



Robusta[®] SC sliding gates

Access control

Robusta SC cantilever sliding gates are designed for “optimal value for money”, easy to install and can be used in various environments.

Product detail



BENEFITS

Robust construction

Robusta SC gates have a robust frame and underbeam and therefore guarantee a very secure operation. Two versions are available (underbeam R2000 and R2800), the choice of the underbeam is determined by the required free passage.

Large execution range

Manual, motorizable or motorized versions are available (manual/500/1000 line). Various infills are possible. The gates can be perfectly combined with Robusta swing gates.

Proven reliability

The motorized gates are equipped with a high qualitative European motor and all the necessary safety equipment.

Plug and play

Easy to install, the gate is delivered completely pre-assembled.

Security level



Applications



Functionalities





Possible executions

- Manual
- Motorizable: including inspection holes + dental rack
- Motorized: deadman key or automatic (including remote control and all necessary safety items)

Options

- Double guiding posts for R2000 (manual and motorizable)
- Dental strip

Coating technique

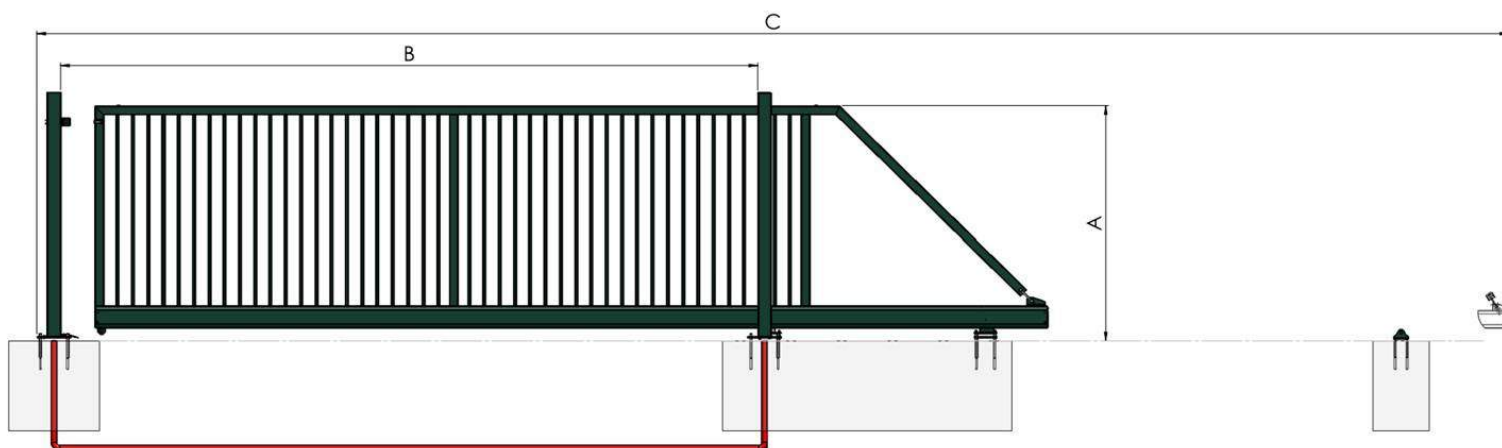
Robusta gates are galvanised in- and outside according to EN10346 (Z275) and polyester coated (min. 100 micron).

Colors

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

CE Marked

Robusta 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) Manual | | 3232 | 4177 | 5122 | 6202 | 7282 | 8092 | 9172 | 10216 | 11431 | 11971 |
| Free passage (B) Motorizable | | 3187 | 4132 | 5077 | 6157 | 7237 | 8047 (R 2000) | 9127 (R 2000) | 10171 | 11386 | 11926 |
| Free passage (B) Automatic | | | | | | | 8007 (R 2800)) | 9087 (R2800) | 10131 | 11346 | 11886 |
| 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 25 x 1,50 mm (square) (max distance between the bars is 110mm) | | | | | | R 2800 Dim. underbeam: 280 x 200 mm Frame: H: 100 x 100 mm - V: 100 x 80 mm Infills: bars 30 x 30 x 1,50 mm (square) (max distance between bars is 105 mm) | | | |
| | 1000 | 1072 | Optional infill : Nylofor panels and SEC flat Guiding post: 120 x 80 x 3 mm 120*120 (for height >=2m and or width >=8m) | | | | | | Optional infill : Nylofor panels and SEC flat Guiding post: double, 120 x 80 x 3 mm For automatic gates : guiding post is always single sided. | | |
| 1200 | 1272 | For automatic gates : guiding post is always single sided. | | | | | | | | | |
| 1500 | 1572 | | | | | | | | | | |
| 1700 | 1772 | | | | | | | | | | |
| 2000 | 2072 | | | | | | | | | | |
| 2400 | 2472 | R 2000 (characteristics same as R 2000 above) | | | | | R 2800 (characteristics same as R 2800 above) | | | | |



MECHANICAL SPECIFICATIONS OF ROBUSTA SC GATES

| Type | R2000 | R2800 |
|--|---|---|
| Free passage Heights from 1,00 to 2,40 metres | 3 to 9 metres | 8 to 12 metres |
| Available versions | manual motorisable motorised (dead man key + full automatic) | |
| Gate wing construction | | |
| Underbeam | 200 x 160 x 5 mm | 280 x 200 x 5 mm |
| Frame | 80 x 60 x 3 mm | 100 x 100 x 3 mm: horizontal 100 x 80 x 3 mm: vertical |
| tubular infill (standard) | 25 x 25 x 1,5 mm | 30 x 30 x 1,5 mm |
| Distance between bars | 110 mm | 105 mm |
| Locinox key lock | only for the manual gate | |
| Optional infill | | |
| Nylofor panels or SEC flat | optional | |
| Guiding post | | |
| manual and motorisable | | |
| Type | single post bridge | double post bridge |
| Dimensions if height is less than 2 metres | 120 x 80 x 3 mm | 120 x 80 x 3 mm |
| Dimensions if height equal to or greater than 2 metres | 120 x 120 x 3 mm and all heights from 8 metres | |
| Double sided guiding post | optional | |
| Guiding post | | |
| motorised version | | |
| Type | single post | single post |
| Dimensions | 120 x 80 x 3 mm / 120 x 120 x 3 mm | 200 x 100 x 4 mm |
| Lock post | | |
| manual version | | |
| Type | post in line | post in line |
| Dimensions | 120 x 120 x 3 mm | 120 x 120 x 3 mm |
| Lock post | | |
| motorisable and motorised versions | | |
| Types | double post bridge | |
| Dimensions | 120 x 80 x 3 mm | 120 x 80 x 3 mm |
| Dental rack on motorisable versions only | | |
| Module | module 4 | |
| Material | Steel-reinforced PA6 | |
| Pre-installed | yes | |

TECHNICAL SPECIFICATIONS FOR THE MOTORISATION OF ROBUSTA SC SLIDING GATES 746 ER = 500 LINE / 844 = 1000 LINE

| Use | R2000 | | R2800 |
|--|-----------------------|-----------|-----------|
| | Normal ⁽¹⁾ | Intensive | Intensive |
| FAAC motorisation type | 746 | 844 | 844 |
| Controller reference | 780D | | |
| Number of photocells | 2 sets | | |
| Photocell heights (hardwired) | 180 and 900 mm | | |
| Pressure strips | Active ASO | | |
| Number of pressure strips on the guiding post bridge | 2 | | |
| Gate wing head pressure strip | Active | | |
| Pressure strip on beam at the rear of the gate wing | not possible | | |
| Warning light | 1 PC | | |
| Area lighting | optional | | |
| Number of remote-controls supplied, 2 channels | 2 | | |
| Number of controls available for dry contacts | 2 | | |

(1) Normal use : max. 50 cycles per day