

Winglock 300



The Winglock 300 belongs to the group of Security Barriers of Boon Edam and offers a cost effective low security control. 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.

The access control of passage is possible in only one direction i.e. single-directional. The Winglock 300 has a very compact design and consists of a tube framed door wing with tinted polycarbonate glazing. The door wing has a standard length of 800 mm and can vary in length from a minimum of 500 mm, to match the available entrance width.

The Winglock 300 pedestal offers sufficient space to install a pictogram display. It is also possible to connect a separate installed pedestal for the installation of a card reader. The

Winglock 300 is also available with additional guide rails incorporating sensors (Winglock 300-L), to create a detection way that allows automatic opening via photocells located on the pedestal and on the guide rails. Alternatively a card reader can be installed on the guide rail.

For an extra wide entrance Boon Edam offers the Twinglock 300, which is based on a double version of the Winglock 300, with two opposing door panels. The Twinglock 300 is especially useful for entrances where larger luggage or trolleys are used.

Winglock 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

One pedestal: 30 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

100 Watt

Power failure

In the event of a power failure, the barrier panel 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 of the unit 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 Winglock.
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Guide Rails

The guide rail types 500-TR with a mid rail and 500-GL with tinted polycarbonate glazing, match the Winglock 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 Winglock 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).

Working principle

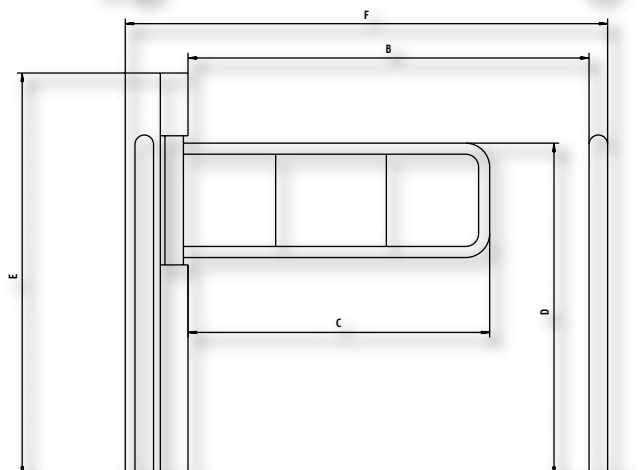
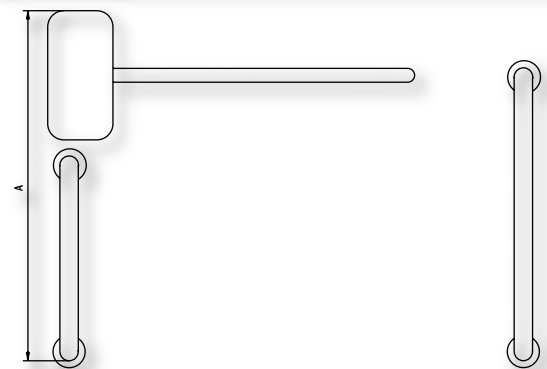
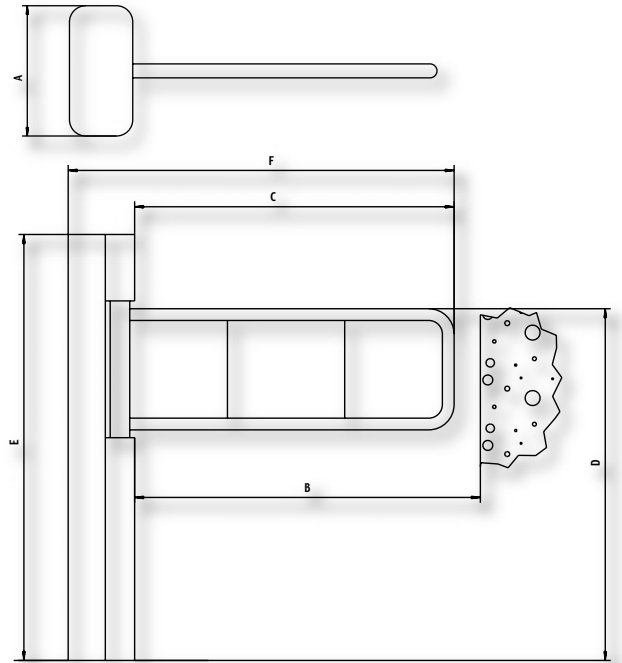
The user can be authorised via a card read system. Alternatively, authorisation can be given via an external control panel, for example at the reception desk. Once authorisation is given, the gate opens 90° and closes again by timed action; the time can be adjusted to suit individual needs.

In case of a power failure the Winglock 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 is:

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

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



Dimensions drawing and table

		Winglock 300	Winglock 300-L
A	Column/ Passage length	280 mm	280 mm
B	Passage width	Max 850 mm Variable from 550 mm	Max 850 mm Variable from 550 mm
C	Door wing length	Standard 800 mm Variable from 500 mm	Standard 800 mm Variable from 500 mm
D	Door wing height (from floor)	900 mm	900 mm
E	Column height	1080 mm	1080 mm
F	Overall width	Standard 970 mm	Standard 1140 mm (incl. guide rail)

Winglock 300

Winglock 300 features:

- Very space efficient access control barrier
- Cost effective security solution
- Neutral design to match any environment
- Service and maintenance possible through locked side panels



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Distributor

WK300-1203-GBR-95903294