

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-Motor End Up
 Angled
 Vertical-Motor End Down



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

Retract

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: _____ %

Moment Prevention: Guided/Supported

Center of Load:

D_x: _____ in mm

D_y: _____ in mm

D_z: _____ in mm

Assign to Moves: Extend Retract

Force

Force: _____ lb_f N

Force Direction: Toward Away

Direction of Applied Force: F_x F_y F_z

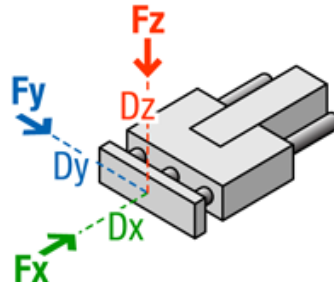
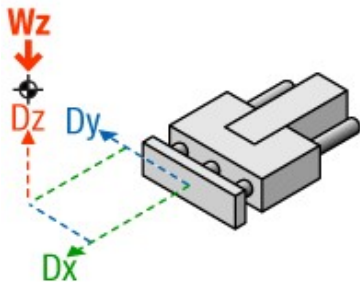
Center of Applied Force:

D_x: _____ in mm

D_y: _____ in mm

D_z: _____ in mm

Assign to Moves: Extend Retract



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EXCELLENCE IN MOTION

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