

# Sizing Worksheet-Linear Motors

In order to assist us at H2W Technologies in selecting the right linear motor for your specific application please answer as many of the following questions as you are can and fax this sheet to (661)-702-9348 or email to [info@h2wtech.com](mailto:info@h2wtech.com)  
If you would rather talk directly to one of our engineers, please call toll free (888)-702-0540 from 8:00 AM to 6:00 PM Pacific Standard time.

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_

\_\_\_\_\_

Fax: \_\_\_\_\_

\_\_\_\_\_

Email: \_\_\_\_\_

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1. What force is required (lbs or [N])? \_\_\_\_\_

2. What is the weight of your payload (lbs or [Kg])? \_\_\_\_\_

3. What is the required acceleration (g's)? \_\_\_\_\_

4. What is the time required to complete the travel (sec)? \_\_\_\_\_

5. What is your total required travel (inches or [mm])? \_\_\_\_\_

6. What is the duty cycle for force or acceleration chosen above (%)? \_\_\_\_\_

7. What is the required velocity (inches/ sec or [m/sec])? \_\_\_\_\_

8. Open or closed loop operation? \_\_\_\_\_

9. Does your motor require bearings? \_\_\_\_\_ If so, please see our line of positioning stages

10. What are the ambient conditions and environment of the application (Degrees C or F)?  
\_\_\_\_\_

11. What is the available power source (DC or AC (Single or Three Phase)) ? \_\_\_\_\_

12. Please describe to us in as much detail as possible about your application in the space provided below (or on a separate sheet). Please include any sketches, CAD drawings, velocity profiles, or system specifications you may have.

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This is usually enough information to get us going with the selection process. One of our engineers will contact you directly to discuss your application in detail and determine which one of our products will best suit your requirements.