

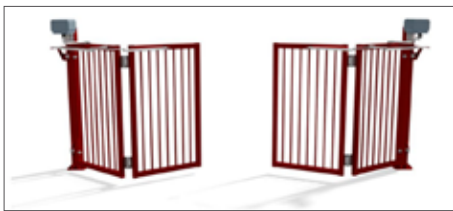


Faldivia® speed folding gate (trackless)

Access control

The Faldivia trackless speed folding gate ensures that specific areas are closed off quickly. It is an extremely solid and rapid solution.

Product detail



ADVANTAGES

Fast and safe

The Faldivia speed folding gate opens and closes with a programmable speed of approximately 1 meter per second. The gates open inwards as standard. Once closed, the gate is magnetically locked, meaning that it is highly suitable for entrances with significant security requirements. The speed folding gate is fitted with cutting-edge safety technology: it stops automatically if an obstacle is in the way. The massive hinges, which can be lubricated, ensure durable and safe operation.

Smart construction

When opened, the gates sit behind the posts so that they are protected from damage by passing vehicles. As a result, the passage width is optimised. The powerful gate motor with stainless steel cover is installed at the top of the post. The smart controls offer numerous programming options, as well as additional access control options.

Long lifetime

The gates are constructed in steel, or in aluminium on request. In addition, aluminium gates can be anodized as an option. The posts are hot-dip galvanized (in accordance with EN ISO 1461).

Security level



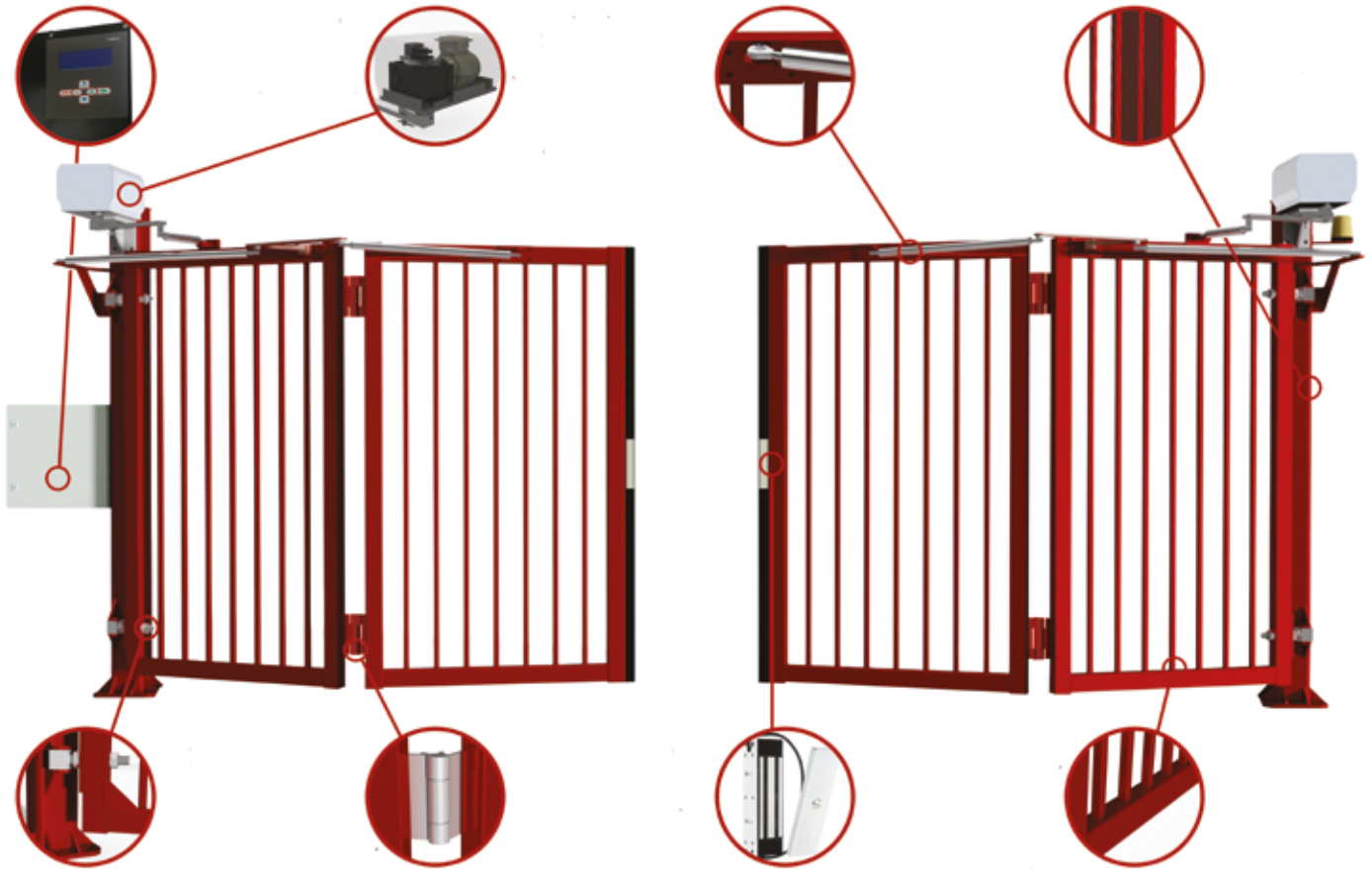
Applications



Functionalities

Technical details

- Electrical cabinet equipped with controller and frequency converter.
- Additional optional access control elements - elements to be connected to the controller, such as an induction loop.
- Worm gear motor with hollow shaft, cast housing.
- Transmission via premium oil, meaning that operation is possible at very low temperatures.
- Drive power: 0.3 kW.
- The guiding arms are made from steel tubes and are attached to ball bearings.
- The guiding arms are galvanised and polyester coated. Any RAL colour is possible.
- Gate width up to 10 m.
- Height up to 3 m. Other dimensions: on request.
- Galvanised and plastic-coated posts, section 160 x 160 mm.



- Hinge rolled and milled from one single piece, designed for heavy gates and intensive use.
- Possibility to lubricate the rotation shaft, ensuring silent operation.
- Massive construction, galvanised finish and dual ball bearings ensure hassle-free operation under heavy loads.
- Strengthening ribs between post and base plate.
- Cast hinge housing with double layers, can withstand loads up to 400 kg.
- Integrated lubrication system ensures reliability and silent operation in all conditions.
- Massive construction
- Electromagnetic lock with maximum pressure of 750 kg on closing, also keeps the gate in closed position.
- No moving mechanical parts.
- Automatic gate with warning light, safety strips and photocells.
- Gate in anodized aluminium, optional polyester coating in RAL colour.
- Gate in galvanised steel, optional polyester coating in RAL colour.
- Inner section of gate: square bars 25 x 25 mm or 30 x 30 mm
- Gate frame up to 80 x 60 mm



Standard steel gates, protected against corrosion by hot-dip galvanizing in accordance with EN ISO 1461. The gate is CE and TÜV certified.



Technical description

Height	Up to 3 metres Other dimensions: on request
Clear passage width	4 to 10 metres
Opening and closing speed	Programmable speed of approximately 1m/s
External cabling	230V AC power supply
Electromagnetic lock	Maximum pressure 750 kg on closing
Motorisation	Daab motor Drive power: 0.3 kW Frequency controller
Posts	160x160 mm on base plate
Frame	Depending on the dimensions of the gate up to 80x60 mm Inner section: bars with 25x25mm or 30x30mm, with standard 100mm gap
Opening between gate and road surface	100mm
Colours	Available in a choice of RAL colours
Certification	CE and TÜV certified
Standard safety features	- 2 safety strips in accordance with EN standard 13241 - 2 pairs of photocells - 1 flashing light
Technical specification	PN-EN 13241-1 2003+A1:2011 Industrial, commercial and garage doors and gates - Product standard - Part 1: Products without fire resistance or smoke control characteristics. Directives: 2006/95/EC; 2004/108/EC.


Options

- Spiked crest for anti-climb security
- Connection for fencing on the posts
- Warning light for trucks
- Signalling/red-green traffic light
- Additional safety strips (4 pieces)
- Keyswitch
- Remote control
- Induction loop for automatic opening
- Control button to open and close
- Other

Product range

W* x H mm	Inner section bars mm
4000 x 2000	25 x 25
5000 x 2000	25 x 25
6000 x 2000	25 x 25
7000 x 2000	25 x 25
8000 x 2000	25 x 25
9000 x 2000	25 x 25
10000 x 2000	30 x 30
4000 x 2400	25 x 25
5000 x 2400	25 x 25
6000 x 2400	25 x 25
7000 x 2400	25 x 25
8000 x 2400	25 x 25
9000 x 2400	25 x 25
10000 x 2400	30 x 30

Declared technical specifications of the construction product

Essential characteristics	Standards	Test results
Low voltage conformity	2006/95/WE	Pass
Electromagnetic conformity	2004/108/WE	Pass
Operating forces (for power operated gates)	PN-EN 13241-1 p.4.3.3	Pass
TÜV SÜD Czech s.r.o identification number of notified body 1017		

* = clear passage. Other dimensions are available on request

