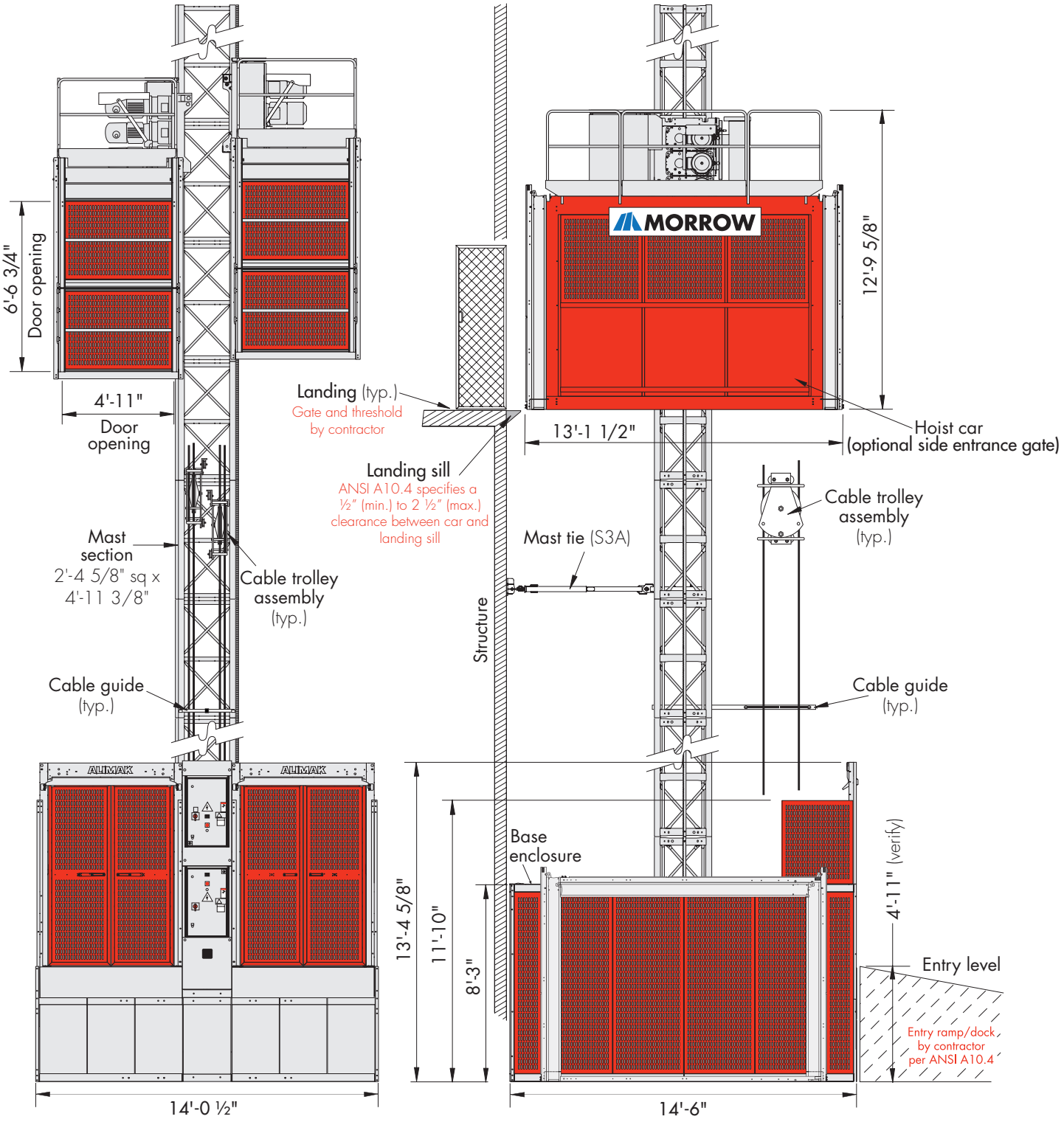
Alimak FC 6800-12D HS

Model 650 FC-S 31/39 Hi-Speed Dual Car Construction Hoist



SPECIFICATIONS

Meets the Requirements of ANSI A10.4

GENERAL

Max. load capacity[1] ..... 6,835 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] ..... 24'-7"
Max. standard lifting height[4] ..... 660'
Number of passengers ..... 30 (per car)
Car inside dimensions (approx.) ..... 12'-9" x 4'-11" x 7'-6½"
Side gate opening (if equipped) ..... 6'-6 3/4" x 10'-6"
Mast section length ..... 4'-11 3/8"
Speed ..... Up to 328 fpm

[1] Maximum capacity of 6,835 lbs to a lifting height of 660'. 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) ..... 2,340 lbs (per side)
Base enclosure (with one car) ..... 8,600 lbs
Motorpack (3 x 30 hp) ..... 2,650 lbs
Hoist car (without motorpack) ..... 3,610 lbs
Mast section (double rack) ..... 298 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 30 hp (22 kW) (per car)
Power supply fuses ..... 200 Amps (per car)
Starting current ..... 185 Amps (per car)
Power consumption ..... 115 kVA (per car)

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