

## 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 vibrtions. 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)
  - (C.G. III IIIIII up IIOIII ba

11. Disturbing frequency

- a) For A) Above, Machine speed, (RPM)
- b) For B) Above, Frequency of incoming
- 12. Percent isolation desired (%):

Name

Company

Address

City/Country/Code

Telephone

## 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 isoltor(s) (inches):

Date:\_\_\_\_\_