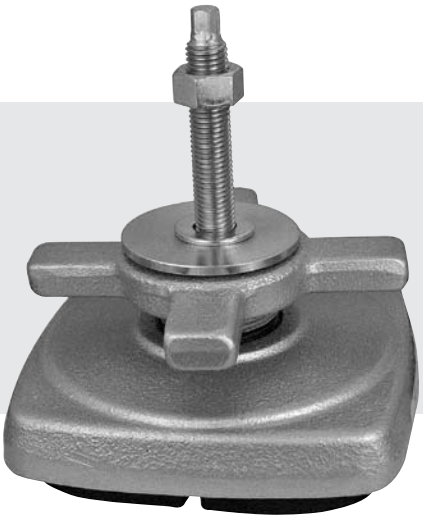
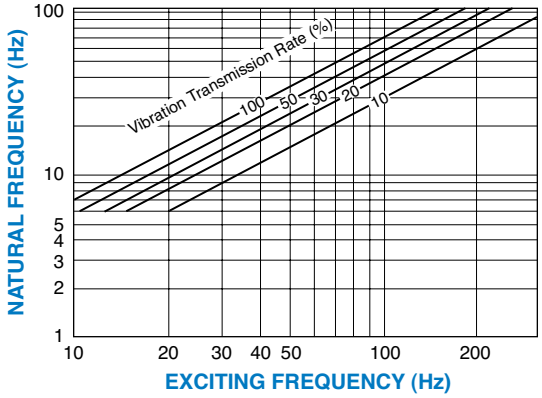


Metric

SELECTION METHOD

Please select the model matching the load and desired performance.

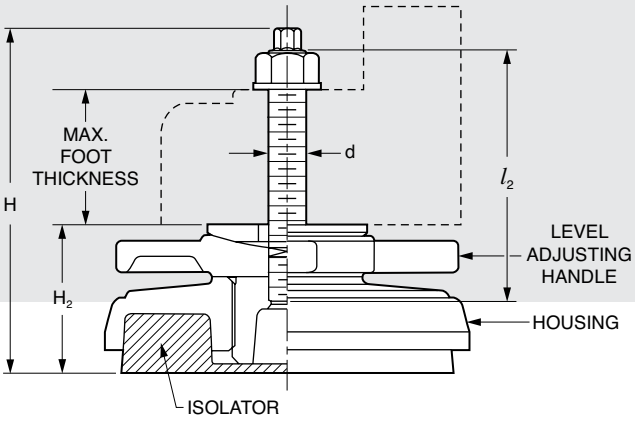
1. If the machine has the normal frequency, obtain the exciting (forcing) frequency.
2. Calculate the load of one mount.
3. On the load vs natural frequency chart, go horizontally from the load calculated in step 2 till it intersects the lines representing different mounts.
4. From the intersection, go vertically down to get the natural frequency.
5. Select the model that suits the machine (choosing between emphasis on safety or vibration damping). Generally, if the exciting frequency is more than twice the natural frequency, there is effective attenuation of vibration. Conversely, if the exciting frequency is below $\sqrt{2}$ times the natural frequency, you are close to the resonance frequency. Select an alternate model in this case.



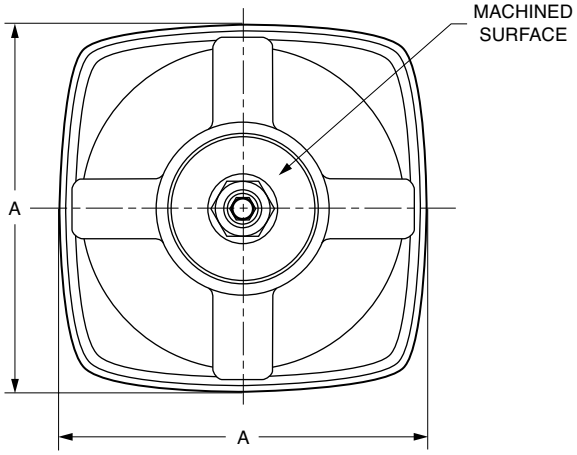
CAUTION

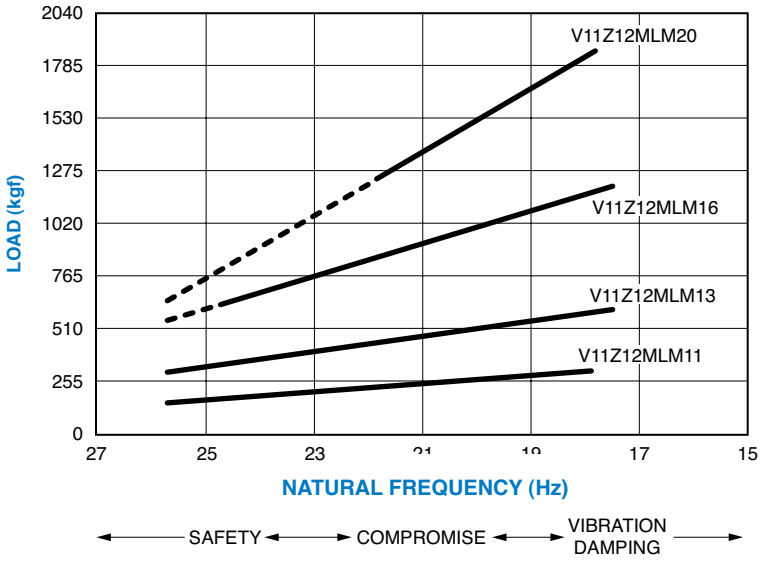
1. Use the natural frequency figure only when the forcing frequency is in the vertical direction.
2. To emphasize safety, reduce the load on each unit. To emphasize vibration damping, operate in the maximum load area.
3. To emphasize vibration damping, match the models to each support load so that the natural frequencies are uniform as much as possible.

- **MATERIAL:** **Handle –** Cast Iron, Painted
  Bolt & Nut – Steel, Zinc Plated
  Housing – Cast Iron, Painted
  Isolator – Neoprene



Metric





NOTE: Dimensions in ( ) are inch.

Catalog Number	Load		A	H	l_2	d	H_2 Height	Max. Height Adjust-ment	Max. Allow. Foot Thick-ness	Spring Rate kgf/mm (lb/in) x 10^3
	Max. kgf (lb)	Min. kgf (lb)								
V11Z12MLM11	286 (630.5)	143 (351.3)	110 (4.33)	115 (4.53)	85 (3.35)	M12	47 (1.85)	15 (.59)	~ 45	377.3 (21.1)
V11Z12MLM13	612 (1349.2)	286 (630.5)	130 (5.12)	141 (5.55)	110 (4.33)	M16	51 (2.00)	20 (.79)	~ 60	754.6 (42.3)
V11Z12MLM16	1224 (2698.5)	612 (1349.2)	160 (6.3)	151 (5.95)			65 (2.56)	24 (.95)	~ 55	1499 (83.9)
V11Z12MLM20	1835 (4045.5)	1224 (2698.5)	200 (7.87)	177 (6.97)	130 (5.12)	M20	76 (3.00)	27 (1.06)	~ 65	2345.3 (131.3)