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 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

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Hydraulic Platform Lift Standard Layout 1400 x 1100 Platform Through Car
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 lifts. Push pull load 100kg.
4. Provide a dedicated SPINN supply terminated in a boxable isolator as shown at the lower level.
5. Dedicated analogue telephone the adjacent to the isolator.
6. Provide a 150 diameter duct or trunking from the control cabinet 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. Full protection at the upper levels.
11. Clear working area for Installation.
12. Welfare facilities.
13. 110V power for testing.
14. 230v external rated wall 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 cabinet.
17. 1900 turning circle at both levels for disabled access.

TECHNICAL SPECIFICATION

1. CONTRACT LOAD 400Kg
2. PLATFORM SPEED IF TRAVEL EXCEEDS 1400mm 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 B8 23 B.16 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

CONTROL CABINET INFORMATION

OUR CONTROL CABINET WILL BE A WEATHER PROOF CONSTRUCTION TO PIPES STANDARD AND SHALL BE MOUNTED IN A SUITABLE POSITION NOT MORE THAN 5Mtrs 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

3.9 kN (8.5 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.

Base Dimensions and Guide Frame Drilings

LIFT THRESHOLD FIXING DETAIL

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Hydraulic Platform Lift Standard Layout & Builders Works
1400 x 1100 Platform Front Opening

NICHE LIFTS LTD
Do not seal this drawing. All dimensions in millimetres

DRAWING NUMBER
2101/1
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