



Product Data Sheet: VIBmount-FS

Applications

- Floor-mount
- Free-standing, un-restrained isolation
- Standard capacity

Features

- Large diameter steel spring
- Steel spring cap
- Elastomeric spring cup
- Leveling nut
- Easy installation

VIBmount-FS Isolator

The VIBmount-FS Isolator is VIB-ISO's free-standing, un-housed, un-restrained standard floor mount isolator. Designed to sit between a structured floor and a mounted piece of equipment, the VIBmount-FS Isolator will aid to reduce the vibration from large mechanical and electrical equipment to the building structure.

Each VIBmount-FS includes an open-ended, freestanding, large diameter steel spring. The steel spring assembly rests on an elastomeric spring cup.

VIB-ISO will engineer each VIBmount-FS Isolator to match the specified unit and meet any additional customer requirements. The VIBmount-FS Isolator features a large diameter steel spring, threaded in an elastomeric cup in order to reduce high frequency vibration. It is available in 1" or 2" deflection and offers easy on-site assembly requiring only basic tools for installation. For larger pieces of equipment, blocks may be used for installation.



Assembled VIBmount-FS Isolator

VIBmount-FS Attributes

The VIBmount-FS Isolator is designed to reduce the vibration from most large-scale mechanical and electrical equipment when seismic and wind restraints are not required. For buildings in which the end user demands critically quiet areas, vibration isolation control of large mechanical and electrical equipment is a necessity.

The VIBmount-FS Isolator uses coil spring as a resilient media to absorb the vast majority of the vibration energy emanating from the unit. The VIBmount-FS design meets all applicable ASHRAE (American Society of Heating Refrigeration Air-conditioning Engineers) and ASCE (American Society of Civil Engineers) codes and requirements. The VIB-ISO VIBmount-FS Isolator is recommended for isolating equipment with large loads operating at speeds that produce vibration concerns including, but not limited to, boilers, pumps, condensers, and other M/E/P equipment with small inertia bases.



VIB-ISO

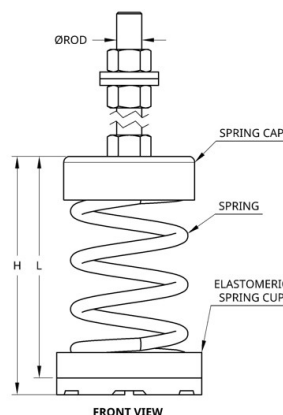
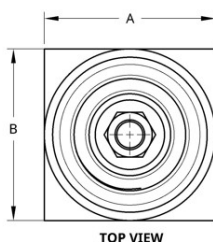
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VIBmount-FS Specifications

1. Un-restrained spring isolator with constant, free operating height.
2. Elastomeric pad for high frequency noise reduction.
3. Steel coil assembly, painted.
4. Minimum coil overload of 50%.
5. Meets IBC and ASCE code specifications.
6. Available in 1" or 2" deflection.
7. 100% Made in the U.S.A.



Additional Options

- 1" or 2" deflection
- Installation blocks for larger equipment

ISOLATOR DIMENSIONS (INCHES)

HOUSING	H	L	A	B	ROD
FS-1.75	3.56	3.19	2.16	2.16	0.38
FS-3.00	4.66	4.20	3.52	3.52	0.63
FS-3.50	6.62	6.09	4.03	4.03	0.63

SPRING DATA (INCHES AND POUNDS)

TYPE	DEF.	RATING	COLOR	FREE HT.	O.D.
FS-1.75	1	30	BLUE	3.19	1.75
FS-1.75	1	70	GREEN	3.19	1.75
FS-1.75	1	125	GRAY	3.19	1.75
FS-1.75	1	205	BROWN	3.19	1.75
FS-1.75	1	375	ORANGE	3.19	1.75
FS-1.75	1	500	RED	3.19	1.75
FS-1.75	1	600	BLACK	3.19	1.75
FS-1.75	1	700	RED/GRAY	3.19	1.75
FS-1.75	1	800	BLACK/GRAY	3.19	1.75
FS-3.00	1	250	BLUE	4.20	3.00
FS-3.00	1	370	BLUE/BLACK	4.20	3.00
FS-3.00	1	450	YELLOW	4.20	3.00
FS-3.00	1	570	YELLOW/BLACK	4.20	3.00
FS-3.00	1	800	BROWN	4.20	3.00
FS-3.00	1	1000	RED	4.20	3.00
FS-3.00	1	1200	GRAY	4.20	3.00
FS-3.00	1	1320	GRAY/BLACK	4.20	3.00
FS-3.00	1	1700	BLACK	4.20	3.00
FS-3.00	1	1820	BLACK/BLACK	4.20	3.00
FS-3.00	1	2465	BLUE	4.20	3.00
FS-3.00	1	2585	BLUE/BLACK	4.20	3.00
FS-3.00	1	2865	BLUE/GRAY	4.20	3.00
FS-3.00	1	3500	BLUE/BLUE	4.20	3.00
FS-3.50	2	100	BLUE	6.00	3.50
FS-3.50	2	250	YELLOW	6.00	3.50
FS-3.50	2	375	YELLOW/GRAY	6.00	3.50
FS-3.50	2	500	GREEN	6.00	3.50
FS-3.50	2	625	GREEN/GRAY	6.00	3.50
FS-3.50	2	750	BROWN	6.00	3.50
FS-3.50	2	875	BROWN/GRAY	6.00	3.50
FS-3.50	2	995	RED	6.00	3.50
FS-3.50	2	1120	RED/GRAY	6.00	3.50
FS-3.50	2	1395	RED/BLUE	6.00	3.50
FS-3.50	2	1600	BLACK	6.00	3.50
FS-3.50	2	1725	BLACK/GRAY	6.00	3.50
FS-3.50	2	2000	BLACK/BLUE	6.00	3.50

For more information regarding the VIBmount-FS Isolator,
please visit us at www.vibiso.com.

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