



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



BENEFITS

Fast and safe

The Faldivia speed folding gate opens and closes with a programmable speed up to 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 large hinges, which can be lubricated, ensure durable and safe operation.

Smart construction

The powerful gate motor 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 made out of steel, hot-dip galvanized (in accordance with EN ISO 1461) or hot-dip galvanized and powder coated. The gate is CE certified by TÜV for both the UK and all European markets.

Security level



Applications



Functionalities

Features

- Electrical cabinet equipped with controller and frequency converters.
- Additional optional access control 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: 0.37 kW.
- The galvanised and polyester coated guiding arms are made from steel tubes and are attached to ball bearings.
- The guiding arms are galvanised and polyester coated. Available in any RAL colour.
- Gate width up to 12 m.
- Height up to 4 m (with 8 m width) *Other dimensions on request.*
- Galvanised and plastic-coated posts, section 160 x 160 mm or 200 x 200 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, with strong anti-corrosion finish and dual ball bearings ensure hassle-free operation under heavy loads.
- Strengthening ribs between post and base plate.
- Special Intermediate hinges can withstand vertical loads up to 2500 kg.
- Integrated lubrication system ensures reliability and silent operation in all conditions.
- IP 68 Electromagnetic lock with maximum pressure of 540 kg on closing, also keeps the gate in closed position.
- No moving mechanical parts.
- Automatic gate with warning light, safety strips and photocells.
- For gates > 6 m, two electromagnetic locks are installed, with total max. pressure of 1080kg.
- Gate in galvanized steel, optional polyester coating in chosen RAL colour.
- Inner section of gate : square bars 40 x 40 mm. Securifor or Nylofor infill as an option.
- Gate frame: 80 x 60 mm or 100 x 100 mm.

CE Standard steel gates, protected against corrosion by hot-dip galvanizing in accordance with EN ISO 1461. The gate is CE certified by TÜV for both the UK and all European markets.

Technical description

Dimensions	Height: up to 4 m (with 8 m width) Width: up to 12 m*
Free passage	2 -12 m
Opening/closing speed	Programmable speed up to 1m/s
External cabling	230V AC power supply
Electromagnetic lock	Maximum pressure 540kg (1080kg) on closing
Motorisation	Daab motor Drive power: 0.37 kW Frequency controller
Posts	160x160mm or 200 x 200 mm on base plate
Frame	Depending on the dimensions of the gate 80x60mm or 100x100 mm Inner section: bars with 40 x40 mm with max gap of 110 mm
Opening between gate and road surface	Min 125 mm
Colours	Available in a choice of RAL colours
Certification	CE certified by TÜV for both the UK and all European markets.
Standard safety features	6 safety strips in accordance with EN standard 13241 2 pairs of photocells 1 flashing light
Technical specification	PN-EN 13241-1+A2:2016 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.

Product range

Width* (mm)	Height (mm)		
	2000	2400	up to 4000
Single gate - 1 W (2 sections)			
2000	☒	☒	☒
3000	☒	☒	☒
4000	☒	☒	☒
5000	☒	☒	
6000	☒	☒	
Double gate - 2 W (4 sections)			
4000	☒	☒	☒
5000	☒	☒	☒
6000	☒	☒	☒
7000	☒	☒	☒
8000	☒	☒	☒
9000	☒	☒	
10000	☒	☒	
11000	☒	☒	
12000	☒	☒	

* free passage

Optional equipment

- Key Switch
- Key Pad
- Dental strip
- Fence connection on the posts
- Inductive loops + loop detector
- Additional pair of photocells on separate columns
- Additional safety STOP buttons
- Additional remote controls
- Additional safety edges
- Traffic lights (red/green)
- Separate columns for access control
- GSM module for mobile phone opening
- Heating element
- Week/Year clock
- LED light to illuminate the free passage
- Other options on request



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