



# Linear Actuator Application Sheet

For Assistance in Selecting the Appropriate Linear Actuator Product

Please return via fax or email: (714) 992-0471, info@anaheimautomation.com

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

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

Address: \_\_\_\_\_ M/S: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

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

Machine/Project Name: \_\_\_\_\_

Machine/Project Function: \_\_\_\_\_

Estimated Annual Usage: \_\_\_\_\_

Target Price Per Unit: \_\_\_\_\_

## Linear Actuator Requirements:

What type of energy will be used (Air, fluid, electricity?) \_\_\_\_\_

How much load is moved in Newton? Force: \_\_\_\_\_

In what directions (push, pull, vertical and/or horizontal) will the actuator need to move?  
\_\_\_\_\_  
\_\_\_\_\_

How much load do you need to hold in Newton? \_\_\_\_\_

How will the actuator be mounted? \_\_\_\_\_

Is the load trying to stretch or/and compress the actuator? \_\_\_\_\_

What speed do you want the actuator to move in mm/s? \_\_\_\_\_

What is the stroke length? (How far does the linear actuator need to travel?) \_\_\_\_\_

What is the life of the unit in cycles/duty cycle (one cycle = extend and retract)? \_\_\_\_\_

How will the actuator be mounted? Include all details. \_\_\_\_\_  
\_\_\_\_\_

Do you need any special retracted length (cross hole c/c in mm)?  
\_\_\_\_\_



**Additional Options:**

What kind of power options do you require (motor vs. battery)? \_\_\_\_\_

What kind of motor would you prefer? \_\_\_\_\_

Is a holding brake required? \_\_\_\_\_

Is an encoder required? \_\_\_\_\_

Do you need any of the optional features for the actuator, such as potentiometers, switches, e-stops, etc.? \_\_\_\_\_

Do you need a matching drive for the actuator? \_\_\_\_\_

What are the accuracy requirements of the application? \_\_\_\_\_  
\_\_\_\_\_

What are the environmental considerations (dusty, outdoors, wash down)? \_\_\_\_\_  
\_\_\_\_\_

What is the operation temperature range in Celsius? \_\_\_\_\_

What is the duty cycle (on-time/on-time+off-time) in seconds)? \_\_\_\_\_

Do you need any certificate (UL, CE, etc.)? \_\_\_\_\_

Life expectancy desired? \_\_\_\_\_

Space requirements (footprint): \_\_\_\_\_

Describe any additional requirements (packaging, labeling, etc.) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

