ASCENSION CLARITY MODEL SERIES VERTICAL PLATFORM LIFT WITH RUNWAY ENCLOSURE


2. RATINGS
   2.1 CAPACITY: 750 LB
   2.2 SPEED: 20 FT/MIN
   2.3 DUTY: 168 CYCLE-FT/HOUR (12 CYCLES/HOUR MINIMUM)
   2.4 TRAVEL: 34.00 TO 168.00 AS ALLOWED BY AHJ.

3. DRIVE & ELECTRICAL
   3.1 DRIVE TYPE: 2:1 CHAIN HYDRAULIC
   3.2 SUSPENSION: 4X #50 ANSI ROLLER CHAINS
   3.3 MOTOR: 24VDC, 3 HP
   3.4 ELECTRICAL: 120VAC, 60 HZ, 6A, 1-PHASE.
   3.5 ALL CONTROL CIRCUITS 24VDC.
   3.6 FULL-TIME BATTERY OPERATION WITH CHARGING.
   3.7 MANUAL LOWERING PULL HANDLE WITH ACCESS LOCK PROVIDED STANDARD AT UPPER LANDING.

4. SITE CONSIDERATIONS
   4.1 DO NOT PROVIDE PIT OR RAMP. LOW-PROFILE PLATFORM FLOOR MEETS ADA REQUIREMENTS AS ENTRY THRESHOLD.
   4.2 UPPER LANDING PLATE, .25 THICK, ANCHORS TO TOP OF UPPER LANDING FLOOR SURFACE.
   4.3 REFER TO ASCENSION CLARITY STRUCTURAL LOADING DOCUMENT FOR STRUCTURAL AND ANCHORING REQUIREMENTS.

5. LIGHTING AND COMMUNICATIONS
   5.1 PRIMARY LIGHTING TO BE PROVIDED BY OTHERS IN ACCORDANCE WITH ALL APPLICABLE CODES AND REGULATIONS.
   5.2 ACCENT AND AUXILIARY LIGHTING PROVIDED STANDARD ON PLATFORM CONTROLS AND FLOOR.
   5.3 OPTIONAL HANDS-FREE AUTODIALING TELEPHONE ON PLATFORM.

6. ALTERNATE DOOR HANDLING AVAILABLE. CONTACT ASCENSION FOR PROJECT-SPECIFIC DRAWINGS.
CLARITY LOADING - OPPOSING ENTRY & EXIT (16E, 16S)

(GENERIC APPLICATION DEPICTED; ENCLOSURE AND PLATFORM NOT SHOWN)

FRONT VIEW

SIDE VIEW

TOP VIEW

C'SNK ANCHOR LOCATIONS AND ENCLOSURE ANCHOR LOCATIONS

GENERAL INFORMATION

1. LOADS LISTED ASSUME STATIC LOADING AND DO NOT INCLUDE CONSIDERATIONS FOR WIND, SEISMIC, OR SAFETY FACTOR.

2. VERIFY ALL ANCHOR LOCATIONS IN FIELD PRIOR TO DRILLING. DRILL AFTER POSITIONING CABINET.

TOTAL UNIT WEIGHT

16E: 1200 LB MIN
2200 LB MAX

16S: 1000 LB MIN
1600 LB MAX

(EXCLUDING 750 LB RATED LOAD AND COMPONENTS BY OTHERS)

3X Ø1/2" CSK BOLTS SHEAR LOAD OF 700 LBF PER FASTENER

2X Ø1/2" ANCHORS PER CROSSPIECE PULLOUT FORCE OF 700 LBF PER ANCHOR

38.13

2X Ø1/2" ANCHORS PULLOUT FORCE OF 200 LBF PER ANCHOR (16E ONLY)

20.00

FACE OF LANDING

ENCLOSURE FOOTPRINT (48.13" X 67.38")

200 LBF PER ANCHOR ENCLOSURE ANCHOR LOCATIONS (16E ONLY)

8.75

2X 24.00 TYPICAL

2X 25.00

.50±.38 TO ADJUST TO UPPER LANDING

(COVER PANELS HIDDEN THIS VIEW)

TOTAL UNITWEIGHT

2X 24.00

2X 25.00

3X Ø1/2" CSK BOLTS SHEAR LOAD OF 700 LBF PER FASTENER

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