

Instructions for pit ladder type F according to EN 81

Scope of delivery:

- 1 aluminium step ladder
- 2 ladder suspensions each consisting of:
 - 1 wall suspension
 - 1 spring plate
 - 2 leg springs
 - 1 round bar 400 mm
 - 1 round bar 395 mm
 - 4 safety pins
- 4 plastic dowels
- 4 six-edge screws
- 4 washers

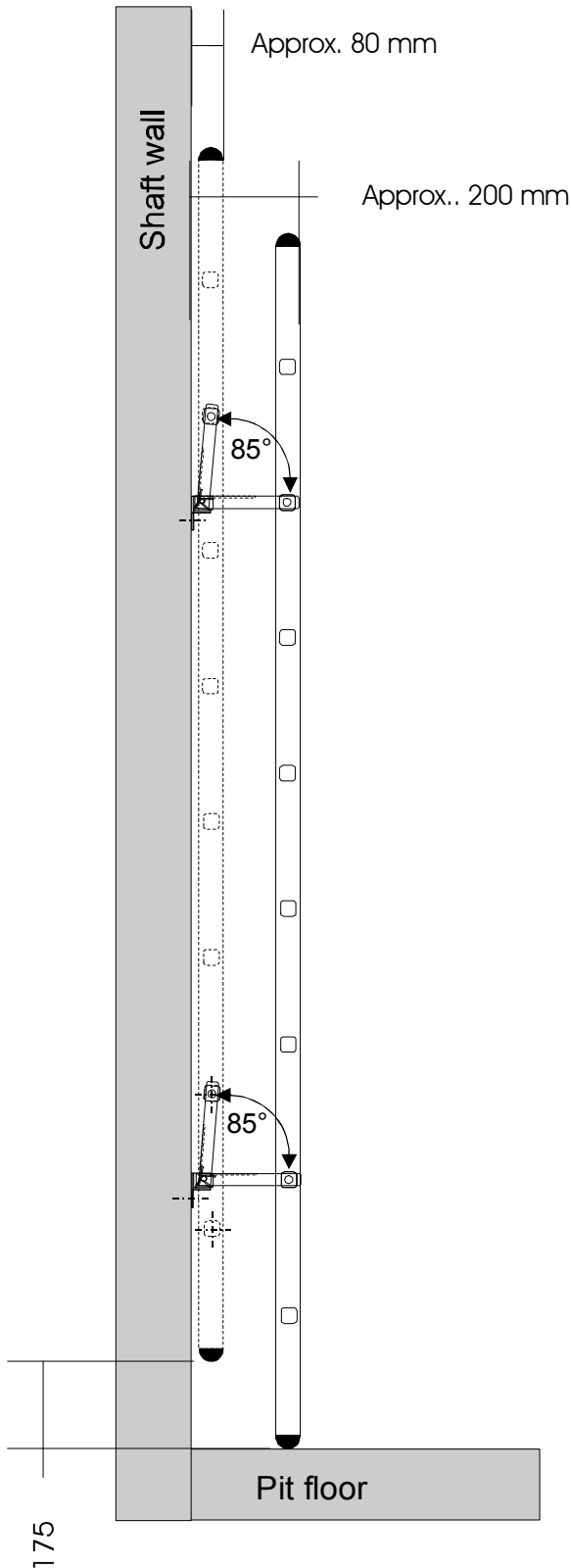
Installation steps:

- 1) Both ladder suspensions must be installed at the first or second step from the top and bottom of the ladder respectively. Remove the safety pins and plunge round steel bar through the ladder rung. Secure the bar again with safety pins (below picture shows the upper suspension as an example).



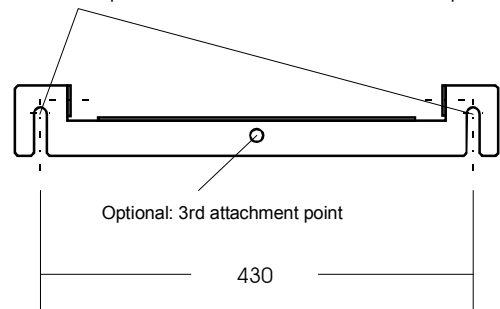
- 2) The ladder installation must be carried out in a way that any collision with moving lift parts is avoided.

- 3) Press the ladder at the lower suspension flush to the shaft wall in order to define the required 175mm gap between pit floor and bottom end (=shoe) of the ladder. (see sketch to the left). Ensure prior to the installation that the shaft wall surface allows a flush mounting of the ladder suspensions. Any unevenness must be removed.



4) Mark the attachment points of the lower suspension simultaneously. Make sure that the ladder is positioned vertically. Use a spirit level if necessary. After this, the ladder can be put aside.

Attachment points on the shaft wall for each ladder suspension



5) Drill holes for the lower suspension, put plastic dowels in place and screw in the screws almost completely.

6) Place the ladder with the lower suspension on the screws and tighten them. Avoid uncontrolled tilt of the ladder before fixing the upper ladder suspension!

7) Fix upper ladder suspension by pressing it to the wall, marking the attachment points and using the dowels and screws as done with the lower suspension. Check ladder function and make sure that the shoes are in firm contact with the shaft floor during use. Make also sure that the spring plate is in a 90° angle to the shaft wall during use (see photo to the right).



8) If a third ladder suspension must be used (ladder lengths > 3,60m), it has to be fitted to the step nearest to the ladder centre.

9) The pit ladder may be used only in fully deployed position.

10) Normal lift operation is only ensured when the pit ladder is completely folded back to the shaft wall.

Strictly follow the warning signs found on the upper suspension of each ladder:

