Electric Rodless Sizing

Stroke:
Operating speed:
Pushing or Positioning:
Acceleration:
Decceleration:
Pushing speed:
Pushing distance:
Pushing force:
Actuator mounting condition: (see illustration) Horizontal
The distance of the center of mass of the load on the X,Y, and Z axis from the center top of the carriage: (see below)
X=
Y=
Z=
Weight of the load:
If actuator is to be operated in conjunction with a conveyor, set of external linear bearings, or it is subject
to any other external forces, these items must be known in details (friction coefficient between load and
conveyor surface, etc.)
A load diagram gives us a better idea of what forces will be acting on the actuator. The following formats
are in preferential order:
1) SolidWorks
2) AutoCad
3) A hand drawn diagram complete with all dimensions.