

NOV 3242F - Single Construction Hoist

SPECIFICATIONS



Capacity & Weight

Load Capacity w/o counterweight	7,200 lb (3,270 kg)
Load Capacity w/ counterweight	8,000 lb (3,600 kg)
Standard Lifting Speed	230 fpm (1.17 m/s)
Base Unit Weight	12,200 lb (5,545 kg)
Car Weight	4,850 lb (2,200 kg)
Tower Weight (5' section)	440 lb (200 kg)
Configuration	Single

Dimensions

Car Interior Width	4'11" (1.5 m)
Car Interior Length	13' - 6 1/4" (4.12 m)
Car Interior Height*	8' 2" (2.49 m)
End Door Opening	4'-10 7/8" (1495 mm) x 7' 1/2" (2150 mm)
"C" Car Door Opening	10'-6 3/8" (3210 mm) x 6'-10" (2100 mm)
Wall Tie Spacing	30' Maximum

Drive Details

Power Required	480 V, 3 Phase, 60 Hz
Motor	3 x 20 HP (15 kW)
Variable Frequency Controller	(90 kW)
Full Load Current - Each Car	140 A
Required Disconnect - Each Car	150 A
Lighting Circuit	110 V, 1 Phase, 60 Hz
Power Cable Guide System	Cable Trolley & Guides
Brake	Spring-Set Multi-disc brake

DETAILS

- Fully Assembled Enclosed Car
- Roof-Mounted Industrial Drive System
- Variable Frequency Motor Control
- Painted Mesh Upper Walls
- Marine Grade Aluminum Lower Walls
- Robust Painted Floor, Roof & Frame
- Anti-Slip Painted Floor
- Bi-Swing Landing Doors
- Galvanized Rooftop Handrails
- NEMA 4X Stainless Electrical Enclosures
- Rooftop Inspection Station
- Over Speed Safety Governor
- Manual Lowering
- Two Vertically Bi-Parting Door
- Manual Hand Lever Control
- Base Fence Enclosure w/ Bi-Parting Door
- Power Cable
- Power Cable Trailing Wheel & Guides
- Interior Car Lighting
- Interlocked Roof Hatch & Convenience Ladder
- Base Frame & 20' (6.1 m) Galvanized Tower
- Base-Level Buffers & Galvanized Buffer Stand

OPTIONS

- Base Landing Platform & Stairs
- Base Power Disconnect (480V)
- Counterweight
- Custom Coatings & Materials
- Explosion Proof
- Erection Crane
- Automatic Control
- Various Landing & Car Door Configurations

FOUNDATION INFORMATION

- Recommended foundation is 12" thick, 4,000 psi concrete pad with #5 rebar on 10" centers located 3" from bottom.
- Assumes compacted soil of 2,000 psf

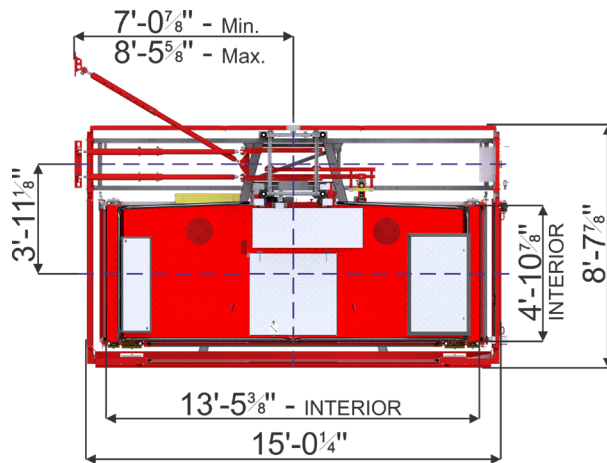


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ADDITIONAL INFORMATION

- Code Compliance: ANSI A10.4
- The car and hoistway dimensions are only for information, the sizes can be changed to meet the customer requirements.
- Use of products must conform to safe practice and applicable statutes, regulations, codes and ordinances.
- Drawings and components are illustrative only and do not necessarily depict exact configurations of products offered at a particular time.
- *The car interior is 8'2" but there are some ceiling area obstructions at 7'11".
- Loading height is 4'7" above top of foundation.

Plan View "S" Mast



Face Mount

