



VIBRO/DYNAMICS

vibration and shock control systems

Hy/Speed® Spring Isolators



VSV

Vibro/Dynamics

Hy/Speed® VSV Spring Isolators are the ultimate in vibration control for high-speed machinery. The low natural frequency design of the VSV Series Isolators effectively isolates both impact and inertia forces by up to 99%. VSV Hy/Speed Isolators have viscous damping and high quality materials and construction. The VSVL model also has a built-in leveling feature.



VIBRATION AND SHOCK ISOLATION FOR HIGH-SPEED PRESSES



VIBRO/DYNAMICS

Hy/Speed Spring® Isolators

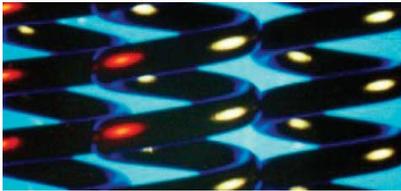


VSV & VSVL Series Features & Benefits

Viscous Damping

Selecting the proper damping is essential to control machine motion. This is why VSV Series Hy/Speed Isolators are available in different viscous damping designs and configurations.

Viscous damping systems are best suited for machines that pass through resonance slowly and have large out-of-balance forces relative to machine weight, or whose operating speed is close to the natural frequency of the machine.



Extra Vibration Protection and Proper Support

Hy/Speed Spring Isolators come equipped with a high-quality resilient cushion that provides a uniform contact surface between the isolator and the floor. This cushion also isolates high-frequency vibration caused by coil spring resonance.

Built Tough To Last

Vibro/Dynamics combines its low-stress isolator design philosophy with high-quality materials to ensure the longest effective isolator life.

VSV Series Hy/Speed Isolators also feature an internal snubbing system that further protects the isolator and prevents spring overloading.

Built-in Precision Leveling

The VSVL Model Series are equipped with either a precision vertical leveling screw or a wedge leveling device for fast and easy leveling.

Precision leveling means better alignment of machine components, resulting in increased machine accuracy and improved machine and tooling life.

A built-in leveling feature lets you get into production faster by leveling your machines quicker with far greater accuracy than the trial and error method offered by shims and grout.



Installation of a high-speed press on VSVL2408 Isolators



VSVL Series with Wedge Leveling Device

Technical Assistance
 To assure the best installation, our application engineers will carefully analyze your particular application needs and recommend the proper isolator for the best installation. Please give us a call, and we will be happy to assist you in your selection.

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