

Technical Data Sheet



- Design:** Power-operated cantilever sliding gate with electro-mechanical drive, control unit, catch post, guide post, end post and gate leaf
- Clear width CW:** 3,000 mm – 8,000 mm in 1,000 mm increments
- Distance between posts:** CW + 350 mm
- Gate height:** 1,050 mm – 2,050 mm in 200 mm increments, incl. 100 mm ground clearance
- Frame width (FW):**
(without rubber strip)
- | CW [mm] | 3,000 | 4,000 | 5,000 | 6,000 | 7,000 | 8,000 |
|---------|-------|-------|-------|-------|-------|--------|
| FW [mm] | 4,595 | 5,875 | 7,155 | 8,555 | 9,995 | 11,275 |
- Gate infill:** Bar infill made of square hollow section SHS 40x1.5 with 120 mm max. clear distance
- Bottom rail:** Special profile 240 mm high, 102 mm wide (up to 6,000 mm CW) and Special profile 355 mm high, 102 mm wide (from 7,000 mm CW) respectively
- Top rail:** Special profile 62 mm high, 102 mm wide
- Side rails:** Front and rear special profile 100/40
- Reinforcement bars:** Rectangular hollow section RHS 100/40 (from 6,000 mm CW)
- Catch and guide post:** Square hollow section SHS 140x4
- 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 emergency release of drive unit via profile half cylinder and swing handle lock
- Operating speed:** Max. 0.17 m/s (depending on selected speed setting)
Up to 0.40 m/s (with optional speed package)
- Drive:** Electric drive 24 V DC, 140 VA, with covered, spring-mounted plastic toothed rack, modulus 5
- Supply voltage:** 230 V (1Ph + N + PE), 50 Hz
- Control unit:** **Type Basic Deadman (hold-to-run) control**
With key switch OPEN / CLOSE / STOP on inside/outside
control unit in control box mounted to drive housing, control voltage 24 V DC

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Type Plus Automatic control (maintained command)

With key switch OPEN / CLOSE / STOP on inside/outside

control unit in control box mounted to drive housing, control voltage 24 V DC

Safety devices:

- Two safety edges and force limitation of drive unit to safeguard against the hazards of crushing, shearing and draw-in
- Light beam (2 nos.) for monitoring of passage

Service Intelligence:

PPG Connect IIoT-Hardware

Certification:

TÜV Nord type tested according to EN 13241-1:2003 + A1:2011

Surface gate leaf:

Standard:

Silver anodised (Eloxal E6/EV1)

Optional:

- Aluminium nature
- Wet-painted in standard RAL-colour
- Wet-painted in special RAL-colour

**Surface guide and:
catch post:**

Standard:

Hot-dip galvanised

Optional:

- Hot-dip galvanised and powder-coated in standard RAL-colour
- Hot-dip galvanised and powder-coated in special RAL-colour
(or if required wet-painted to keep colour deviations to a minimum)

Surface end post:

Standard: Hot-dip galvanised

Optional: Hot-dip galvanised and coated in gate colour

Standard colour:

RAL 6005 – moss green, RAL 7016 – anthracite grey, RAL 7030 – stone grey
RAL 7035 – light grey or RAL 9010 – pure white

Special colour:

All other RAL-colours or DB-colours

Temperature range:

-20 °C up to +50 °C

Options:

Serrated top rail (from 1,850 mm gate height), fence connection systems,
key safe in catch or guide post, base plate for catch and/or end post

**Control devices
(Optional):**

Type Basic Deadman (hold-to run) control:

Additional key switch OPEN/CLOSE/STOP, key switch OPEN/CLOSE/
EMERGENCY STOP

Type Plus Automatic control (maintained command):

Induction loops, additional light beam (1 no.), additional key switch
OPEN/CLOSE/STOP, key switch OPEN/CLOSE/EMERGENCY STOP,
table top push button OPEN / CLOSE / STOP, key switch ON / OFF,
key switch partial opening, key switch fire brigade, remote control with
hand held transmitter, timer, code key pad, card reader

**Signalling devices
(Optional):**

Type Basic Deadman control / Type Plus Automatic control

Rotating beacon