

SELECTION GUIDE

USERS GUIDE

FOR SELECTING A SUPERCYLINDER

Define the application's operating parameters:

- CapacityThe force required to move and hold the load
- VoltageAC motor voltage needed to operate the actuator
- TravelDistance or range of motion
- SpeedThe rate at which the linear actuator moves the load
- Duty CyclePercentage of time an actuator is in motion relative to total time
- OrientationRelative position or direction in which the force is applied
- EnvironmentSurrounding conditions in which the system will operate

Once you determine the linear actuator specifications, selection of an actuator model can be simplified by using the Quick Reference Table on page 6-7.

