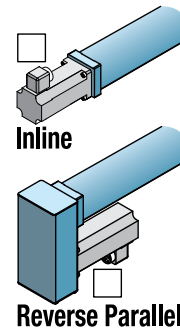# APPLICATION DATA WORKSHEET
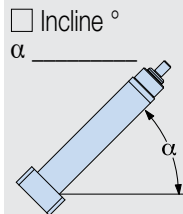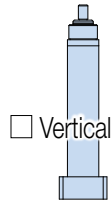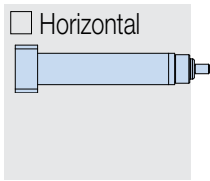
Fill in known data. Not all information is required for all applications

ORIENTATION

☐ Horizontal

☐ Vertical

☐ Incline °
α _____

Inline

Reverse Parallel

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

MOVE PROFILE

EXTEND

Move Distance _____
☐ inch   ☐ millimeters
(US conventional)   (Metric)

Move Time _____ **sec**
Max. Speed _____
☐ in/sec   ☐ mm/sec

Dwell Time After Move _____ **sec**

RETRACT

Move Distance _____
☐ inch   ☐ millimeters

Move Time _____ **sec**
Max. Speed _____
☐ in/sec   ☐ mm/sec

Dwell Time After Move _____ **sec**

NO. OF CYCLES _____
☐ per minute   ☐ per hour

HOLD POSITION?   ☐ **Required**
                          ☐ **Not Required**

☐ After Move   ☐ During Power Loss

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

EXTEND		RETRACT	
LOAD _____		**LOAD** _____	
☐ lb.	☐ kg.	☐ lb.	☐ kg.
(U.S. Standard)	(Metric)	(U.S. Standard)	(Metric)
FORCE _____		**FORCE** _____	
☐ lbf.	☐ N	☐ lbf.	☐ N
(U.S. Standard)	(Metric)	(U.S. Standard)	(Metric)

STROKE LENGTH _____
☐ inch   ☐ millimeters
(US conventional)   (Metric)

PRECISION
Repeatability _____
☐ inch   ☐ millimeters

OPERATING ENVIRONMENT
Temperature, Contamination, Water, etc.

_____
_____
_____

MOTION PROFILE

+ Speed (_____)

Time or Distance (_____)

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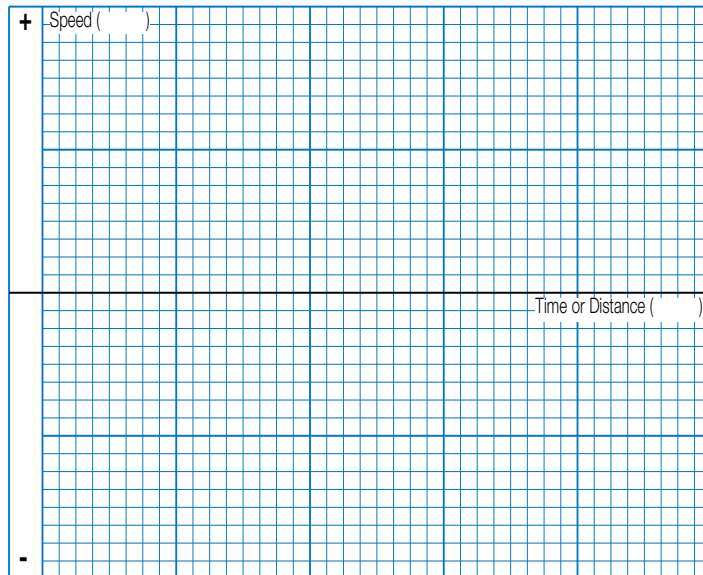
Graph your most demanding cycle, including accel/decel, velocity and dwell times. You may also want to indicate load variations and I/O changes during the cycle. Label axes with proper scale and units.

CONTACT INFORMATION
Name, Phone, Email
Co. Name, Etc.

_____
_____
_____

ACTUATOR SIZING

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.

FAX 1-763-478-8080   **EMAIL help@tolomatic.com**