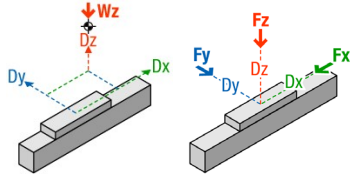


# Electric Rodless Actuator Application Worksheet

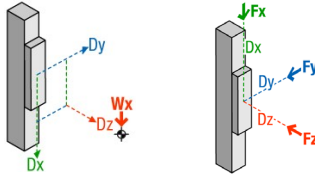
USE THE TOLOMATIC SIZING AND SELECTION SOFTWARE AVAILABLE ON-LINE AT [www.tolomatic.com](http://www.tolomatic.com)  
or call Tolomatic at 1-800-328-2174. We will provide any assistance needed to determine the proper actuator for the job.

## ACTUATOR ORIENTATION

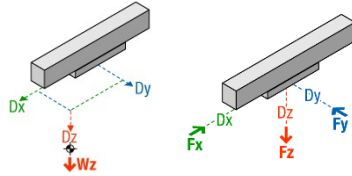
Horizontal Carrier (Up)



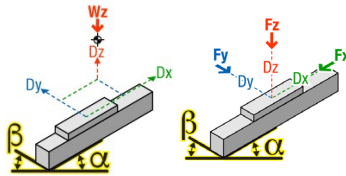
Vertical-Motor End Up



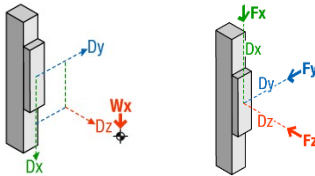
Horizontal Carrier (Down)



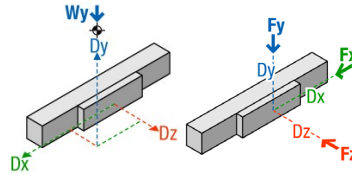
Angled Carrier



Vertical-Motor End Down



Side Carrier Plate



$\alpha$  angle: \_\_\_\_\_ degrees

$\beta$  angle: \_\_\_\_\_ degrees

## ACTUATOR REQUIREMENTS

Stroke length: \_\_\_\_\_  inches  millimeters

No. of Cycles: \_\_\_\_\_  per minute  per hour

Actuator to Hold Position:  required  not required

If Hold Required:  after move  during power loss

Motor:  Third Party Motor  Tolomatic Motor

## APPLICATION ENVIRONMENT

Ambient Temperature: \_\_\_\_\_  °F  °C

Actuator Environment Description and Ingress Protection Requirements:

## MOTION & FORCES

### Extend

Move Distance: \_\_\_\_\_  in  mm

Move Time: \_\_\_\_\_ seconds

Max. Speed: \_\_\_\_\_  in/s  mm/s

Dwell Time After Move: \_\_\_\_\_ seconds

### Load

Load: \_\_\_\_\_  lb  kg

Supported by Actuator: \_\_\_\_\_ %

Center of Load:

$D_x$ : \_\_\_\_\_  in  mm

$D_y$ : \_\_\_\_\_  in  mm

$D_z$ : \_\_\_\_\_  in  mm

Assign to Moves:  Extend  Retract

### Retract

Move Distance: \_\_\_\_\_  in  mm

Move Time: \_\_\_\_\_ seconds

Max. Speed: \_\_\_\_\_  in/s  mm/s

Dwell Time After Move: \_\_\_\_\_ seconds

### Force

Force: \_\_\_\_\_  lbf  N

Force Direction:  Toward  Away

Direction of Applied Force:   $F_x$    $F_y$    $F_z$

Center of Applied Force:

$D_x$ : \_\_\_\_\_  in  mm

$D_y$ : \_\_\_\_\_  in  mm

$D_z$ : \_\_\_\_\_  in  mm

Assign to Moves:  Extend  Retract

9900-9243

FAX 1-763-478-8080

**Tolomatic**<sup>TM</sup>  
EXCELLENCE IN MOTION

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[help@tolomatic.com](mailto:help@tolomatic.com)