IMPORTANT: Verify that the use of a slab foundation conforms to all applicable federal, state and local standards and codes PRIOR to foundation installation.

Plan View
Base enclosure

Elevation (Concrete slab)

NOTES
1. Foundation slab: 14'-3" x 9'-2" x 1'-2" with 3,500 psi concrete.
2. Reinforcing bars are #5 ASTM 615-60 10" o.c. each way.
3. Foundation based on 490-foot mast height. For greater heights, contact Morrow engineering department.
4. Foundation pad designed for a minimum soil bearing of 1,000 psf.
6. Refer to the manufacturer’s manual before installing, operating, servicing, repairing, jumping or dismantling hoist.
7. For alternate configurations, contact Morrow Equipment for additional information.
8. 3/4" x 17" Williams™ High Tensile Spin-Lock Anchor Bolt and nut assembly (R1S06C14 Head assembly with ASTM A109/C1045 bolt and nut) approved equivalent. Bolt by contractor. Install according to bolt manufacturer’s requirements. Drill holes 1 3/4-in diameter allowing for 11" embedment. Bolt is also available through Morrow upon request. R1S-type anchor bolts not intended for use at extreme cold temperatures.
9. 1/2" x 3" x 3" sq. washer ASTM A36 steel plate by contractor. Washer also available from Morrow upon request. Drill hole = 13/16" dia. at centerline.
IMPORTANT: ANSI A10.4 11.3 specifies a 1/2" (min.) to 2 1/2" (max.) clearance between car platform sill and landing sill. Verify before installing to assure compliance with appropriate standards, codes and regulations.

Note: Hoist cars are equipped with doors at each end. An optional side door with a 10'-6" x 6'-7" opening is available. Contact Morrow for more information.

Note: The tie-in connections shown below are examples of typical installations. Please note, however, that factors affecting the type of tie-in to be used may vary due to project specific criteria.

Verify all dimensions before installation. See Manual for additional information or contact Morrow.

Standard Mast Tie
Plan view

Extended Mast Tie*
Plan view

Mast Tie Connection
Alternate A – Side view

Mast Tie Connection
Alternate B – Side view

*Note: Tie extension sets are available. Verify which set is to be installed and refer to manual for length and width dimensions.
**SPECIFICATIONS**

**GENERAL**
- Load capacity: 6,200 lbs
- Number of passengers: 30
- Car inside dimensions (approx.): 12'-2" x 4'-11" x 7'-3"
- Door opening: 6'-7" x 4'-11"
- Mast section length: 4'-11 3/8"
- Speed: 0 - 157 fpm
- Motors: 3 x 15 hp
- Power requirement: 480 Volt - 3 phase - 60 Hz

**WEIGHTS**
- Base enclosure (without car): 2,330 lbs
- Base enclosure (with car): 7,700 lbs
- Hoist car (only): 5,370 lbs
- Mast section (single rack): 286 lbs

**SAFETY FEATURES**
- Electronic and mechanical door interlocks on hoist car and base enclosure doors.
- Safety hooks assure hoist car is securely attached to mast.
- Automatic stop and final limit switches limit hoist car travel when reaching end positions.
- Phase failure relay system prevents hoist operation unless correct phase sequence is connected.
- Governor prohibits excessive drive speed.
- Main “ON/OFF” switch lockable to prevent unauthorized operation.
- Spring buffers.
- NO counterweights required.

**INSTALLATION**
- Adding mast sections does not require special equipment.
- For instructions regarding the installation of the model FC 28/37 TD single car hoist, refer to the manufacturer’s manual.
- Specifications and equipment shown are subject to change without prior notification.
- Drawings are for illustrative purposes only. Do not scale.
- This product must be used in a safe manner. Furthermore, the use of this product and its components must be in conformance with manufacturer’s specifications and in compliance with all applicable standards, codes, regulations, etc.

Please refer to manufacturer’s manual when installing, operating, servicing, repairing, jumping or dismantling hoist. This datasheet contains information for “typical” FC 6200-12 installation, i.e., configured for car on left-hand side of mast (when viewing hoist from side opposite structure). For alternate configurations and special applications, contact Morrow Equipment for information.