Hydraulic Platform Lift Standard Layout & Builders Work 1250 x 900 Platform Through Opening

Type: Disabled Access Platform Lift
Drive: Hydraulic side direct acting
Rated Load: 400 Kg
Travel: Maximum of 8.0 metres
No. of Stops: Maximum of 4 Stops
Configuration: Through Car
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

Threshold Fixings
2150 mm Clearance
827 CTRs

939 Guides

1009 Platform

805 Clear Access Typical

Bottom Level

805 Platform

Top Level

1250 Platform

13 SPIN 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

Issued for information only

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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 provisions 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 1000kg.
4. Provide a dedicated SP&N supply terminated in a bussable isolator as shown at the lower level.
5. Dedicated analogue telephone adjacent to the isolator.
6. Provide a 150 diameter duct or trunking from the control cubicle in to the long side of the lift at the lower level.
7. Clear access to the installation area.
8. Assistance with off loading 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 noshoc plier 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. 1900 turning circle at both levels for disabled access.

CONTROL CABINET INFORMATION

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

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 600mm FFL / FFL AND AN ENCLOSURE WEIGHT OF 1750kgs.

TECHNICAL SPECIFICATION

1. CONTRACT LOAD
2. PLATFORM SPEED IF TRAVEL EXCEEDS 1430mm
3. CONTROL SYSTEM VOLTAGE
4. POWER SUPPLY

400Kg
0.1 m/s
240V
240V 13A

ELECTRICAL DATA

1. MOTOR
2. STARTING CURRENT
3. RUNNING CURRENT

0.55KW
16A
4.5A

FINISHES

1. Lift Enclosure
2. Doors and Frames
3. Control Box
4. Carriage Centre Covers
5. Carriage Side Panels
6. Carriage Floor

TBA at contract stage
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BS 23 B.15 Pearl Grey
Standard Anthracite (contrast for compliance)
Standard Pearl (contrast for compliance)
Black Studied Rubber

Base Dimensions and Guide Frame

Machine Dimensions and Guide Frame

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Do not seal this drawing. All dimensions in millimetres

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NICH LIFTS LTD Office 15 & 16, 18 Parkly Lane, Brednall, Euxton, Bury, BL1 3BH Tel: 080 8999 2898 Fax: 080 8999 1886
E-mail: contracts@nichelifts.com Web site: www.nichelifts.com

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