



When sizing an application, several key factors need to be examined. **Considering aspects such as load, orientation, speed, travel, precision, environment, and duty cycle will help you select the right module for your specific application.** Use the questions below, along with Bosch Rexroth's selection and sizing tool, LinSelect, to kickstart your project with the proper components.

### Load



What load is the module carrying, or what thrust force will the module apply?

How is the load oriented in relation to the carriage (overhung to the side, in front, etc.), and by how far?

### Orientation



Is the module horizontal (carriage up or down), on its side, or vertical?

### Speed



Is the move profile triangular or trapezoidal? What are the maximum (or average) velocity and acceleration rates?

### Travel



What stroke is needed? Are there any overall size constraints?



### Precision

Is there a specific flatness, straightness of travel, positioning accuracy, or repeatability requirement?



### Environment

Will the environment consist of dust, chips, liquids, temperature extremes, etc.?



### Duty Cycle

What will the duty cycle be (ex: 8 hrs/day, 24 hrs/day, etc.)?

