

Technical data of the inclined platform lift NEXT

Inclined platform lift for transport of disabled persons, conforming: EEC Machine Directive 2006/42/CE (EN ISO 12100-1; EN ISO 12100-2; EN 81-40). Electromagnetic Compatibility 2014/30/UE. Electric installation conforming 2014/35/UE.

Load Capacity: 300 kg with all gradients.

Travel: Straight, with bends and change of gradient, max. 40mt.

Max. speed: 0.12 m/sec.

Speed: 0.10 m/sec (DM 236/89).

Gradient: Variable from 15° to 45°.

Rail Overall: 165mm with standard fixing for stanchion mounted.

Overall dimensions with closed platform: 335mm with standard fixing to supporting wall; 370mm with stanchion mounted.

Platform dimensions (L x W): 750x600mm; 750x650mm; 750x700mm; 850x700mm; 1000x800mm; 1250x800mm.

Stair width: 1075mm (platform 750x700mm with stanchion mounted); 1225mm (platform 1000x800mm with stanchion mounted).

Version: Right or left (sight of the stair from the bottom); the version has to be chosen at the order.

Operation: Indoor or outdoor; operating range -15°C +60°C.

Fastening: Standard with stanchion posts to the steps and/or to the wall; with screw anchors or chemicals anchors for a supporting wall.

Feeding: 100-240Vac - 50/60Hz - Power max 100W.

Control circuit voltage of the motor: 48Vdc.

Auxiliary control circuit voltage: 24Vdc.

Traction: Rack and pinion, it is operated by an irreversible reduction gear and electric motor, Brushless, which is equipped by an electromagnetic brake acting for electricity shortage.

Manual emergency maneuver: The manual traction operation, the safety barrier arms release and the manual tilting of the platform give the possibility to put the unit in the minimum overall dimensions in case of emergency, electricity shortage etc.

Controls: ON BOARD: Constant pressure type, low tension, for upwards and downwards travel and parking (platform in upright position) using touch button panel; wander lead for attendant control on board.

ON FLOORS: controls enabled at the floors by a removable key.

Operation: Platform and safety barrier arms motorised and completely controlled electronically.

Optional: an automatic motorised device for side access with ramp that interacts with the positions of the bars.

Safety: Low tension controls; squashing, shearing and crash protection by means of safety micro-switches with compulsory breakdown; safety barrier arms and ramps blocked in safety position during the complete travel; Emergency STOP with manual reset on board. Electric limit switches and safety electric limit switches with compulsory breakdown; mechanical limit switches; safety brake and overspeed governor controlled by micro-switches with compulsory breakdown; handles; anti-slip platform and ramps; detection and overload stopping system on the platform.

Order of supply: Body and platform Grey RAL 7011; supporting feet and/or fixing wall RAL 9006; rail in anodized aluminum.

Installation: The customer must prepare a dedicated power supply conforming to the regulation in force with n°3 conductors (live, neutral, earth) with min. section 1.5mm², protected by a residual current circuit breaker with a maximal current intervention equal to 30mA and by an automatic thermal magnetic circuit breaker, 4A curve C.