

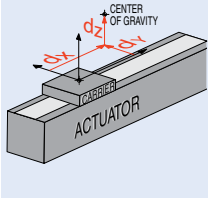
# COMPILE APPLICATION REQUIREMENTS

## APPLICATION DATA WORKSHEET

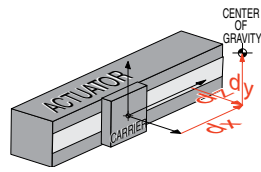
Fill in known data. Not all information is required for all applications

### ORIENTATION

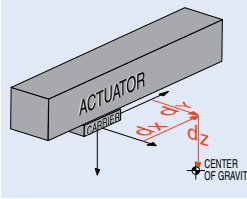
Horizontal



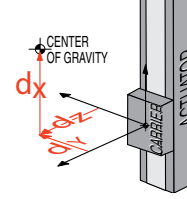
Side



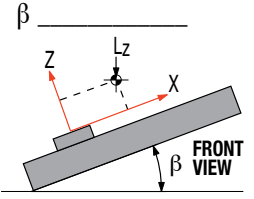
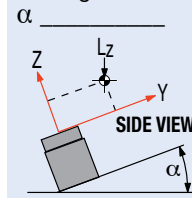
Horizontal Down



Vertical



Angled °



Load attached to carrier OR  Load supported by other mechanism

### DISTANCE FROM CENTER OF CARRIER TO LOAD CENTER OF GRAVITY

$d_x$  \_\_\_\_\_  
 $d_y$  \_\_\_\_\_  
 $d_z$  \_\_\_\_\_

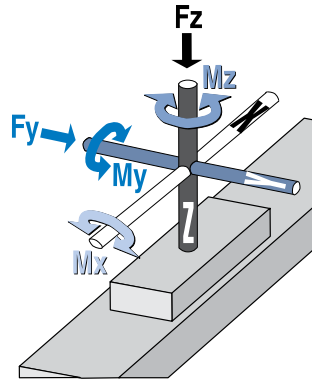
inch (U.S. Standard)

millimeter (Metric)

### STROKE LENGTH \_\_\_\_\_

inch (U.S. Standard)

millimeters (Metric)



### BENDING MOMENTS APPLIED TO CARRIER

$M_x$  \_\_\_\_\_

$M_y$  \_\_\_\_\_

$M_z$  \_\_\_\_\_

in.-lbs. (U.S. Standard)

N-m (Metric)

### PRECISION

Repeatability \_\_\_\_\_

inch

millimeters

**NOTE:** If load or force on carrier changes during cycle use the highest numbers for calculations

### LOAD \_\_\_\_\_

lb. (U.S. Standard)

kg. (Metric)

### THRUST REQUIRED

lbf. (U.S. Standard)

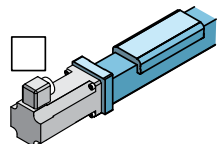
N (Metric)

$F_z$  \_\_\_\_\_  
 $F_y$  \_\_\_\_\_

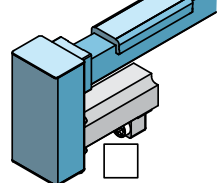
### OPERATING ENVIRONMENT

Temperature, Contamination, etc.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



Inline



Reverse Parallel

### MOVE PROFILE

Move Distance \_\_\_\_\_

inch

millimeters

Dwell Time After Move \_\_\_\_\_

Max. Speed \_\_\_\_\_

in/sec

mm/sec

### MOVE TIME \_\_\_\_\_

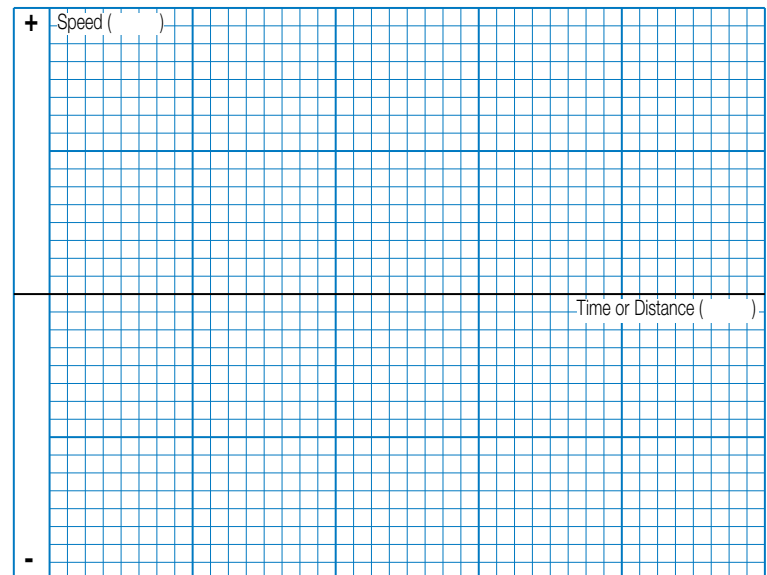
sec

NO. OF CYCLES \_\_\_\_\_

per minute

per hour

### MOTION PROFILE



Graph your most demanding cycle, including accel/decel, velocity and dwell times. You may also want to indicate load variations and I/O changes during the cycle. Label axes with proper scale and units.



USE THE TOLONATIC SIZING AND SELECTION SOFTWARE AVAILABLE ON-LINE AT [www.tolomatic.com](http://www.tolomatic.com) OR... CALL TOLONATIC 1-800-328-2174 with the above information. We will provide any assistance needed to determine the proper MX actuator for the job.

FAX 1-763-478-8080

### CONTACT INFORMATION

Name, Phone, Email  
 Co. Name, Etc.

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