SILENTFLEX
vibration control

ISO 9001
BUREAU VERITAS
Certification

Silentflex 1202 / 914



15 - 25 Hz
Natural frequency

1 - 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







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

Application

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

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

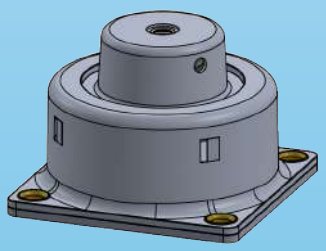
Specifications

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:
1 - 60 kg

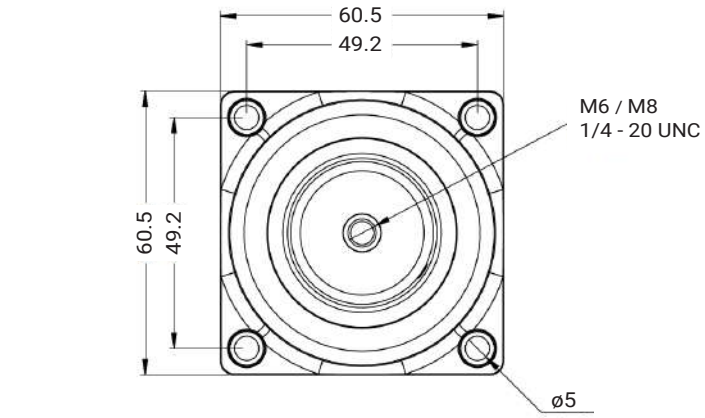
Max. dynamic load:
10 - 300 kg

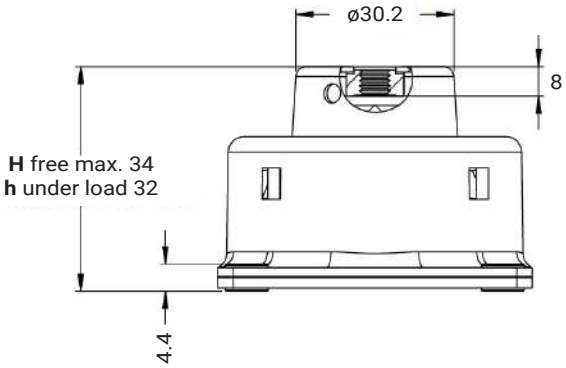
Natural frequency:
15 - 25 Hz

Operating temperature:
from -70 to +500 °C

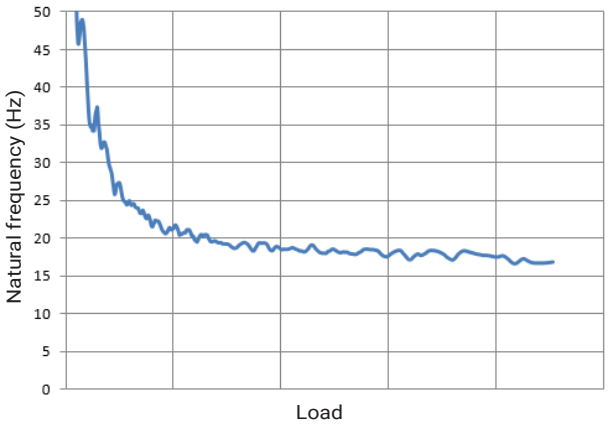
Travel under shock:
Axial: ± 5.5 mm
Radial: ± 4 mm

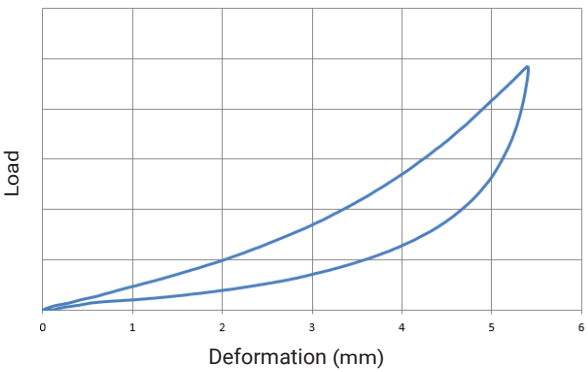
Dimensions (in mm)





Laboratory research





Technical characteristics

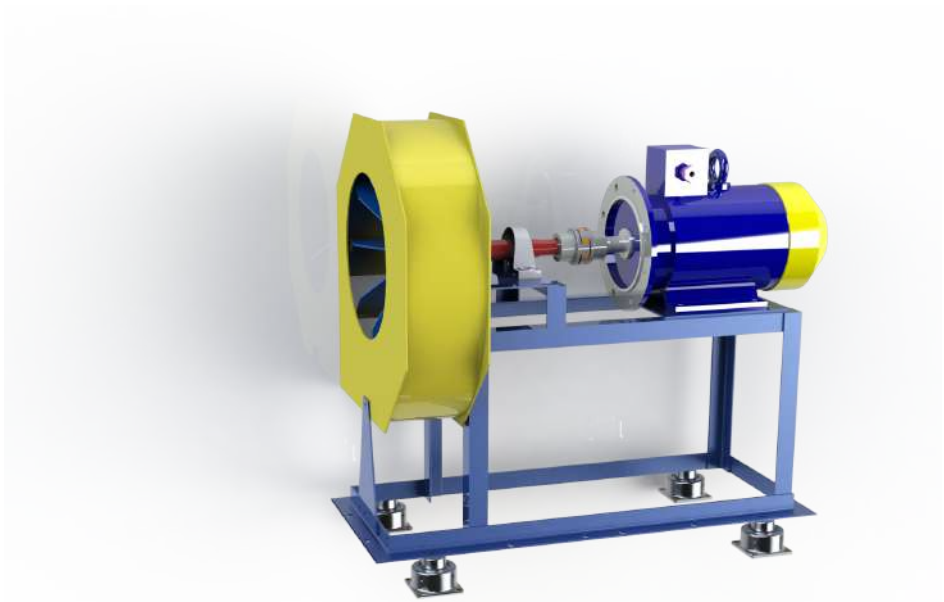
Approx. **weight** (acc. to reference):
100 - 130g





Ref.	Name	Axial static load (kg)	Max. axial dynamic load (kg)	Standard metric	Other metrics*
954041-1	M-1202-1	1 - 2.7	10	M6	M8 1/4 - 20
954041-2	M-1202-2	2.5 - 5.5	20		
954041-3	M-1202-3	4.5 - 9	35		
954041-4	M-1202-4	8 - 18	60		
954041-5	M-1202-5	16 - 24	100		
954041-6	914 - 4	20 - 40	200	M8	M6 1/4 - 20
954041-7	914 - 5	40 - 60	300		

* 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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