
Technical Data Sheet



Design:	Double leaf Quick Folding Gate consisting of two folding leaves with integrated rope arrestor system, bolt locking device between folding leaves and two drive posts with anchor basket, electro-mechanical drive unit and control unit
Kinetic impact energy:	1185 kJ (7.5 t @ 64 km/h)
Certification:	Vehicle Impact Simulation
Clear width (CW):	4000 mm – 8000 mm in 500 mm increments
Distance between posts:	CW + 760 mm
Gate height:	2050 mm, 2550 mm and 3050 mm incl. 100 mm ground clearance
Gate infill:	Bar infill made of square hollow section SHS 30 with max. 120 mm clear distance
Frame profile:	Square hollow section SHS 100
Drive post:	Square hollow section SHS 300 with base plate to bolt onto anchor basket
Foundation:	Individual, reinforced post foundations with integrated anchor baskets, top edge of foundation = finished floor level (FFL)
Opening direction:	Inwards (viewed from the outside)
Operating speed:	Max. 1.0 m/s (depending on CW)
Locking/release time:	Approx. 3 sec
Drive:	Electric drive 0.37 kW,
Emergency operation: (during power failure)	By manual release of drive arm and unlocking of locking bolt
Supply voltage:	120V 60 Hz
Control unit:	Automatic control (maintained command) WE-Tronic II NXT with frequency converter, control voltage 24 V DC

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Control box:	HxWxD = 600x400x210 mm, IP66 <ul style="list-style-type: none">• with rain cover, mounted to drive posts (standard)• for wall installation inside a building, max. distance 50 m (optional)• in separate outdoor cabinet HxWxD = 1200x1200x400 mm incl. 200 mm high socket, max. distance 50 m (optional)
Safety devices:	Safety edges on folding leaves Light beam between drive posts at car and HGV height as well as in separate light beam posts on the side of the folded gate leaf at car height Active infrared-presence detector (for QFG with 2050 mm gate height)
Control devices (Standard):	1 no. key switch OPEN / STOP / CLOSE in in right or left drive post
Control devices (Optional):	Induction loops, additional light beam in light beam posts at HGV height, additional key switch OPEN/ CLOSE / STOP, key switch OPEN / CLOSE / EMERGENCY STOP, key switch ON / OFF for automatic closing etc., 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):	Flashing permanent light or rotating beacon (LED), LED spot light, traffic light
Options:	Serrated top edge, steel spikes (from 2550 mm gate height), key safe, fence connection systems, heater for control unit and actuator, special infills on request
Weight:	Approx. 3200 kg for maximum applicable dimension
Finish (Standard):	Hot-dip galvanised finish Hot-dip galvanised and powder-coated in RAL 6005 moss green, RAL 7016 anthracite grey, RAL 7030 stone grey, RAL 7035 light grey or RAL 9010 pure white
Finish (Optional):	Hot-dip galvanised and powder-coated in other RAL colours
Temperature range:	Control unit: -10 °C ... +50 °C Drive: -45 °C ... +50 °C Actuator of bolt locking device: -10 °C ... +50 °C