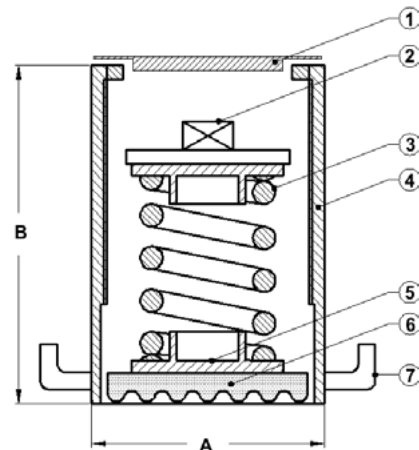


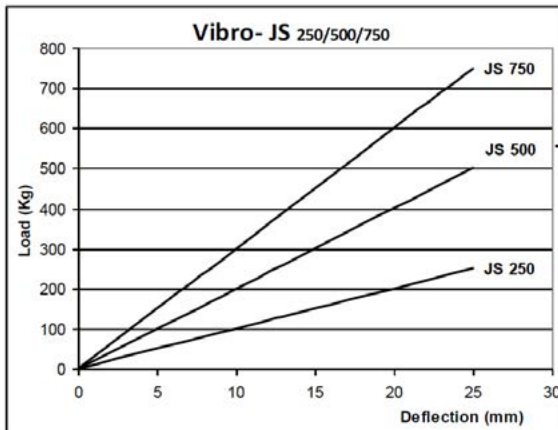
JS

ANTI-VIBRATION JACK-UP SPRING MOUNT for CONCRETE FLOATING FLOORS

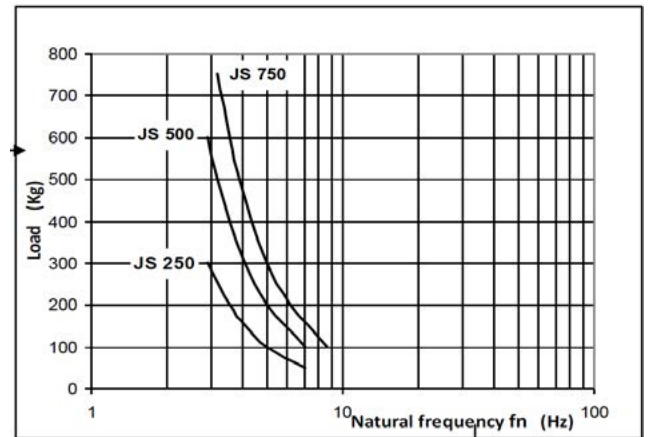
1. Cover plate
2. Regulation elevation mechanism
3. Antivibration Spring
4. Housing
5. Spring support
6. Antivibration Rubber pad
7. Concrete reinforcing holding



DYNAMIC CHARACTERISTICS



Load - Deflection Curves



Load - Natural Frequency Curves

SELECTION METHOD

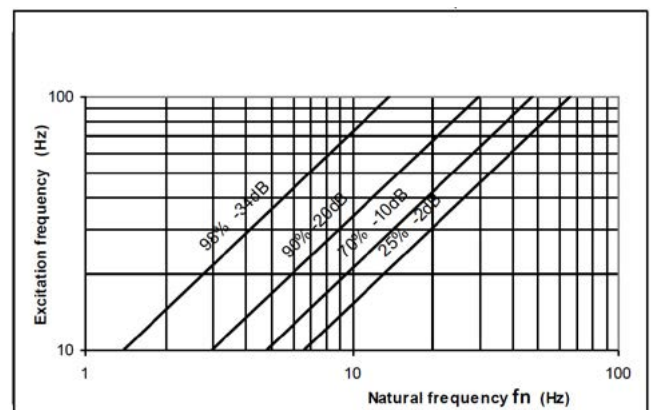
We check the deflection (mm), for different number of layers, in combination with the assessed load (Kg) per mounting point (chart 1). Then we calculate (chart 2) the

natural frequency, ($f = \frac{1}{2} \pi \sqrt{\left(\frac{k}{m}\right)}$) of the antivibration

pad for every number of layers.

From chart 3, with the assessed excitation frequency of the machine ($f_e = \text{rpm} / 60$) and the natural frequency from chart 2, we calculate the % theoretical vibration reduction (efficiency, η).

For achieving optimum results in special applications, we recommend to contact our technical department for selecting the best antivibration solution.



Vibration Reduction Chart

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