



## 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

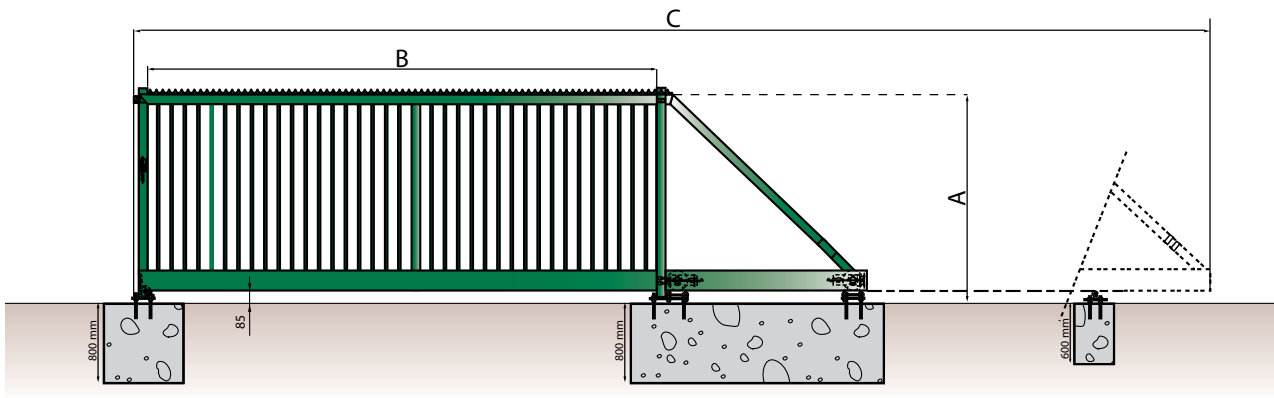
Bekamatic gates are galvanized in- and outside according to EN10346 (Z275) then epoxy and polyester coated (min. 100 micron).

### Colours

Standard colours are RAL 6005, RAL 6009, RAL 9010, RAL 7030, 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)	2916	3909	4806	5921	6991	7821	8821	9712	11002	11502
Total needed space (C)	7866	10127	12016	14361	16926	19046	21721	23712	26372	27102
Nominal height mm	<b>R 2000</b> 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, Lamellas						<b>R 2800</b> 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			
Real height from foundation mm (A)	1072						1272			
	1500						1572			
	1700						1772			
	2000						2072			
	2400						2472			
							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)			

- A - height from foundation  
 B - opening with EP  
 C - needed space EP



**Motorisation**

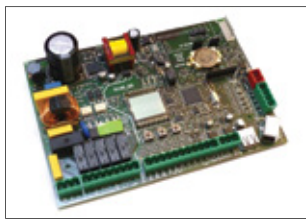
For the motorisation, the motor/reductor is integrated in the guiding post. This type of automation guarantees a perfect operation in the most extreme conditions. A mechanical locking system prevents the gate from being opened manually once the gate has been automatically closed.

**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.

