Hydraulic Platform Lift Standard Layout & Builders Work 1400 x 900
Platform Through Opening

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: Disabled Access Platform Lift
Drive: Hydraulic side direct acting
Rated Load: 400 Kg
Travel: Maximum of 6.0 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

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 legs. Push pull load 100kg.
4. Provide a dedicated SPBN supply terminated in a lockable isolator as shown at the lower level.
5. Dedicated analogue telephone at the adjacent to the isolator.
6. Provide a 150 diameter duct or trunking from the control cubicle to the long side of the lift at the lower 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. Fall protection at the upper levels.
11. Clear working area for installation.
12. Welfare facilities.
13. 110v power for testing.
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. 1500 turning circle at both levels for disabled access.

TECHNICAL SPECIFICATION
1. CONTRACT LOAD
   400Kg
2. PLATFORM SPEED IF TRAVEL EXCEEDS 1430mm
   0.1m/s
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
   B6 23 B 15 Pearl Gray
4. Carriage Centre Covers
   Standard Anthracite (contrast for compliance)
5. Carriage Side Panels
   Standard Pearl (contrast for compliance)
6. Carriage Floor
   Black Studied Rubber

ENVELOPMENT LOADNG DIAGRAM
3.9 kN
(6.5 kN)
8.7 kN/m EQUIVALENT
LINE LOAD (10.3 kN/m)

NOTE:
ALL LOADS SHOWN IN BRACKETS
INDICATE FACTORED LOADS

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.

Drillings

Base Dimensions and Guide Frame

LIFT THRESHOLD PLATE
BY LIFT ENGINEER

LIFT ENTRANCE DOOR

FLOOR FIXING BY LIFT ENGINEER M8 X 50

PULL OUT LOAD 100KG PER FIXING

LIFT ENCLOSED WALL PANEL

LIFT THRESHOLD FIXING DETAIL

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NICHE LIFTS LTD

Do not scale this drawing. All dimensions in millimetres

DRAWING NUMBER

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