Hydraulic Platform Lift Standard Layout & Builders Work 1400 x 1100 Platform Through Car 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: Disabled Access Platform Lift
Drive: Hydraulic side direct acting
Rated Load: 400 Kg
Travel: Maximum of 8.0 metres
No. of Stops: Maximum of 3 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 Raking: None

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Drawing Number: 2103/1
Sheet 1 of 2

Do not scale this drawing. All dimensions in millimetres
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 pad bearing pit to the dimensions shown. If the lift is external, make provision to prevent standing water in the pit.
2. Provide a plum 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 100kg.
4. Provide a dedicated SPBN supply terminal in a lockable isolator as shown at the lower level.
5. Dedicated analogue telephone adjacent to the isolator.
6. Provide a 100mm 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. Full protection at the upper levels.
11. Clear working area for installation.
12. Welfare facilities.
13. 110V power for tools.
14. 230V external rated multipole 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. 1500mm slope 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 B5 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 Studded Rubber

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ENCLOSURE LOADING DIAGRAM

CONTROL CABINET INFORMATION
OUR CONTROL CABINET WILL BE A WEATHER PROOF CONSTRUCTION TO
PSS STANDARD AND SHALL BE MOUNTED IN A SUITABLE POSITION NOT
MORE THAN 5MTRS FROM THE GUARD BASE PLATE.
THE CONTROL CABINET SHALL BE MOUNTED IN A LOCKABLE ISOLATOR.
THE LOADS TO THE CONTROL CABINET SHOWN ARE FACTORED LOADS.
THE OVERALL ENCLOSURE WEIGHT IS DEPENDANT ON THE FLOOR TO FLOOR TRAVEL DIMENSION.

NOTE:
ALL LOADS SHOWN IN BRACKETS INDICATE FACTORED LOADS.
DENOTES THE POINT AT WHICH THE HYDRAULIC RAM IS PLACED.

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 THRESHOLD FIXING DETAIL

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