

AIRMOUNT ISOLATOR DESIGN PARAMETER WORKSHEET

For Vibration Isolation

A) To prevent outgoing vibration transmission (into the surrounding area). or

B) For isolating delicate equipment from incoming vibrations. Please complete the following:

1. Description of equipment:

2. Type of disturbance to be isolated
(Forced frequency of vibration):

3. Maximum Weight (lbs.)
4. Weight distribution (Please sketch on graph)
5. Desired number of mounting points:
6. Position of mounting points (Please sketch on graph)
7. Space (diameter) available for airmount isolators (inches)

8. Air pressure available:
9. Dimensions: Height (inches)
Length (inches)
Width (inches)
10. Position of center of gravity
(C.G. in mm up from base)
11. Disturbing frequency
 - a) For A) Above, Machine speed, (RPM)
 - b) For B) Above, Frequency of incoming
12. Percent isolation desired (%):

For Isolating an Unbalanced Mass

13. Please complete 1 through 12, and also include:
14. Type of moving components (unbalanced mass):

15. Weight of unbalanced moving mass (lbs.):

16. Radius of movement (inches):
17. Direction of movement (Please sketch on graph).

For shock impact isolation

18. Please complete 1, and also include:
19. Weight of moving object (lbs.):
20. Speed of moving object (in/sec):
21. Distance of free fall (inches):
23. Space (diameter) available for shock impact isolator(s)
(inches):

Date: _____

Name
 Company
 Address
 City/Country/Code
 Telephone