



Bekamatic® SC cantilever sliding gate

Access control

Bekamatic SC motorized cantilever sliding gate: “the expert gate” . Practical experience combined with Betafence superior technical know-how.

Product detail



BENEFITS

Developed for intense use

Very strong motorization and reliable gates for industrial use.

Special executions

Gates up to 4m high are possible, standard speed of 12m/min or variable speed up to 18 m/min (36 m/min for double gates).

Robust construction

Bekamatic gates have a very robust frame a strong underbeam and a double lock post.

Cabinet

The well designed high cabinet allows for variuos access control options. The cabinet is weather and vandalism proof.

Multiple possibilities

All infills are possible, gates width till 24 meters (double) and a full range of access control. This gate can be perfectly combined with a pedestrian gate.

Security level



Applications



Functionalities

Options

- Aluminium strips on upper beam
- Full access control: see PDF

Coating technique

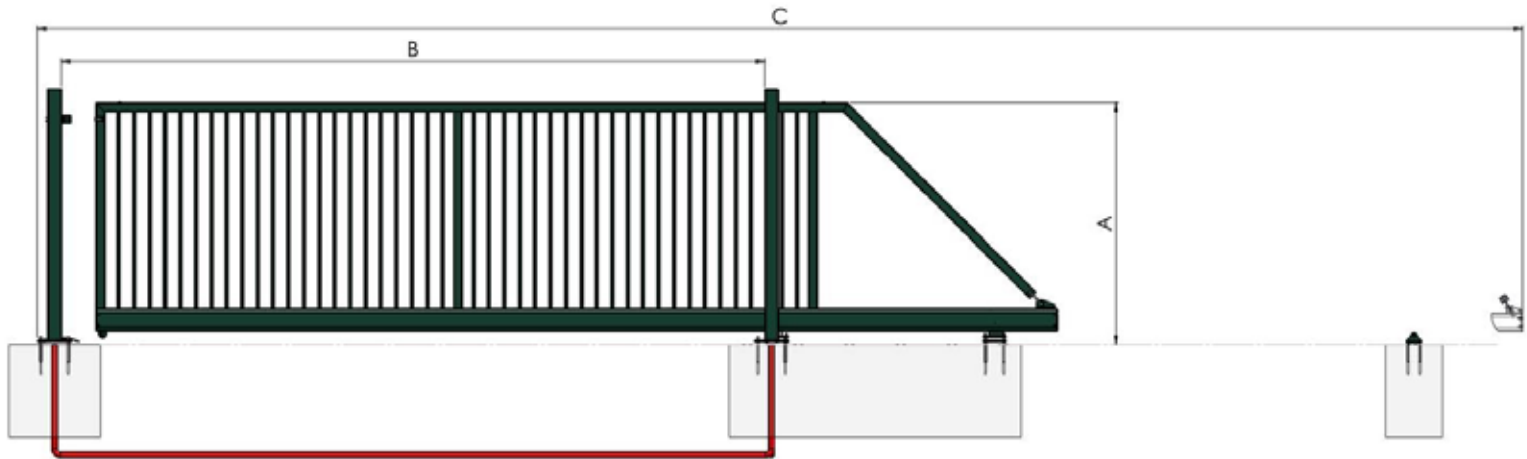
Bekamatic gates are galvanised in- and outside according to EN10346 (Z275) then epoxy and polyester coated (min. 100 micron).

Colours

Standard colours are RAL 6005, RAL 6009, RAL 9010, RAL 7030, anthracite grey RAL 7016 and RAL 9005. Other RAL colours available on request

CE Marked

Bekamatic gates are CE marked according to the European regulation: Construction products regulations (CPR) (EU-305/2011) and type tested according to standard EN 13241-1 for industrial, commercial, garage doors and gates.



ASSORTMENT TABLE & TECHNICAL CHARACTERISTICS

Commercial width		3000 mm	4000 mm	5000 mm	6000 mm	7000 mm	8000 mm	9000 mm	10000 mm	11000 mm	12000 mm	
Free passage (B)		3157	4102	5047	6127	7207	8017	9097	10141	11356	11896	
Total needed space (C)		8058	10271	12298	14788	17093	19193	21948	23915	26500	27270	
Nominal height mm	Real height from foundation mm (A)	R 2000 Dim. underbeam: 200 x 160 mm Frame: 80 x 60 mm Infills: bars 25 x 25mm (square) (max distance 110 mm) Nylofor panels, Securifor panels						R 2800 Dim. underbeam: 280 x 200 mm Frame: H: 100 x 100 mm - V: 100 x 80 mm Infills: bars 30 x 30 (square) (max distance 105 mm) Nylofor panels, Securifor panels, Lamellas (width: 3-6m & height: 1-2,4m)				
	1000	1072										
	1200	1272										
	1500	1572										
	1700	1772										
	2000	2072										
	2400	2472	R 2000 (characteristics same as R 2000 above)						R 2800 (characteristics same as R 2800 above)			
		Guiding post: double - cabinet: 360 x 180 mm - External post: 180 x 80 mm End post: double 120 x 80 mm (no access control) 180 x 80 mm (with access control)										





Motorisation

For the motorisation, the motor/reductor is integrated in the guiding post. This type of automation guarantees a perfect operation in the most extreme conditions.

A mechanical locking system prevents the gate from being opened manually once the gate has been automatically closed.

Manual unlocking system

A manual over-ride system disconnects the motor from the gate and permits manual opening and closing of the gate.

Controller (E145 or EP104)

Betafence is using a high-quality steering unit. A control unit with microprocessor manages the general functions and contains the control logic. A separate unit contains the special functions for access control.



E145



EP104

Photocells

The gate passage is controlled by means of photocells installed on the guiding posts and end post. If the cells are activated, the gate will stop and open again.

Pressure strips

The front of the gate wing is fitted with a pressure strip. The guiding post of the Bekamatic gate is also fitted with 4 pressure strips: two at the front and two at the back side.

Any contact with the pressure strips immediately stops and reverses the movement of the gate. At the street side one of the pressure strips can be replaced by a Securifor panel system.

Access control

The access control can be adapted to the special demands of the customer. A choice of multiple access control accessories are installed at the request of the customer: key switch, RF- remote control, proximity card reader, key pad, videophone/parlophone, timer clock, induction loop detector. These elements are installed on the guiding post, the lock post, or on a separate column on request.

