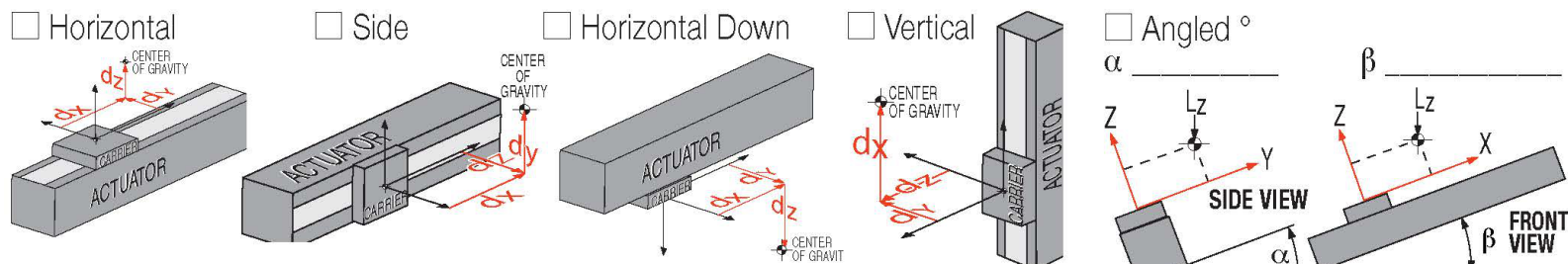


Electric Rodless Actuator Application Worksheet

USE THE TOLOMATIC SIZING AND SELECTION SOFTWARE AVAILABLE ON-LINE AT 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



☐ Load supported by actuator OR ☐ Load supported by other mechanism

MOVE PROFILE

EXTEND

Move Distance: _____ ☐ inches ☐ millimeters

Move Time: _____ seconds

Max. Speed: _____ ☐ in/sec ☐ mm/sec

Dwell Time After Move: _____ seconds

Load: _____ ☐ lbs ☐ kgs

Force: _____ ☐ lbs ☐ kgs

RETRACT

Move Distance: _____ ☐ inches ☐ millimeters


Move Time: _____ seconds

Max. Speed: _____ ☐ in/sec ☐ mm/sec

Dwell Time After Move: _____ seconds

Load: _____ ☐ lbs ☐ kgs

Force: _____ ☐ lbs ☐ kgs

 NOTE: If load or force changes during cycle use the highest numbers for calculations.

LOAD CENTER OF GRAVITY

Load Distance From Carrier to Load Center of Gravity:

d_x _____ ☐ inches ☐ millimeters

d_y _____ ☐ inches ☐ millimeters

d_z _____ ☐ inches ☐ millimeters


MOTOR

☐ Use Tolomatic Motor ☐ Use Other Motor

When using a motor other than Tolomatic supply:

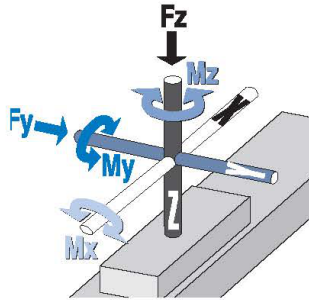
Tolomatic Your Motor Here Code: _____

Supply Additional Motor Information:

 for calculations

BENDING MOMENTS APPLIED TO CARRIER

F_x _____ ☐ inches ☐ mm
 F_y _____ ☐ inches ☐ mm
 M_z _____ ☐ inches ☐ mm
 M_y _____ ☐ inches ☐ mm



OPERATING ENVIRONMENT

Describe Temperature, Contamination, Water, Etc.:

ACTUATOR REQUIREMENTS

Stroke Length: _____ ☐ inches ☐ millimeters
Repeatability: _____ ☐ inches ☐ millimeters
No. of Cycles: _____ ☐ per minute ☐ per hour
Actuator to hold position: ☐ Required ☐ Not Required
 If hold required: ☐ After Move ☐ During Power Loss

CONTACT INFORMATION

Name: _____
 Company: _____
 Address: _____
 Email: _____
 Phone: _____

FAX 1-763-478-8080

EMAIL help@tolomatic.com