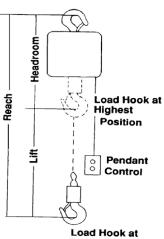
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Hoist Lifting Considerations

To select the proper hoist, consider:

- A. The weight of the load to be lifted including below-the-hook lifting, load supporting and positioning devices.
- B. Physical size of the load.
- C. Lift the vertical distance the load can be moved.
- D. Clearance Considerations.
- E. Lifting Speed Considerations.
- F. Hoist duty Cycle Considerations based on:
 - 1. Number of lifts per hour
 - 2. Total number of lifts per shift
 - 3. Maximum number of starts and stops per hour
 - 4. Number of shifts per day
 - What is the application?
 - What is the capacity required?
 - How long is the lift (in feet)?
 - What is the headroom requirement?
 - What lifting speed is required?
 - Do you require a single-speed, two-speed or Variable Frequency Drive electric hoist?
 - What type of suspension? (rigid hook, swivel hook, lug mount, plain, geared or motor driven trolley)?
 - What trolley speed is required?
 - Is a trolley brake required?
 - What size beam will the trolley operate on?
 - How will the hoist be powered (air, electric, cord reel, conductor bar, festoon, etc.)?
 - What voltage is required? Special electrification needs?
 - What length of pendant cord is required?
 - What control function is required?
 - Is a chain container required?
 - What style of hook?
 - Will the hoist be used under unusual environmental conditions (weatherproofing, acid, heat, or other)?



Load Hook at Lowest Position