Hydraulic Platform Lift Standard Layout & Builders Work 1400 x 1100
Platform Front Opening with Upper Gate

13 SP+N Supply to be terminated in an isolator adjacent to the control cubicle together with a BT Telephone point

Control cubicle to be located within 5m of the inlet to the cylinder. 700 Clear working space to be provide to the front of the enclosure

Type: Detailed Access Platform Lift
Drive: Hydraulic side direct acting
Rated Load: 400 Kg
Travel: Maximum of 6.0 metres
No. of Stops: Maximum of 2 Stops
Configuration: Front Opening
Supply: 230v 1 Phase 50 Hz
Running Current: 4.5 amps
Starting Current: 18 amps
Enclosure: Steel/Glazed Panels
Door Type: Steel with Glazed Insert
Door Fire Rating: None

Issued for information only
CONSTRUCTION NOTES

THE FOLLOWING WORK SHALL BE COMPLETED PRIOR TO LIFT INSTALLATION PROCEDURE.
ENSURE THE BUILDING FABRIC CAN WITHSTAND THE LOADS AS SHOWN.

WORKS BY OTHERS

1. Form a base bearing pit to the dimensions shown. If the lift is external make provision to prevent standing water in the pit.
2. Provide a plumb foot print for the lift to the dimensions shown.
3. Provide a fixing point at the upper threshold for the lift fittings. Push pull load 130kg.
4. Provide a dedicated SPAN supply terminated in a shockable isolator as shown at your lower level.
5. Dedicated analogue telephone at the adjacent to the isolator.
6. Provide a 130 diameter duct or trunking from the control cubicle to the long side of the lift shaft level.
7. Clear access to the installation area.
8. Assistance with offloading and distribution of the lift equipment.
9. Storage area close to the lift installation.
10. Full protection at the upper levels.
11. Clear working area for installation.
12. Welfare facilities.
13. 110v power for tooling.
14. 230v external rated with socket outlet close to the lift for future maintenance operations.
15. 50lux illumination at both levels for code compliance.
16. 200lux illumination at floor level in front of the control cubicle.
17. 130v lighting at both levels for disabled access.

TECHNICAL SPECIFICATION

1. CONTRACT LOAD 400Kg
2. PLATFORM SPEED IF TRAVEL EXCEEDS 1430mm 0.1ms
3. CONTROL SYSTEM VOLTAGE 24v
4. POWER SUPPLY 240v 13A

ELECTRICAL DATA

1. MOTOR 0.55kW
2. STARTING CURRENT 16A
3. RUNNING CURRENT 4.5A

FINISHES

1. Lift Enclosure TBA at contract stage
2. Doors and Frames TBA at contract stage
3. Control Box BZ 23 B15 Pearl Gray
4. Carriage Centre Covers Standard Anthraclce (contrast for compliance)
5. Carriage Side Panels Standard Pearl (contrast for compliance)
6. Carriage Floor Black Studied Rubber

CONTROL CABINET INFORMATION

OUR CONTROL CABINET WILL BE A WEATHER PROOF CONSTRUCTION TO IPS STANDARD AND SHALL BE MOUNTED IN A SUITABLE POSITION NOT MORE THAN 5M FROM THE GUIDE BASE PLATE.

BUILDER TO INSTALL A PLASTIC DUCT 100 X 100 FROM THE CUBICLE TO THE LIFT SHAFT AREA. THERE SHALL BE ADEQUATE LIGHTING AND ACCESS TO THE CONTROL CABINET FOR MAINTENANCE AND EMERGENCY PROCEDURES TO BE CARRIED OUT

WEIGHT: 90 - 140 Kg's

ENCLOSURE LOADING DIAGRAM

DENOTES THE POINT AT WHICH THE HYDRAULIC RAM IS PLACED.

THE OVERALL ENCLOSURE WEIGHT IS DEPENDANT ON THE FLOOR TO FLOOR TRAVEL DIMENSION.

THE ENCLOSURE LOADING DIAGRAM IS SHOWN FOR INFORMAL PURPOSES ONLY, AND IS BASED ON A LIFT OF 6000mm FFL / FFL AND AN ENCLOSURE WEIGHT OF 1750Kgs.

LIFT ENTRANCE DOOR

FLOOR FIXING BY LIFT ENGINEER M8 X 50

PULL OUT LOAD 100KG PER FIXING

LIFT ENCLOSE WALL PANEL

LIFT THRESHOLD PLATE BY LIFT ENGINEER

Make provision for the lift enginer to fix the bottom of the guide frame to the base.
The fixings will be M12 parabolics 90 deep.
No standing water on the base.

Drillings

Base Dimensions and Guide Frame

Niche Lifts Ltd

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Do not seal this drawing. All dimensions in millimetres

Drawing number 2102/1

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