

Pneumatic Actuator Application Worksheet

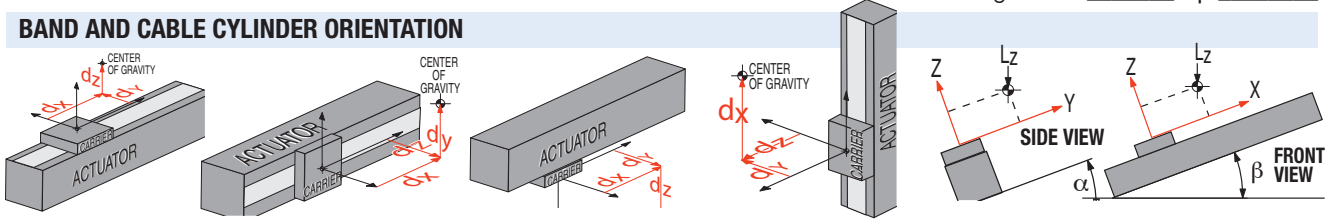


Call Tolomatic at 1-800-328-2174. We will provide any assistance needed to determine the proper actuator for the job.

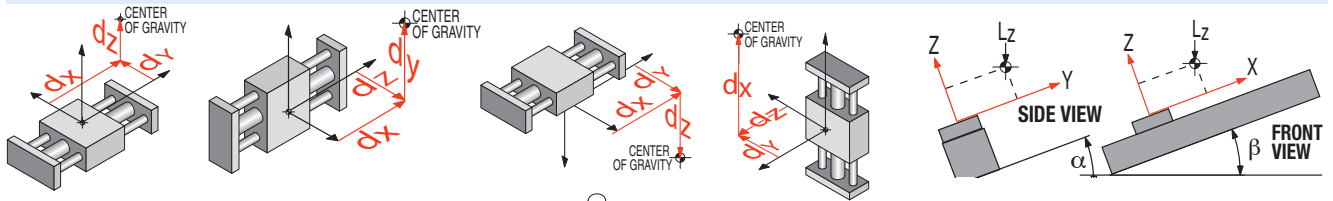
ACTUATOR ORIENTATION

- Horizontal
 Side
 Horizontal Down
 Vertical
 Angled ° α _____ β _____

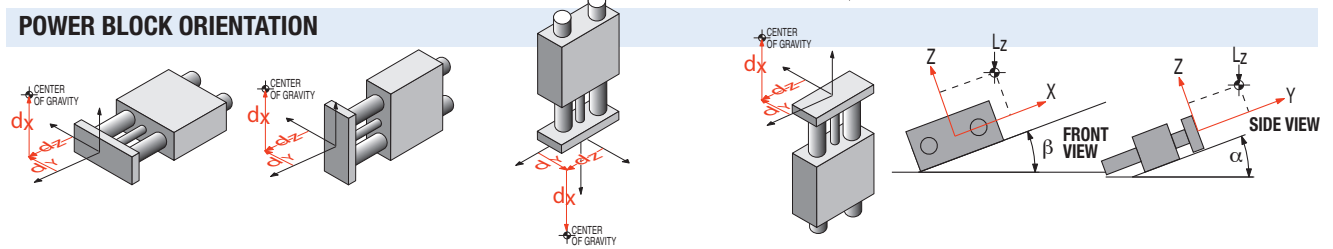
BAND AND CABLE CYLINDER ORIENTATION



MAGNETICALLY COUPLED CYLINDER ORIENTATION



POWER BLOCK ORIENTATION



ACTUATOR REQUIREMENTS

- Stroke Length:** _____ inches millimeters
Available Air Pressure: _____ PSI Bar
Required Thrust Force: _____ lbf N
Load: _____ lbs kg

FORCES AND MOMENTS APPLIED TO CARRIER

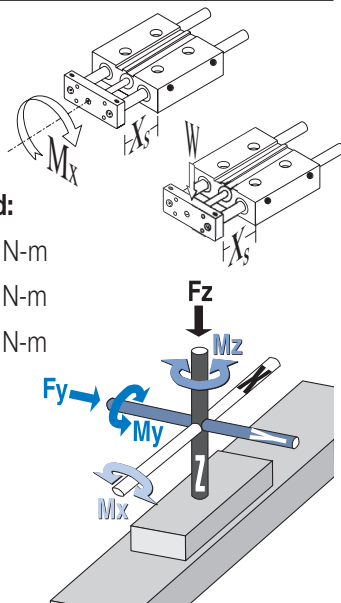
Forces Applied:

- F_z _____ lbf N
 F_y _____ lbf N

Bending Moments Applied:

- M_x _____ in-lbs N-m
 M_y _____ in-lbs N-m
 M_z _____ in-lbs N-m

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



LOAD CENTER OF GRAVITY

Load Center of Gravity Distance to Carrier Center:

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

VELOCITY / MOVE / CYCLES

Final Velocity : _____ in/sec mm/sec

Move Time in Seconds: _____

No of Cycles: _____ per minute per hour

OPERATING ENVIRONMENT

Describe Temperature, Contamination, Water, Etc.:

CONTACT INFORMATION

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