SECURITY PRODUCTS

Twinglock 300

The Twinglock 300 belongs to the group of Security Barriers of Boon Edam and offers low security control with a very wide passage. This basic security product is suitable for most buildings and matches any surrounding interior because of its neutral stainless steel finishing.

The front panels of the unit are equipped with security fastenings, which provide access to the mechanism and electronics for installation and maintenance.

Access control of passage is possible in only one direction i.e. single-directional. The Twinglock 300 has a very compact design and consists of two opposing pedestals with aluminium tubular door wings filled with a tinted polycarbonate glazing. The door wings have a standard length of 800 mm and can vary in length from 500 mm each, to match the required entrance width.

The Twinglock is especially useful for entrances where larger luggage or trolleys are used.

The Twinglock 300 pedestals offer sufficient space to install a display.

It is also possible to connect a separate installed pedestal for the installation of a card reader.

The Twinglock 300 is also available with additional guide rails (Twinglock 300-L), to create a detection way that allows automatic opening via photocells located on the pedestals and on the guide rails.

For a more exclusive glass wing and transparent version of the Twinglock with bi-directional passage, Boon Edam offers the Twinglock 900.

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Twinglock 300

Technical Specifications

Capacity
15 passages per minute.
Single-directional

Material
Entire unit is finished with 1.5 mm brushed stainless steel, AISI 304 or AISI 316.
Optional; any RAL colour powder coated.

Tube framed door wing of chromed aluminium, standard with tinted polycarbonate glazing.

Weight
Two pedestals: 60 kg

Fail-Safe/Fail-Secure
The panel can be mechanically unlocked by adjusting the pressure between 1 and 30 Kg.
Fail-secure is created by increasing the adjustable pressure.

Power supply
230 VAC, 50 Hz
Usage 24 V

Power consumption
200 Watt

Power failure
In the event of a power failure, the door wing unlocks allowing free exit. Optional: an electrical anti-panic system, with battery backup automatically opens the panel.

Operation
No standard activation device included. Options include remote control, an external pedestal with push button, or adjustments for integration of a card reader.
Closing time is standard 4 seconds, but adjustable.

Installation
Fixed to floor surface with a base plate and screws with expansion plugs. Cables pass through the centre of the pedestal.

Service and maintenance
The top cover is hinged to facilitate installation and maintenance. The cover is locked with a security key.

Optional accessories
- Signalling through luminous pictogram indicators. A green arrow and red cross in three modes; continuous, intermittent or progressive.
- An external pedestal for the installation of a card reader subject to the measurements and characteristics of the reader.
- A console with push buttons or remote control to control the passage through the Twinglock.

Guide Rails
The guide rail types 500-TR with a mid rail and 500-GL with a tinted polycarbonate glazing, match the Twinglock 300. Both available in stainless steel AISI 304 and AISI 316. They are fixed to the floor with a footplate and 12 mm bolts. Standard dimensions are 1000 mm wide and 900 mm high. Boon Edam has an extended range of alternative guide rails and can advise on any custom requirement.

Certificating
The Twinglock 300 is CE certified and complies with the EMC directive. (EM Emission EN 61000-3-2 (1995), EN 6000-3-3 (1995), EN 50081-1 (1992). EM Immunity EN 50082-1 (1997). Certificate N° 095461EM.005).

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Working principle

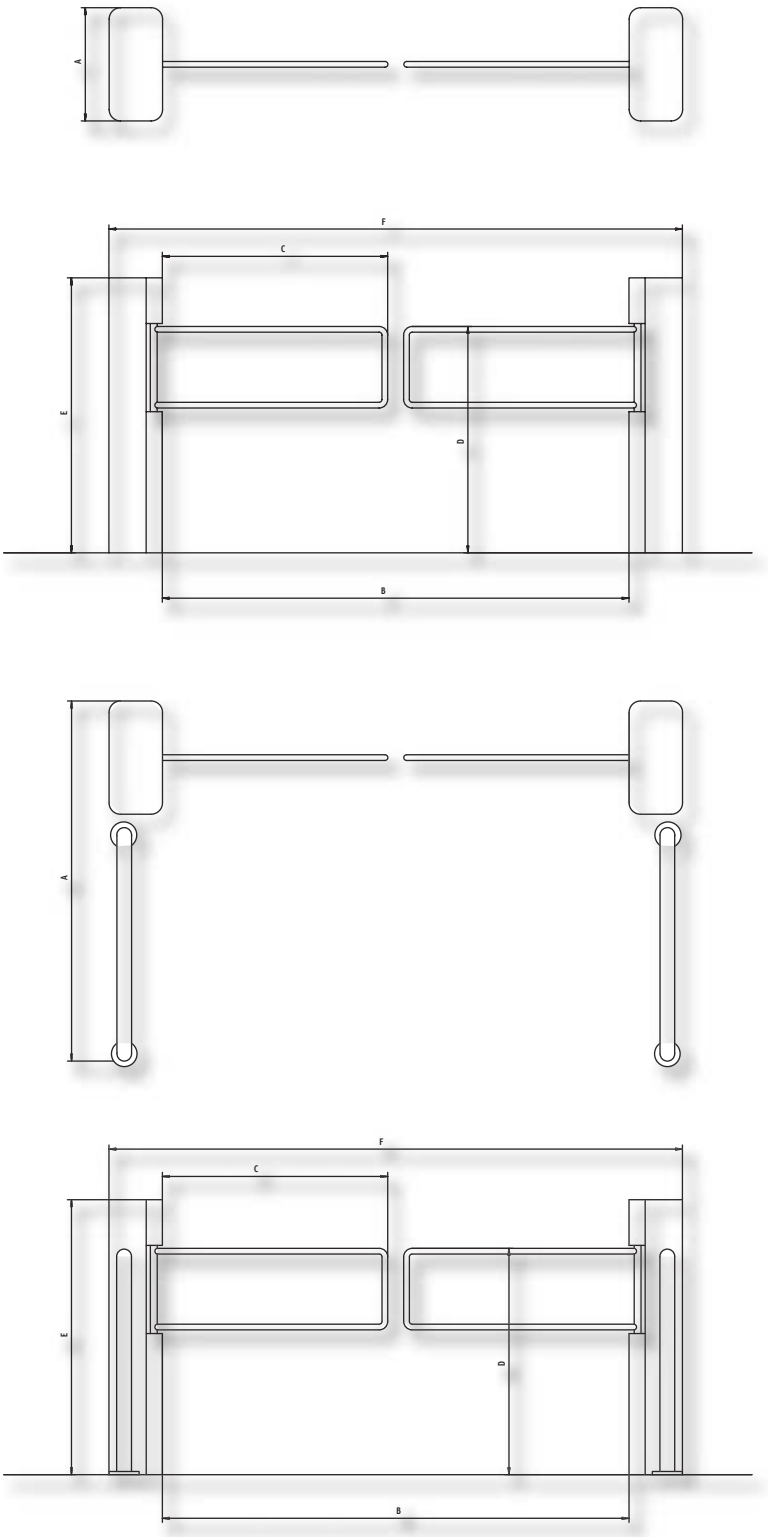
The user can be authorised via a card read system. Alternatively, authorisation can be given via an external control panel, for example at the reception desk. Once authorisation is given, the gate opens 90° and closes again by a timed action; the time can be adjusted to suit individual needs.

In case of a power failure the Twinglock 300 will unlock the mechanism to freely open and close. Optionally an anti-panic system can be installed to make the door wing move to the open position and create a completely free passage.

The working principle mode is:

- Access closed with electronic opening via card or ticket reader, coin or token selector, push buttons and/or control switches.

The Twinglock 300-L can additionally be operated with photoelectric cells.



Dimensions drawing and table

		Twinglock 300	Twinglock 300-L
A	Column/ Passage length	280 mm	1000 mm
B	Passage width	Max. 1650 mm Variable from 1010 mm	Max. 1650 mm Variable from 1010 mm
C	Door wing length	Standard 800 mm each Variable from 500 mm each	Standard 800 mm each Variable from 500 mm each
D	Door wing height (from floor)	900 mm	900 mm
E	Column height	1080 mm	1080 mm
F	Overall width	1350 to 1990 mm	1350 to 1990 mm

Twinglock 300

Twinglock 300 features:

- Cost effective security solution
- Especially suitable for buildings concerned with large goods
- Neutral design to match any environment
- Service and maintenance possible through locked side panels

Distributor

TK300-1203-GBR-95903264

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