

# / BE Series

## Do's and Don'ts

### **Do :**

1. Use a linear power supply, 24-48VDC
2. Protect the iBE motor from harsh environments  
(Operating Range: -10 to 25 C ambient, 0-85% humidity, non-condensing)
3. Use hard end of travel limit switches to prevent motion beyond mechanical limits
4. Use a hard wired Estop to remove power to the iBE motor in an emergency
5. Use a mechanical braking system to stop the iBE from free-wheeling in the event of a loss of power
6. Refer to the manual section on Troubleshooting Tips in the event something is not working correctly

### **Don't :**

1. Power the iBE with 120VAC
2. Use a switching power supply
3. Reverse the power and ground connections
4. Back drive the iBE or use in a vertical application without a shunt regulator
5. Use 24V I/O modules directly with the iBE (possible with cable 71-020911-15)
6. Exceed the 5VDC I/O ratings of: 5VDC, 15mA sink, 4mA source