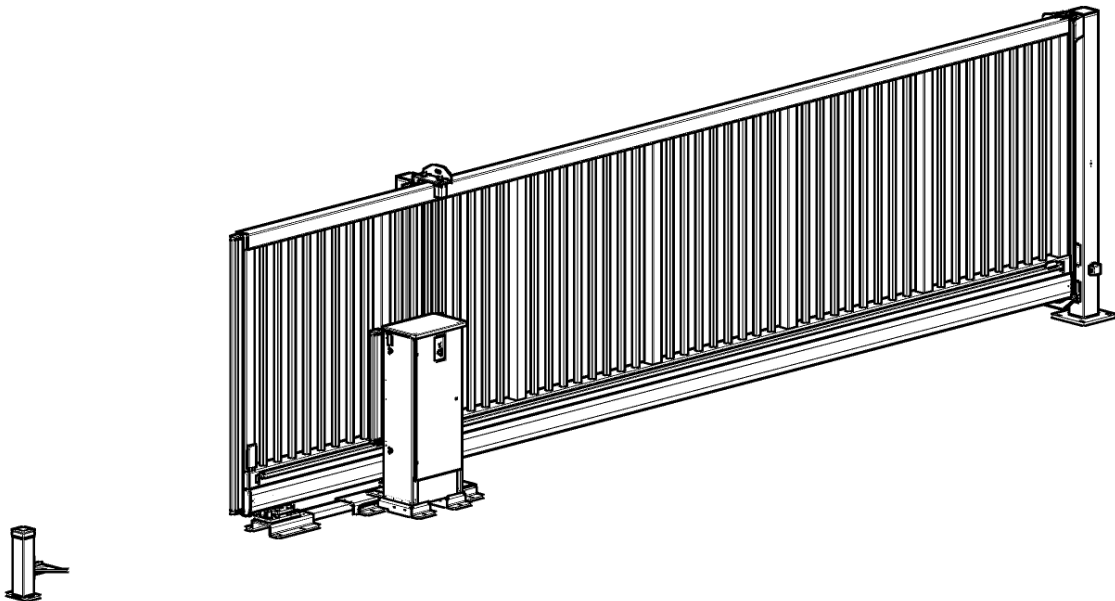


Technical Data Sheet



Design: Power-operated cantilever sliding gate with electro-mechanical drive, control unit, catch post, guide post, end post, control column and gate leaf

Clear width (CW): 3,000 mm – 12,000 mm in 1,000 mm increments

Distance between posts: CW + 100 mm

Gate height: 1,250 mm – 2,050 mm in 200 mm increments,
(incl. 100 mm ground clearance) 2,250 mm and 2,450 mm (**only for CW ≤ 10,000 mm**)

Frame width (FW)*:

CW [mm]	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000
FW [mm]	5,280	6,580	7,880	9,200	10,500	11,800	13,100	14,400	15,700	

* without safety edges

Gate infill: Bar infill made of square hollow section SHS 30x2 with max. 120 mm clear distance

Bottom rail: Roller profile 165 mm high, 150 mm wide

Top rail: Square hollow section SHS 100x3 (up to 6,000 mm CW) and
Square hollow section SHS 120x4 (from 7,000 mm CW) respectively

Reinforcement bottom profile: Square hollow section SHS 120x4

Reinforcement bars and side rails: Square hollow section SHS 80x3 (up to 6,000 mm CW) and
Square hollow section SHS 100x3 (from 7,000 mm CW) respectively
with a centre distance of 1300 mm

Guide post: Square hollow section SHS 140 mounted on base frame

Catch post: Square hollow section SHS 140 with base plate to bolt on

Opening direction: To the left or to the right (viewed from the outside)

Lowered foundation: Top edge of foundation 90 mm below finished floor level

Emergency operation during power failure: Manually following disengagement of motor via release lever

Technical Data Sheet

Operating speed:	Max. 0.24 m/s
Drive:	Electric drive 0.55 kW, 3~ 230 V Δ, 50 Hz with covered, spring-mounted toothed rack and toothed wheel modulus 5
Control unit type A:	Deadman (hold-to-run) control With key switch OPEN / CLOSE / STOP on inside/outside WE-Tronic II type A with frequency converter, control voltage 24 V DC
Control unit type B:	Automatic control (maintained command) With key switch OPEN / CLOSE / STOP on inside/outside Safety devices: <ul style="list-style-type: none">• Six safety edges to safeguard against the hazards of crushing, shearing and draw-in• Light beams (2 nos.) for monitoring of passage WE-Tronic II type B with frequency converter, control voltage 24 V DC
Control box:	H x W x D: 400 mm x 350 mm x 210 mm, IP66, mounted in control column
Control column:	H x W x D: 1,200 mm x 480 mm x 270 mm
Supply voltage:	230 V (1Ph + N + PE), 50 Hz
Applied standard:	DIN EN 13241 Industrial, commercial, garage doors and gates - Product standard, performance characteristics
Weight:	Approx. 550 – 1,500 kg (depending on CW and gate height)
Colour (Standard):	RAL 6005 – moss green, RAL 7016 – anthracite grey, RAL 7030 – stone grey, RAL 7035 – light grey or RAL 9010 – pure white End post in hot-dip galvanised finish
Colour (Optional):	All other RAL-colours or DB-colours End post hot-dip galvanised and coated in gate colour
Temperature range:	Control unit: -10 °C ... +50 °C Drive: -20 °C ... +60 °C
Options:	Catch and/or end post to concrete in, serrated top rail (from 1,850 mm gate height), 200 mm lowered foundation, key safe in catch or guide post, fence connection systems
Special infill:	On request (depending on infill with additional guide post, full-height end post and special profiling, only for CW ≤ 10,000 mm)
Control devices (Optional):	Type A Deadman control: Additional key switch OPEN / CLOSE / STOP, key switch OPEN / CLOSE / EMERGENCY STOP Type B Automatic control: Induction loops, additional light beam, additional key switch OPEN/ CLOSE / STOP, key switch OPEN / CLOSE / EMERGENCY STOP, key switch ON / OFF for automatic closing etc., key switch partial opening, key switch fire brigade, remote control with hand held transmitter, table top push button, timer, code key pad, card reader, intercom system
Signalling devices (Optional):	Type A Deadman control + Type B Automatic control: Flashing permanent or rotating beacon (LED), LED-spot light, traffic light