

Silentflex 954416



**15 - 25
Hz**

Natural
frequency

**350 -
3 000 kg**

Static load

**- 70°C
+ 300°C**

Operating
temperature

Components

- **Shock absorber** - AISI 304 stainless steel wire mesh
- **Body and base** - cast iron with protective coating



Description

Designed for **demanding industrial applications**, these shock absorbers feature a robust cast iron structure with internal stainless steel mesh cushions. They include **4 holes for secure mounting**.

Their construction provides excellent resistance to both **axial and radial dynamic loads**, covering a wide range of loads and temperatures.

Application

Vibration isolation of **machine tools**, presses, mills, crushers, textile machinery, industrial **rotating equipment** above 2500 rpm, and **marine equipment** such as engines and exhaust systems.

- | | | |
|-----------------------------|----------------------|---------------------|
| ⚙ Machine tools | ⚙ Printing machinery | ⚙ Pumps |
| ⚙ Milling machines | ⚙ Textile machinery | ⚙ Exhaust pipes |
| ⚙ Crushers / grinders | ⚙ Engines / motors | ⚙ Exhaust manifolds |
| ⚙ Friction flywheel presses | ⚙ Generator sets | ⚙ Boilers |

Specifications

Excellent resistance to outdoor conditions: resistant to chemicals, corrosion, extreme temperatures, sunlight, and fire.

Maximum permissible excitation amplitude at resonance: ± 0.3 mm.

Natural frequency 15 - 25 Hz in the axial and radial directions, depending on the applied load.

Amplification factor below 4 under resonance conditions.

Wide operating temperature range from -70 °C to $+300$ °C, allowing use in extreme environments.

High structural strength, suitable for high dynamic loads. Machined cast structure with an **anti-corrosion** surface treatment.

Four-hole mounting configuration ensures **robust and stable installation**.



Static load:
350 - 3 000 kg

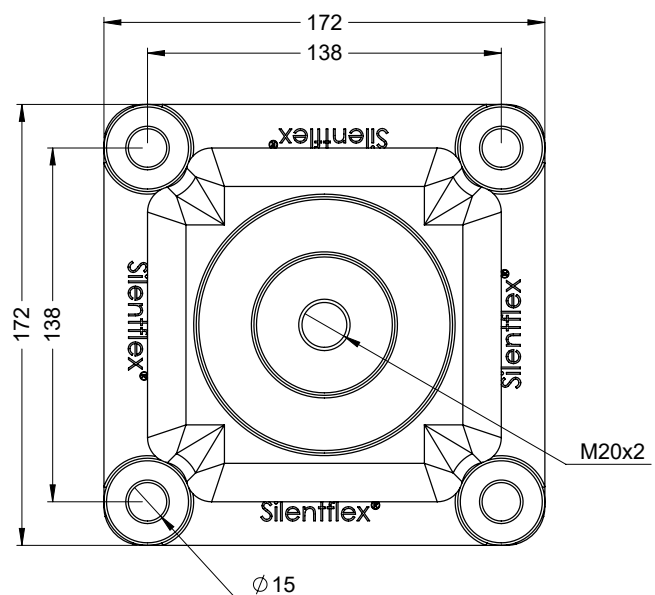
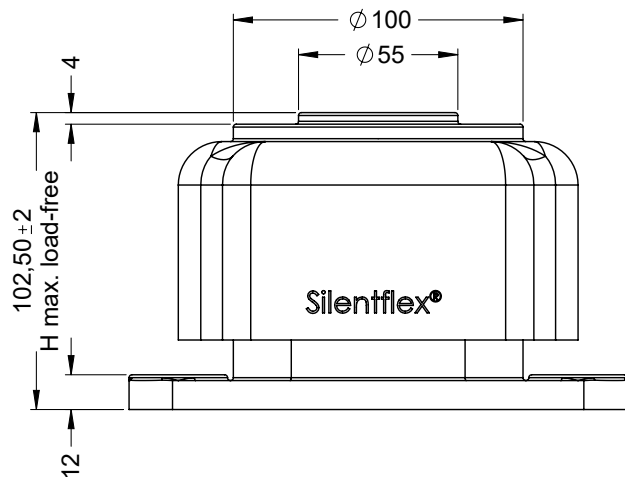


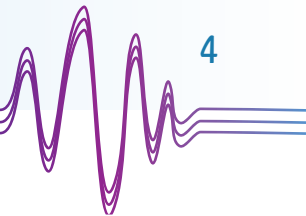
Natural frequency:
15 - 25 Hz



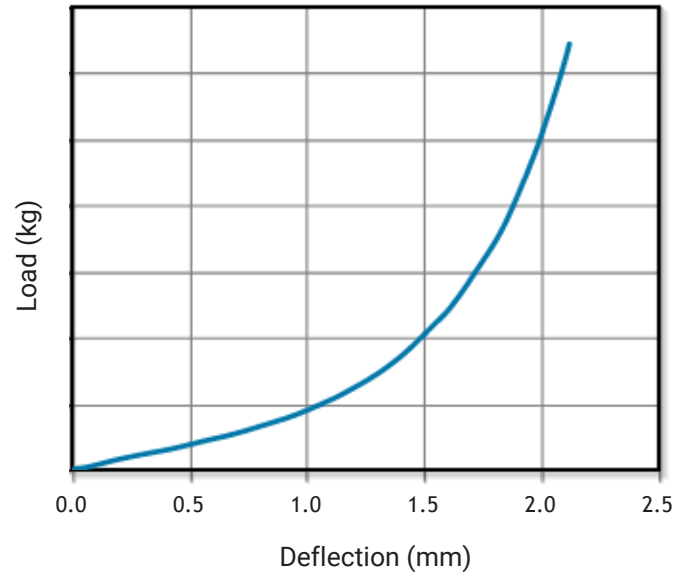
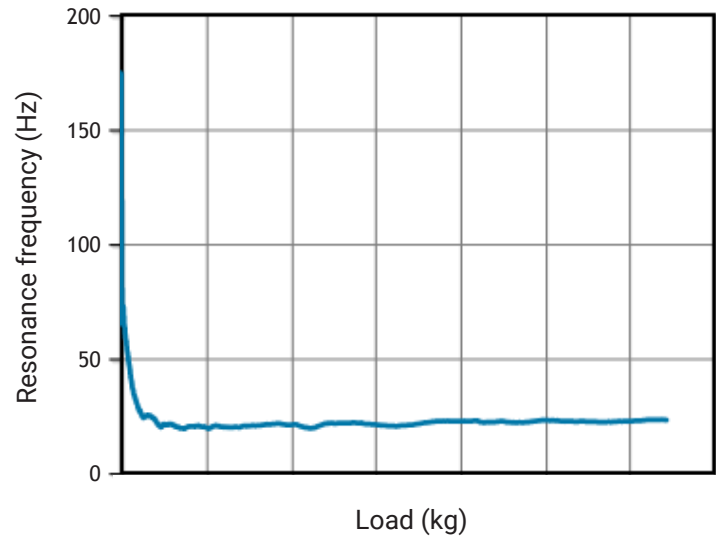
Operating temperature:
from -70 to $+300$ °C

Dimensions





Ref.	Axial static load, kg	Maximum dynamic loads, kg			Weight, kg
		Axial compression	Axial tension	Radial	
954416-01	350 - 900	4 500	4 500	4 500	6.7
954416-02	800 - 3 000	15 000			





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.

Contact us



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