



## **Tender specification:**

**All doors comply with the following standards and regulations:**

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

**Car door, two-panel, telescopic opening, K-2-R/L, as a high-performance door for heavily frequented high-performance lifts up to a speed of approx.  $v=4.0$  m/sec.**

Transom: designed as closed box construction with side walls for a high degree of stability and protection against falling dirt, made of zinc-magnesium coated plate for maximum corrosion resistance

Tracking rails: rolled from 4 mm sheet steel, subsequently galvanised; adapted to the roller and kicking roller geometry

Rollers: of cast high-performance polyamide, at least 90 mm diameter, with sealed ball bearings, designed for maximum performance with simultaneous low rolling noise

Kicking rollers: of plastic with excentric bolt, are positioned positively on the tracking rails to ensure a smooth running of the door panels

Door panel/hanger connection: with the aid of eyebolts, thus door panels steplessly adjustable in terms of height and depth

Skate system: One skate as moving expansion skate with third bracket for actuation of restrictor mechanism / zone locking required in accordance with EN 81-20; in special design for increased clearance between the hook rollers for high speed

Door panels: double-skin, made of zinc-magnesium coated plates, immediately ready for painting without any preparations

Drive: low-maintenance synchronous belt drive consisting of DC gear motor in IP 54 with Siemens AT 40 controller and corresponding transformer, three default operating profiles

Guide shoes: with two independent guide elements (each 100 mm long, 3 mm thick) with plastic sliders, which can be replaced without removing the door panels; every guide element each with two fastening screws and two set screws for being able to appropriately adjust the panels in the running direction; the guide elements are directly fastened in the lower area of the door panel via screws with the door panel and the welded U-sheet channel

Sill: Aluminium profile sill with max. 7 mm wide grooves in order to prevent the ingress of grit, pebbles or others, which could result in door failures

Toe guard: 750 mm long, made of zinc-magnesium coated sheet steel, with the strength according to EN 81-20

## **OPTIONS:**

Door panels: visible side clad with stainless steel 1.4301 (AISI 304), 240 grit / leather pattern / linen pattern / rhombus pattern / special material

Door panels: powder-coated according to RAL ....

Door panels: as glass door panels framed on all sides, clad with stainless steel, material 1.4301 (AISI 304), on the front and back; glass flush-mounted with the frame to avoid injuries; base height selectable variable

Door panels: as full glass door panels, held at top and bottom by aluminium fittings clad with stainless steel; closing edge at least 20 mm thick

FingerGuard System: To prevent fingers and hands of children from getting caught at glass doors, landing doors are equipped with the "FingerGuard" system which consists of two components: Detectors at the door panels, braking circuit at the AT 40 door drive; this results in a recognition of fingers or other objects on the glass pane before drawing them in and causes an immediate stoppage of door movement

Sill: as aluminium solid sill for loads of up to 10 tons

Sill: as hidden track, the guides of the fast panel are installed 70 mm deep in the shaft, the slow panel moves on a roller, fixed on the sill; the cover plate 3.0 mm thick is totally flat and does not have any guide grooves, anti-slip class: R ??

Sill: made of stainless steel, material 1.4301 (AISI 304), consisting of rolled profile on a base plate (2.0 mm thick), covered with a folded cover plate (3.0 mm thick), guide grooves cannot be seen when door panels are closed; wheel load 1.8 tons