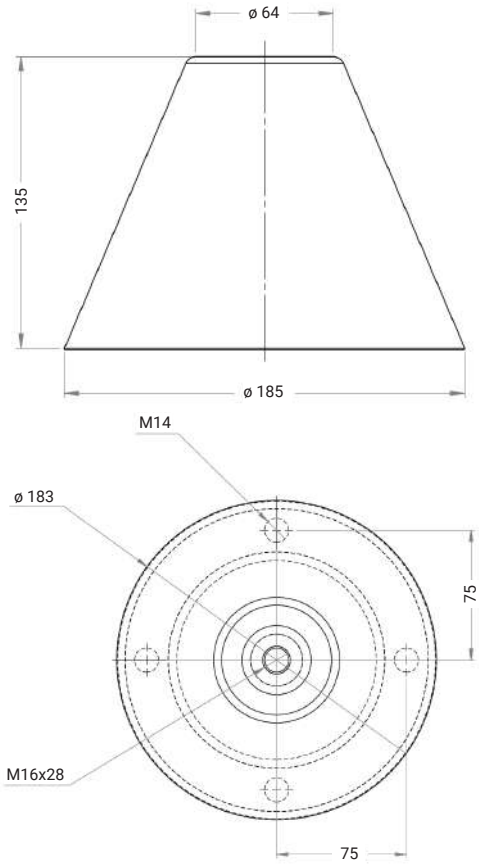
**Max. dynamic load:**
Axial: 800 kg
Radial: 300 kg

**Natural frequency:**
Axial: 6 - 12 Hz
Radial: 4 - 8 Hz

**Operating temperature:**
from -50 to +200 °C

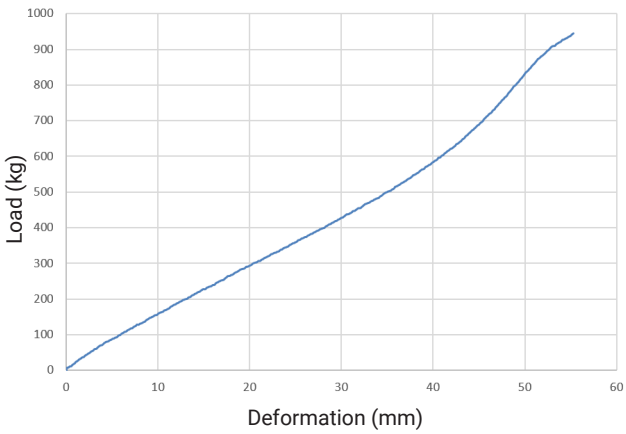
**Maximum deformation:**
Axial: 50 mm
Radial: 30 mm

# Dimensions

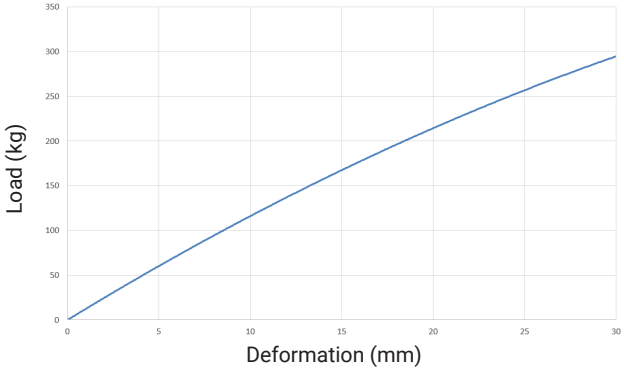





# Laboratory research




Axial Load




Radial Load

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## Tejasa TC LLC / Silentflex®

Leading Spanish manufacturer and supplier of noise and vibration isolators, anti-vibration mounts and dampers with more than 30 years of experience in vibration control.

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