



Vibration Mountings Inc.

98-01 50th Ave. Corona 68, N. Y.

Engineers and Manufacturers of Vibration Control Devices

Representatives in Principal Cities. See "Thomas Register".

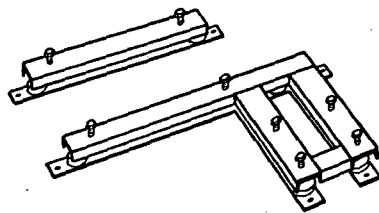


Fig. 1. Type RB. Rubber-in-Shear Base.



Fig. 2. Type RB. Base End Section.



Fig. 3. Type VMRH Rubber Hanger

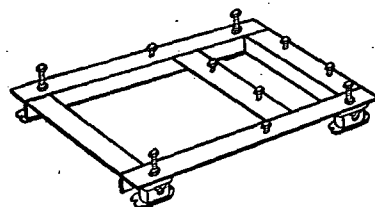


Fig. 4. Structural Base with Spring Mounts

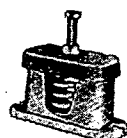


Fig. 5. Spring-Flex Mount



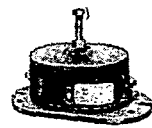
Fig. 6. Type RSH. Rubber-in-Shear and Spring Hanger.

Pad Type Materials are available in molded cross-rib neoprene as shown in Fig. 9, cork plates of thicknesses ranging from $\frac{1}{2}$ in. to 4 in. as shown in Fig. 10, or in a bonded cork and neoprene pad, as illustrated in Fig. 11.

Send for complete Flexible Hose and Vibration Control Data Book which includes tables of recommended isolation efficiencies for critical and non-critical area applications.



Type R mount. Fig. 7.



Spring-Flex Mount Fig. 8



Shear-Flex Pad Fig. 9



Cork-Flex Pad Fig. 10



Cork-Rib Pad Fig. 11

Structural Steel Vibration Bases for Fans and Motors, Pumps, Compressors and Air Handling Units prevent motor misalignment, excessive belt wear and reinforce cast iron pump bases. Bolt hole locations are predetermined and fixed so that the vibration base becomes a template for lining up the equipment and securing it in place.

Rubber-in-Shear is generally used where a static deflection of $\frac{3}{4}$ in. maximum is adequate. Mountings are permanently fastened between structural channels and flat steel base plates, as shown in Figures 1 and 2.

Spring Mountings with bonded acoustical pads are recommended for the more critical locations. Static deflections up to $1\frac{1}{2}$ in. provide isolation efficiencies approaching 100 per cent. Structural angles form a rigid floating platform for the equipment as shown in Fig. 4. The mounting used is shown in Figure 5.

Individual Mountings are used under equipment that does not require a supplementary base. Rubber-in-Shear mountings typically illustrated in Fig. 7 can be furnished for individual loads of 5 to 2,000 lbs. Spring mountings as illustrated in Figures 5 and 8 support loads ranging from 50 to 18,000 lbs. Spring mountings are manufactured with built in leveling and damping devices.

Vibration Hangers using either rubber-in-shear or steel springs or a combination of both prevent the transmission of vibration and noise through the suspension rods. Open housings, not shown, or closed housings as shown in Figures 3 and 6 are made for attachment directly to the ceiling or insertion in the suspension rods. Standard hangers are made for loadings of 50 to 1,000 lbs. Special units on request.

The Industrial Press

93 Worth Street, New York 13, N. Y.

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