SILENTFLEX
vibration control

ISO 9001
BUREAU VERITAS
Certification

Silentflex INOX 7001



6 - 12 Hz
Natural frequency

0.25 - 4.5 kg
Static load

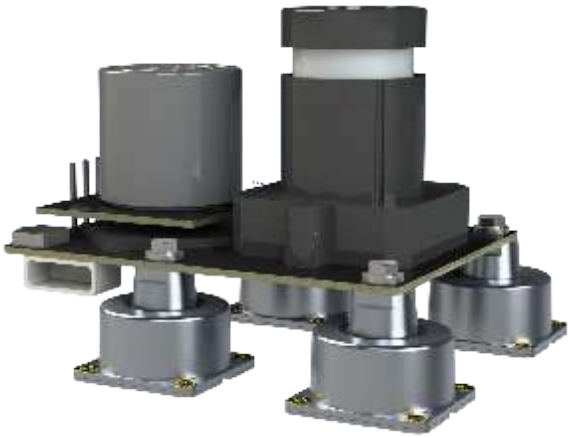
- 70°C + 500°C
Operating temperature

Components

- **Shock absorber** - AISI 304 stainless steel wire mesh
- **Spring** - stainless steel for springs AISI 302
- **Shaft, base and casing** - aluminum







Description

It has a **100% metal spring and shock absorber** inside to dissipate the energy. It **works in compression** and incorporates an end-of-stroke stop.

It is fixed at the **bottom** using **4 through holes of 4 mm** in diameter and at the **top** using **one M4 threaded hole** (M3 and M5 available on request).

Application

It is mainly used for the protection of **onboard electronic equipment** against moderate vibration and shock, as well as **electrical cabinets** and **measuring instruments** in marine, airborne or land vehicles.

- Onboard equipment
- Electronic equipment
- Navigation equipment
- Computers
- Measuring instruments in vehicles
- Control equipment on industrial machinery
- Rotary machines
- Electrical cabinets
- Air conditioners
- Laboratory equipment
- Compressors
- Canalisations

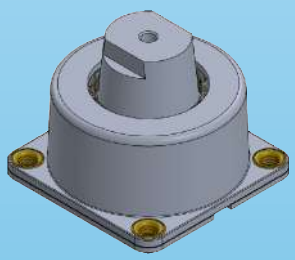
Specifications

They are **resistant** to chemicals, corrosion, extreme temperatures, sunlight and fire. Perfectly suitable for outdoor use.

Maximum permitted excitation at natural frequency of suspension: ±0.4 mm.

Amplificator factor at resonance: < 5.

Structural strength corresponds to continuous acceleration of 10 g with maximum load.



Static load:
0.25 - 4.5 kg

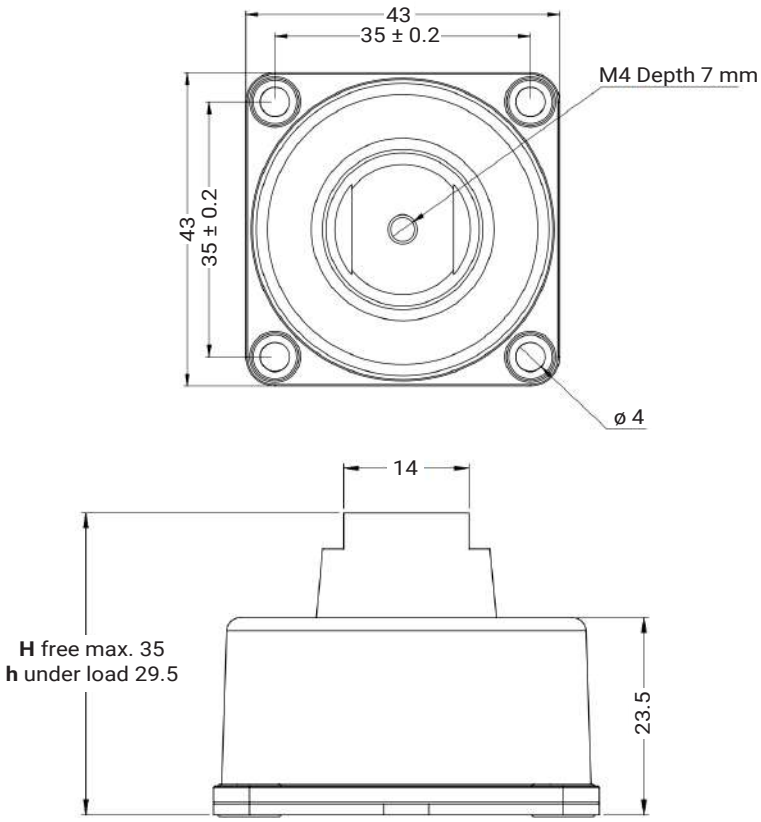
Max. dynamic load:
2.25 - 22.5 kg

Natural frequency:
Axial: 6 - 12 Hz
Radial: 4 - 10 Hz

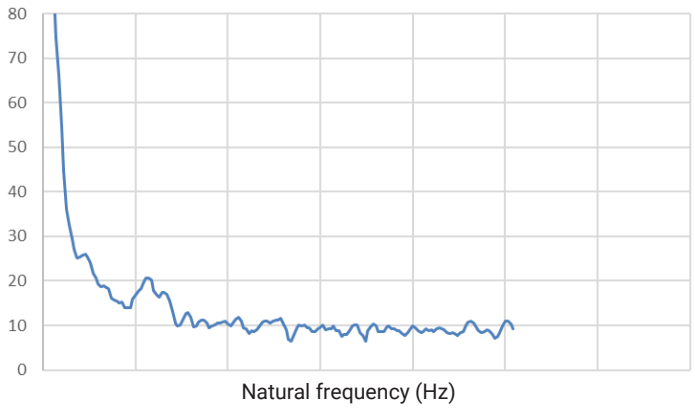
Operating temperature:
from -70 to +500 °C

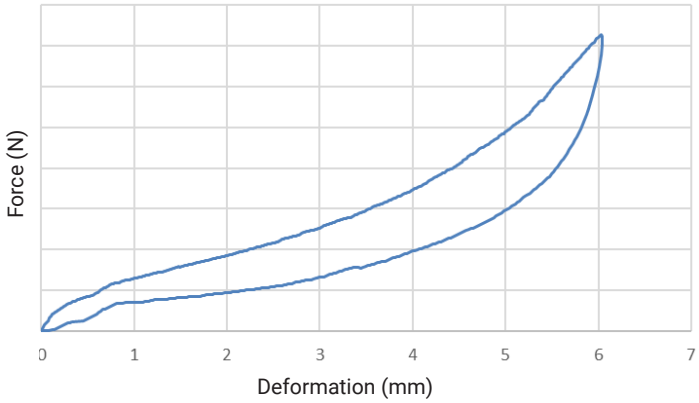
Anti-block system

Dimensions



Laboratory research



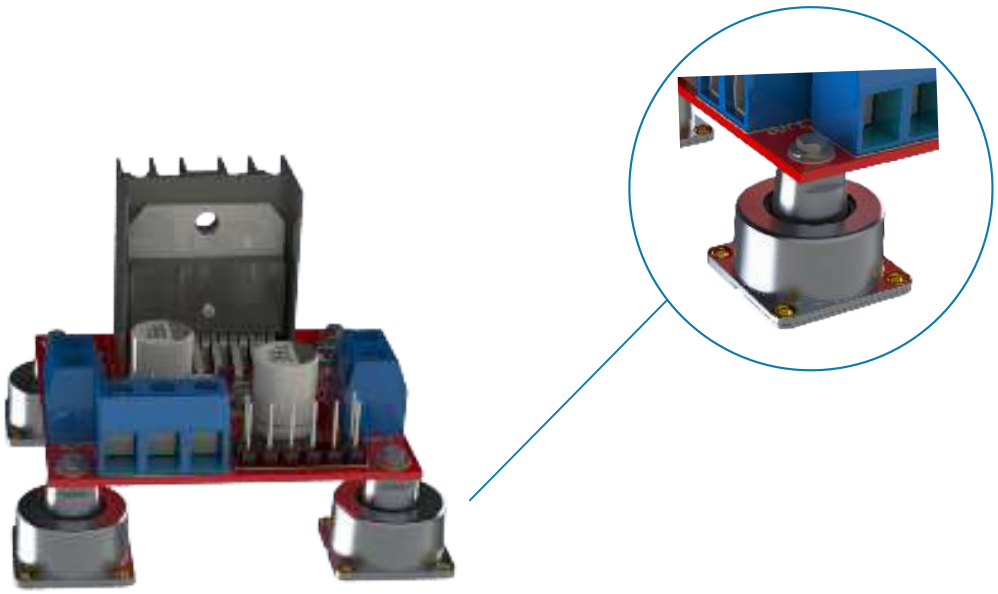


Technical characteristics

Approx. **weight** (acc. to reference):
40g



Ref.	Name	Axial static load (kg)	Max. axial dynamic load (kg)	Metric
954042-1	7001 HC	0.25 - 0.45	2.25	M4 (on request available in M3 or M5)
954042-2	7001 JC	0.35 - 0.8	4	
954042-3	7001 KC	0.7 - 1.5	7.5	
954042-4	7001 LC	1 - 2.5	12.5	
954042-5	7001 MC	2.5 - 4.5	22.5	



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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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