



Tender specification:

All doors comply with the following standards and regulations:

**Lift Directive 2014/33/EU
EN 81-20/50**

Landing closure as lifting gate four-panel, telescoping upwards for shaft installation

Header section: designed as closed box construction with side walls for a high degree of stability and protection against falling dirt, made of 2.0 mm sheet steel, powder-coated, with mounting brackets

Guide rails lateral: of continuous cast aluminium profile

Frame and sill: lateral (on left and right) and above for installation in the lift shaft, of sheet steel, 2.0 mm thick, primed including mounting brackets above and laterally

Door panels: Welded construction of 1.5 mm sheet steel with reinforcing ribs, powder-coated, each with 2 or 3 guide elements running in the guide rails, connected together by chain system, steel sprocket wheels; guides replaceable, without having to remove the door panels

Sill: as structural steel U-channel, primed, with mounting brackets under the sill

Modern door drive with bluetooth connection, low energy, one controller and one transformer for all motor configurations, also for DC- and EC-motors.

Powerful drives that employ the latest motor technology (200 kg, 400 kg, 800 kg) with their own intelligence. CanOpen interface as standard. Temperature sensor, controller and motor communicate via CanOpen. EC-drives: frequency control is located inside the motor for not pulling the frequencies over the complete wire. With absolute and incremental encoder. EC- and DC-motors in the same design (retrofit).

Motor protection class IP 54 as standard.

If car door and landing door both as lifting gate, they are coupled by optical device; car door will function as "Master"

LED lighting strip: mounted on the upper frame for visualisation of closing of door panels

Interlock: according to EN 81-20 with the aid of a Kronenberg interlock, including an UPS

OPTIONS:

Door panels: visible side clad with stainless steel 1.4301 (AISI 304), 240 grit

Light curtain: on the outside for additional gate safety