



Vibro FON-RR

Vibration Isolator Cup Mount

with **R**ecycled **R**ubber

ALPHA ACOUSTIKI

In TUNE with YOUR needs

Vibro FON-RR

Vibration Isolator Cup Mount with Recycled Rubber



Vibro FON-RR with fixing screw



Vibro FON-RR

Description

Vibro FON-RR consists of a rubber cup and a major anti-vibration component made of PUR-bonded Recycled Rubber fibers with 2 dimpled bases. This special pad, which is the core of the anti-vibration damper, is enclosed within the rubber cup.

Vibro-Fon.RR, thanks to its dimpled surface, increased its active bearing surface when the applied weight is increased. At the same time its natural frequency remains constant. Therefore, it is suitable for a wide load range.

Features

- Wave-shape base for wide loading range
- Progressive characteristics (as in spring isolators)
- Vibration absorber pad for effective decoupling
- Ecological footprint - includes recycled material
- Prevents structural-born resonances
- Easy installation
- A cost-effective solution for vibration control problems

RECOMMENDED MAX LOAD

20 daN per piece

Typical applications

- Mounting of HVAC units
- Pumps, fans and other mechanical components
- Floating concrete or wooden floors (without height adjustment)
- Loudspeakers, subwoofers, Hi-Fi equipment support

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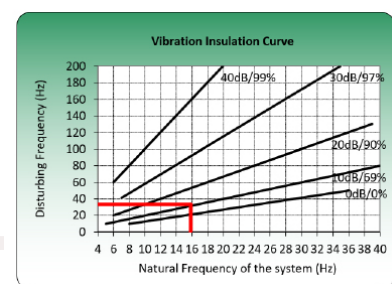
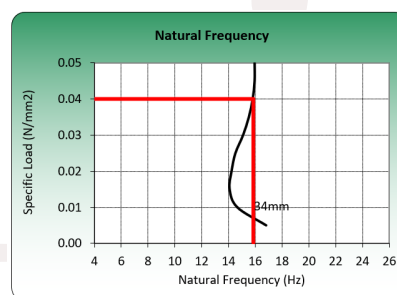
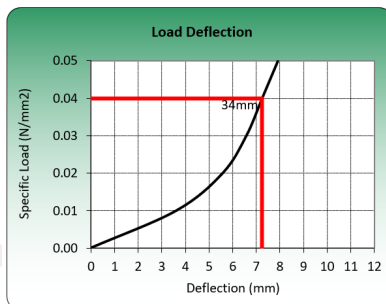
Installation instructions

In most applications **Vibro-Fon.RR** can be self-supporting. Due to increased friction (circular rings on the bearing base) it is not necessary to be mounted (e.g. floating mounts). For applications where restraint is required, there is a specially designed tapered hole for an M8mm countersunk screw (DIN7991) on the top of the rubber cup for fixing. For the convenience of our customers we offer one M8X35mm screw with its nut for each mount.

In order to facilitate your needs, we have included an M8X30mm screw and the corresponding nut. However, it can easily be replaced with a smaller M6 screw, without the use of special tools. With the use of a suitable screw length and 2 nuts with the appropriate washers (not included) height adjustment can also be achieved.

Dynamic Features

The dynamic characteristics of a vibration isolator are crucial for understanding the way it performs functionally. Using specifically created software, we analyze each static loading of a certain application to calculate its dynamic properties. The dynamic characteristics of **Vibro-FON-RR** is represented in the graphs below.



Max Static Load = 20kg | Deflection = 7.24 mm | Natural Frequency = 15.84 Hz | Vibration Reduction = 70.82 %

Consult our team of engineers at tech@alphacoustic.com for assistance in selecting a suitable anti-vibration decoupler. The current issue may be updated without notice.

Design and Production according to Quality Management System ISO 9001.2008
& Environmental Management System ISO 14001.2004



Vibro

VIBRATION CONTROL TECHNOLOGY

40+ years

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ALPHA ACOUSTIKI SA
www.antivibration-systems.com
info@vibro.gr
+30 210 6779875
EUID: ELGEMI.004207401000

