

MX Sizing Template

MX p/n?

Stroke?

Operating pressure?

Operating speed? (Time to travel the stroke length?)

Actuator mounting condition? Parallel, Wall, Ceiling, or Vertical? (see illustrations)

The distance of the center of mass of the load on the Lx, Ly, and Lz axis from the center top of the carriage?

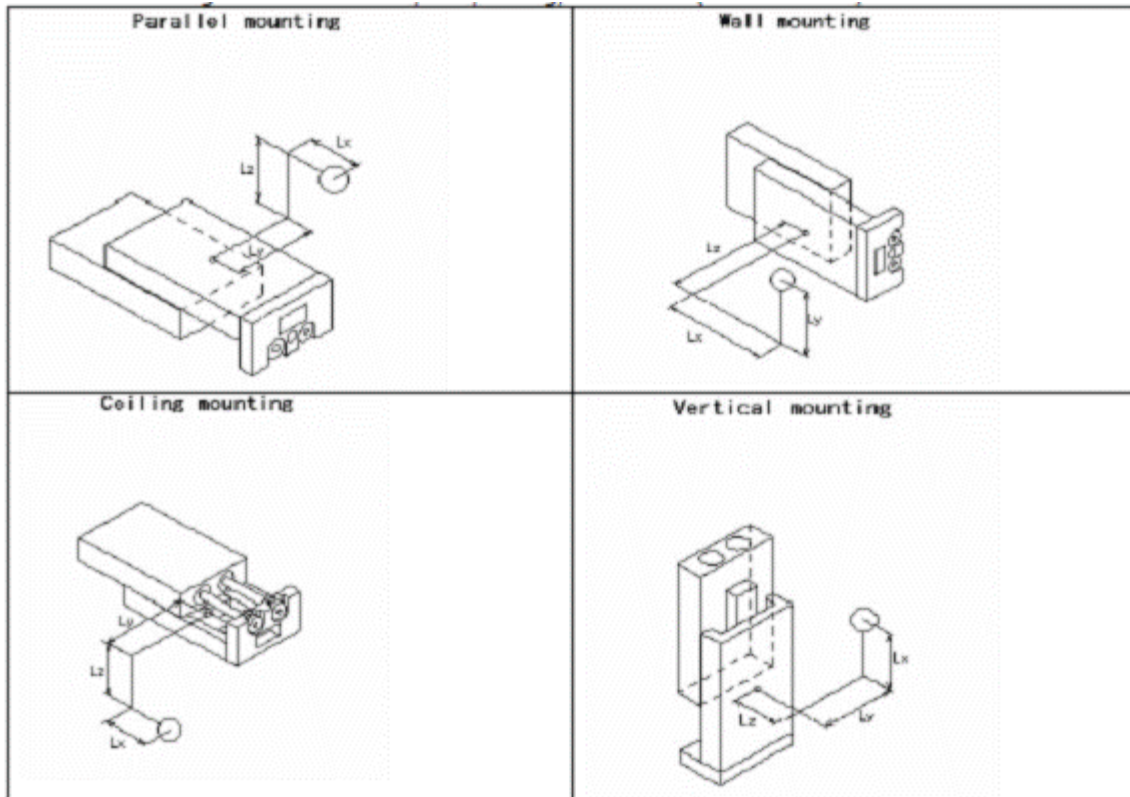
Lx=

Ly=

Lz=

Weight of Tooling?

Weight of Workpiece?



If actuator is to be operated in conjunction with a level, conveyor, set of external linear bearings, or it is a subject to any other external forces, these items must be known in details.

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, (neatness counts).