SILENTFLEX
vibration control

ISO 9001
BUREAU VERITAS
Certification

Silentflex INOX 7002



6 - 12 Hz
Natural frequency

0.7 - 60 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** - stainless steel
- **Base and casing** - aluminum







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.

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 5.2 mm** in diameter and at the **top** using **one M6 or M8 threaded hole** (depending on the ref., see table).

- 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

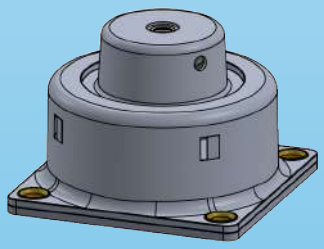
Specifications

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

Maximum permitted excitation at natural frequency of suspension: ±0.75 mm.

Amplificator factor at resonance: < 4.

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



Static load:
0.7 - 60 kg

Max. dynamic load:
6.25 - 300 kg

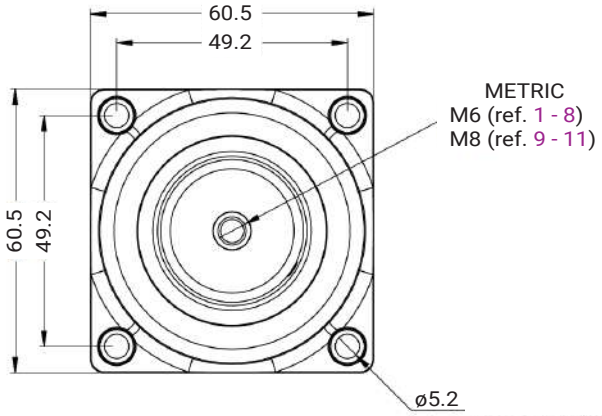
Natural frequency:
Axial: 6 - 12 Hz
Radial: 4 - 10 Hz

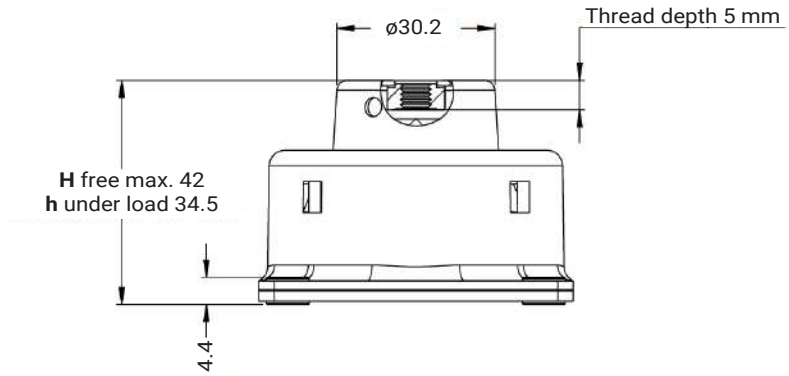
Operating temperature:
from -70 to +500 °C

Travel under shock:
Axial: ± 6 mm
Radial: ± 5 mm

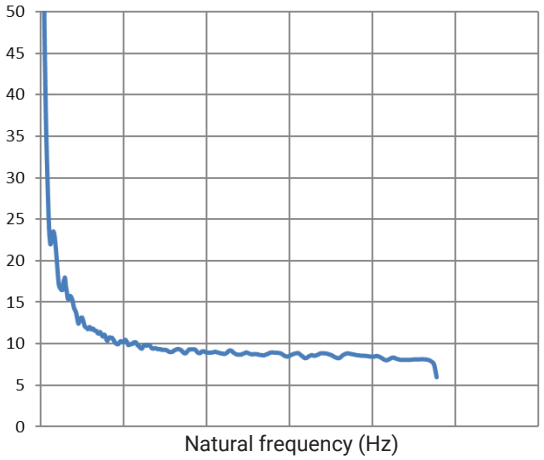
Anti-block system

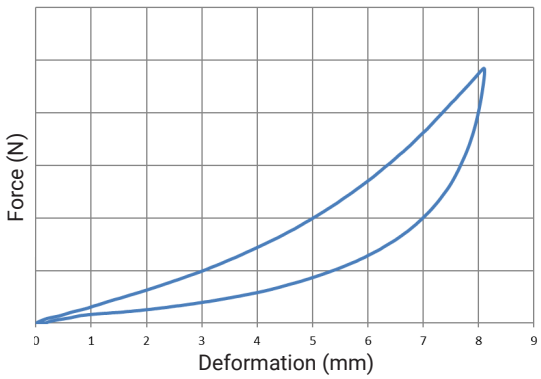
Dimensions





Laboratory research





Technical characteristics

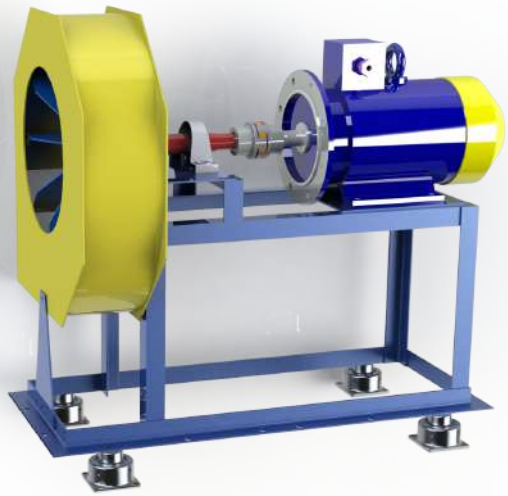
Approx. **weight** (acc. to reference):
90 - 120g





Ref.	Name	Axial static load (kg)	Max. axial dynamic load (kg)	Standard metric*	Special metric**
954043-1	7002 GA	0.7 - 1.25	6.25	M6	M8
954043-2	7002 HA	1.15 - 2.3	11.5		
954043-3	7002 JA	2 - 4.5	22.5		
954043-4	7002 KA	2.8 - 5.6	28		
954043-5	7002 LA	4.5 - 9	45		
954043-6	7002 UA	7 - 14	70		
954043-7	7002 MA	8 - 18	90		
954043-8	7002 PA	16 - 22	110		
954043-9	7002 RB	20 - 33	165	M8	M6
954043-10	7002 SB	28 - 45	225		
954043-11	7002 TB	40 - 60	300		

* Default metric
** Metric available on request



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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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