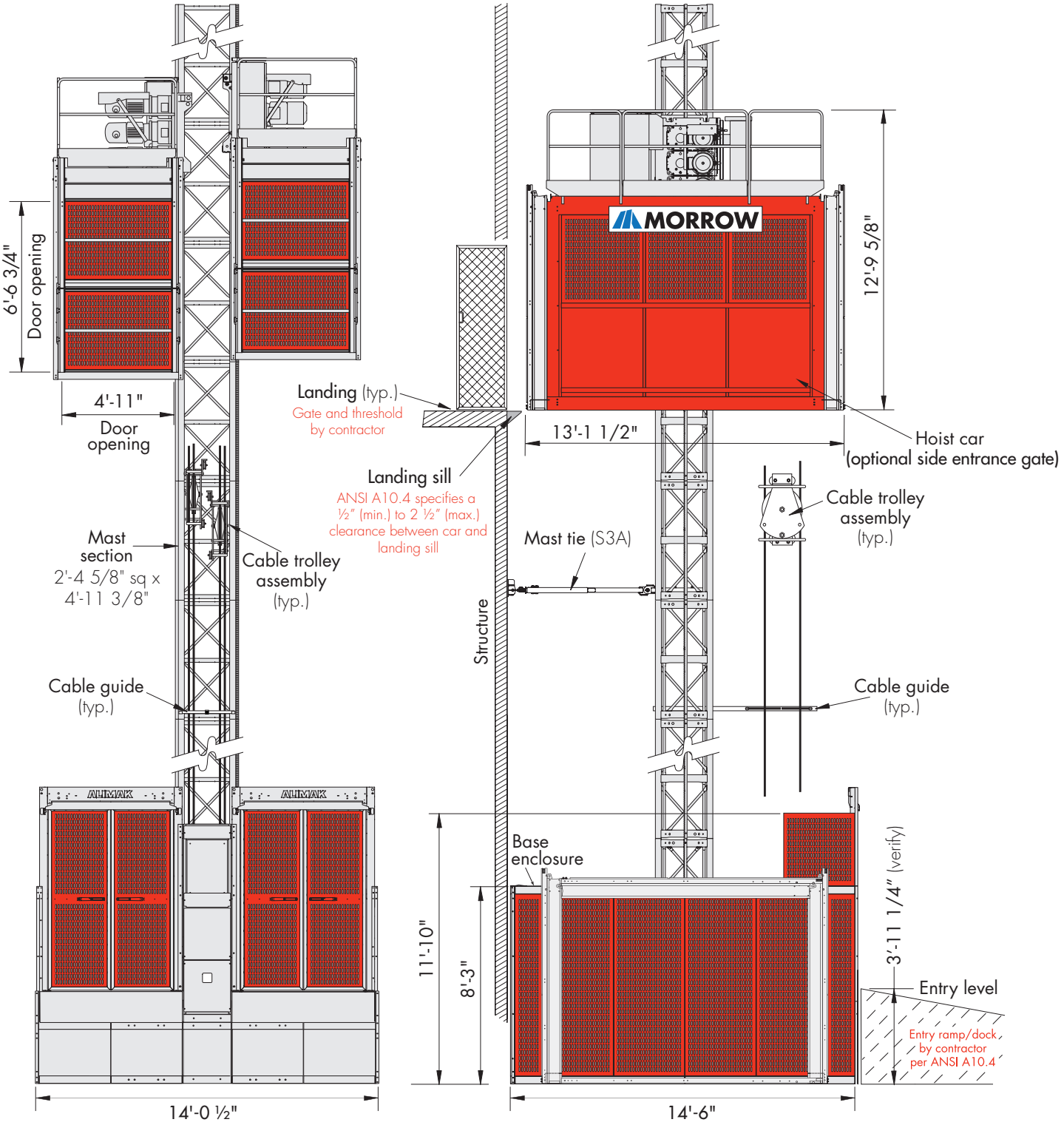
Alimak FC 7100-12D

Model 650 FC 32/39 Dual Car Construction Hoist



SPECIFICATIONS

Meets the Requirements of ANSI A10.4

GENERAL

Max. load capacity[1] ..... 7,100 lbs (per car)
Max. freestanding mast height[2] ..... 30'-0"
Max. untied mast overhang[3] ..... 30'-0"
Max. mast tie spacing[3] ..... 30'-0"
Minimum mast tie spacing[3] ..... 19'-8"
Max. standard lifting height[4] ..... 660'
Number of passengers ..... 29 (per car)
Car inside dimensions (approx.) ..... 12'-9" x 4'-11" x 7'-6 1/2"
Side gate opening (if equipped) ..... 6'-6 3/4" x 10'-6"
Mast section length ..... 4'-11 3/8"
Speed ..... Up to 175 fpm

[1] Maximum capacity of 7,100 lbs to a lifting height of 300'. Contact Morrow Equipment for specific capacities at greater lifting heights.
[2] Requires use of an embedded foundation frame in lieu of mast anchor expansion bolts. See operation manual or contact Morrow engineering for specific information. Foundation anchorage provided by customer.
[3] Maximum untied mast overhang and mast tie spacing dimensions vary subject to installation conditions, manufacturer specifications, and regulatory compliance. See manufacturer data or contact Morrow Equipment for specific information.
[4] Greater lifting heights are available. Contact Morrow Equipment for specific information.

WEIGHTS

Base enclosure (without car) ..... 2,358 lbs (per side)
Base enclosure (with one car) ..... 5,640 lbs
Motorpack (3 x 14.7 hp) ..... 1,965 lbs
Hoist car (without motorpack) ..... 3,282 lbs
Mast section (double rack) ..... 300 lbs

ELECTRIC POWER

480 V phase–phase, 277 V each phase to ground with 120° phase shift between phases. 3-phase, 60 Hz power supply plus ground wire. Do not use Open-Delta supply.

Motors (VFD) ..... 3 x 14.7 hp (11 kW) (per car)
Power supply fuses ..... 100 Amps (per car)
Starting current ..... 91 Amps (per car)
Power consumption ..... 66 kVA (per car)