Information required for sizing Rodless Actuators:

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| Stroke? |
| Operating Pressure? |
| Operating speed? (Time to travel the stroke length?) |
| Actuator mounting condition? Parallel, Wall, Ceiling, or Vertical? (see illustration) |
| 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 tooling? |
| Weight of the work piece? |
| 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. |