

Electric Rod-Style 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

Horizontal Vertical Incline ° α

Horizontal Horizontal Side Vertical Incline ° α

Load supported by actuator OR Load supported by other mechanism

MOVE PROFILE

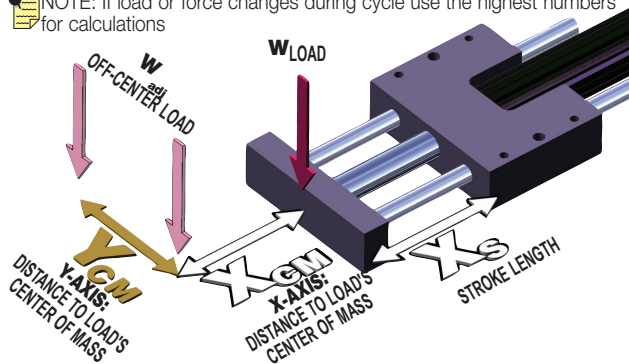
EXTEND

Move Distance: _____ inches millimeters
 Move Time: _____ seconds
 Max. Speed: _____ in/sec mm/sec
 Dwell Time After Move: _____ seconds
Load: _____ lbs kgs
Force: _____ lbf N

RETRACT

Move Distance: _____ inches millimeters
 Move Time: _____ seconds
 Max. Speed: _____ in/sec mm/sec
 Dwell Time After Move: _____ seconds
Load: _____ lbs kgs
Force: _____ lbf N

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



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

LOAD CENTER OF GRAVITY

Distance From Tooling Plate to Load Center of Gravity:

d_x _____ inches millimeters
 d_y _____ inches millimeters
 d_z _____ inches millimeters

MOTOR, POWER & POSITION CONTROL

Use Tolomatic Motor Use Other Motor

When using a motor other than Tolomatic supply:

Tolomatic Your Motor Here Code: _____

Supply Additional Motor Information: _____

Power Supply: Amp _____ 24 Vdc 48 Vdc

Position Control:

Manual Jog External Control Signal Programmable
 Via Position Sensors PLC via I/O

OPERATING ENVIRONMENT

Describe Temperature, Contamination, Water, Etc.:

CONTACT INFORMATION

Name: _____

Company: _____

Address: _____

Email: _____

Phone: _____