



Argus
Speed Barriers
Sensor Gates

Elegant Argus Speed Barriers and Sensor Gates

Easy to use
Inviting
Unique

Two product lines

The units in the Argus product range consist of a sensor-controlled passage with automatic door elements in various versions. They provide for convenient contactless passage, even with bags or luggage. There are two product lines available, depending on how the door wings open.

Slender Argus HSB (Half-height speed barriers)

Tried-and-tested HSB Speed Barriers are equipped with door leaves and can be individually customised thanks to the wide range of materials and finishes. You can

choose between a stainless steel housing or transparent side walls – matching the design of the entrance area. Moreover the sensor barriers are available in three different lengths – depending on the sensor system used and the level of security desired.

Robust Argus HSG (Half-height sensor gates)

The HSG Sensor Gates are equipped with door leaves available in different heights. Further features include the premium sensor system and the solid stainless steel housing. During passage, the sliding panels move swiftly into the housing.



Advantages of Argus Speed Barriers and Sensor Gates

The modular combination of personal safety, throughput rate and design enables entrances to be customised as required.

HSB Speed Barriers

- comfortable passage, even with bags or luggage
- no contact with the door leaves
- high throughput rate along with high level of personal safety
- different security levels for diverse security demands
- versatile transparent designs
- modular system with basic and extension units for multi-passage installations
- door wings always open in direction of passage
- automatic sneak-by guard (note security level)
- acoustic alarm when used without authorisation
- child detection (note security level)
- special 900 mm width available – suitable for disabled users

HSG Sensor Gates

- comfortable passage, even with bags or luggage
- no contact with the door leaves
- high throughput rate along with high level of personal safety
- robust stainless steel body
- modular system with basic and extension units for multi-passage installations
- automatic sneak-by guard (note security level)
- acoustic alarm when used without authorisation
- child detection (note security level)



Additional versions with a larger passage width for sensor barriers or with automatic swing doors in matching design for speed gates offer a good solution for disabled access.

The ideal solution for any entrance



Robust yet looks great in combination with glass



Speed barriers stylishly integrated into timeless interiors

Speed barriers with extension units



Display with green and red signals shows clearly if the way is barred or free

For convenient entry into:

- Office and administrative buildings
- Ministries and government buildings
- Banks and financial institutions
- Airports
- Industrial buildings
- Schools and universities

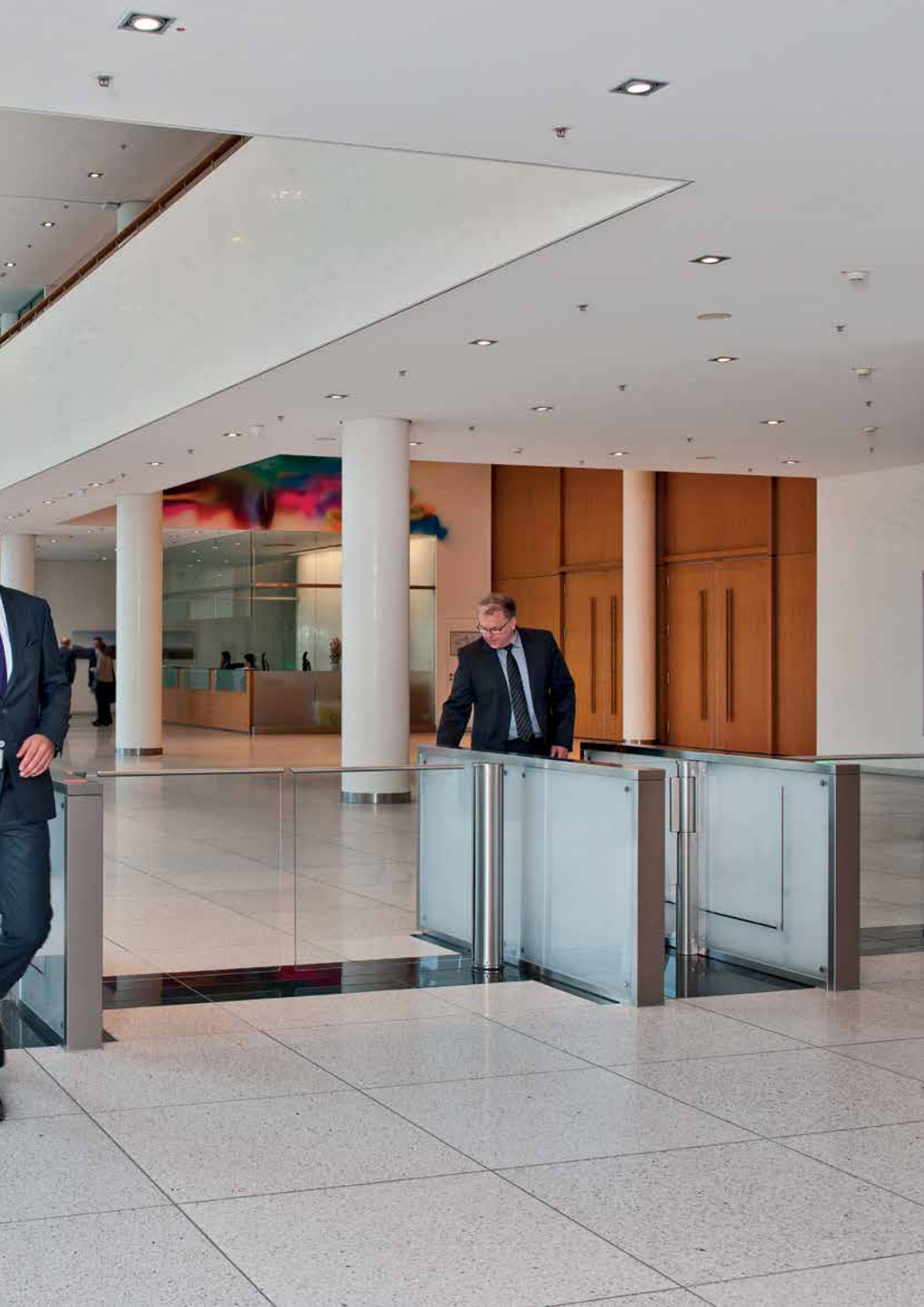
HSB Speed Barriers

Throughput rate = up to 30 per minute
Security level = ●●●○○
Comfort = ●●●●●
Staff supervision = yes

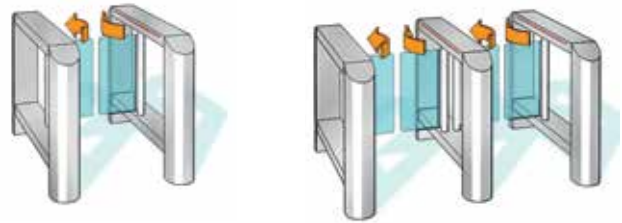
HSG Sensor Gates

Throughput rate = up to 30 per minute
Security level = ●●●○○
Comfort = ●●●●●
Staff supervision = yes





Argus Speed Barriers



Standard units

| | |
|---------------------|---|
| Construction | Interlock height |
| | Interlock length |
| | Passage width |
| | Total width |
| | Housing, base columns, guiding elements |
| Barrier elements | |

Finish

Function

Drives

Operating modes

Electrical components

| |
|---|
| Power supply |
| Standby power consumption |
| Standard adjustment in event of power failure |

Installation

Protection classes

- * Type 2: power-assisted motion; two servo-positioning drives/electrically controlled in both directions.
- ** Basic position **open** "day operation": the door leaves are closed automatically if authorisation is not granted for passage. Basic position **closed** "night-operation": the door leaves open automatically in the direction of passage and then close again if authorisation is granted.

HSB-E10

| | |
|---|--|
| 1020 | |
| 1470 | |
| 650 | |
| 1050 | |
| AISI 304 stainless steel with satin finish. | |

Two door leaves made of transparent polycarbonate, upper edge 900 mm.

Swinging area monitored by separation sensors.

Stainless steel satin finish.

Type 2 *

Integrated in the swing tube.

Security level 0.
Passage area monitored by simple sensor system with a short installation length (simple level of single passage monitoring in both directions).

Closed.**

Control system and power supply integrated in the unit.

100 - 240 VAC, 50/60 Hz, 368 VA.

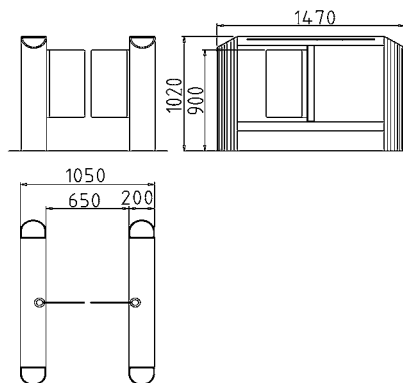
17 VA.

Door leaves move freely.

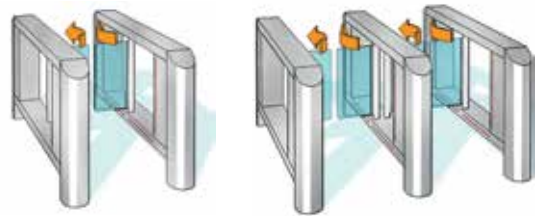
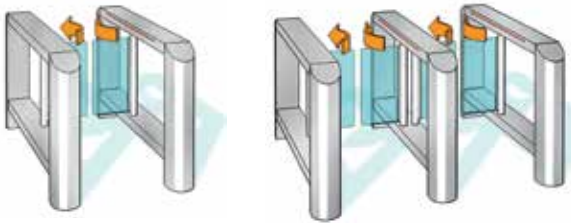
Dowelled on finished floor level, FFL.

Not suitable for outdoor installation.

Housing IP43, components conducting supply voltage IP43.



All dimensions in mm

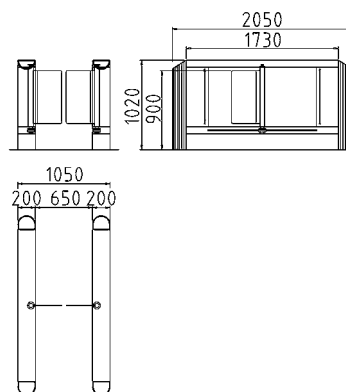
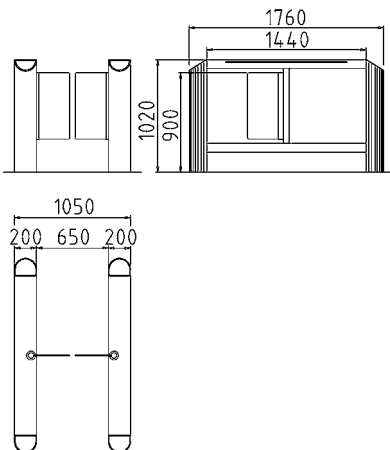


HSB-E02

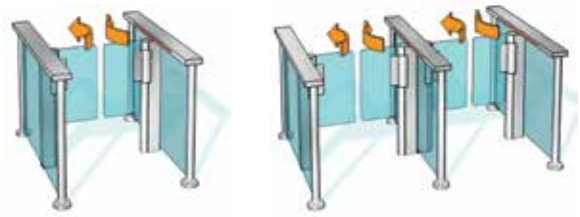
| |
|--|
| 1020 |
| 1760 |
| 650 |
| 1050 |
| AISI 304 stainless steel with satin finish. |
| Two door leaves made of transparent polycarbonate, upper edge 900 mm. |
| Swinging area monitored by separation sensors. |
| Stainless steel satin finish. |
| Type 2 * |
| Integrated in the swing tube. |
| Security level 1. Passage area monitored by basic sensor system with a compact installation length (basic level of single passage monitoring in both directions). |
| Open or closed.** |
| Control system and power supply integrated in the unit. |
| 100 - 240 VAC, 50/60 Hz, 368 VA. |
| 17 VA. |
| Door leaves move freely. |
| Dowelled on finished floor level, FFL. |
| Not suitable for outdoor installation. |
| Housing IP43, components conducting supply voltage IP43. |

HSB-E04

| |
|---|
| 1020 |
| 2050 |
| 650 |
| 1050 |
| AISI 304 stainless steel with satin finish. |
| Two door leaves made of transparent polycarbonate, upper edge 900 mm. |
| Swinging area monitored by separation sensors. |
| Stainless steel satin finish. |
| Type 2 * |
| Integrated in the swing tube. |
| Security level 2. Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions). Integrated sneak-by guard, detection of children and trolley cases. |
| Open or closed.** |
| Control system and power supply integrated in the unit. |
| 100 - 240 VAC, 50/60 Hz, 368 VA. |
| 17 VA. |
| Door leaves move freely. |
| Dowelled on finished floor level, FFL. |
| Not suitable for outdoor installation. |
| Housing IP43, components conducting supply voltage IP43. |

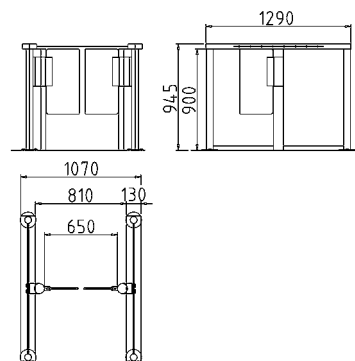


Argus Speed Barriers

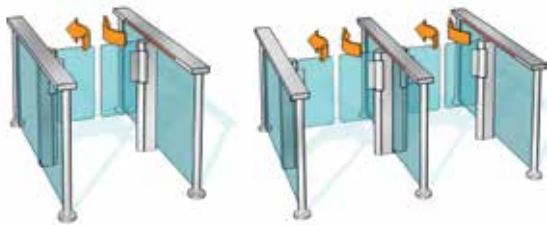


| Standard units | | HSB-E11 |
|------------------------------|---|--|
| Construction | Interlock height | 945 |
| | Interlock length | 1290 |
| | Passage width | 650 |
| | Total width | 1070 |
| | Housing, base columns, guiding elements | AISI 304 Ø 60 mm stainless steel tube with 10 mm toughened safety glass panel and AISI 304 stainless steel handrail with integrated sensor system. |
| | Barrier elements | Two door leaves made of transparent polycarbonate, upper edge 900 mm. |
| Finish | | Swinging area monitored by separation sensors. |
| Function | | Stainless steel satin finish. |
| | Drives | Type 2 * Integrated in the swing tube. |
| | Operating modes | Security level 0. Passage area monitored by simple sensor system with a short installation length (simple level of single passage monitoring in both directions). |
| Electrical components | | Closed.** |
| | Power supply | Control system and power supply integrated in the unit. |
| | Standby power consumption | 100 - 240 VAC, 50/60 Hz, 368 VA. |
| | Standard adjustment in event of power failure | 17 VA. |
| Installation | | Door leaves move freely. |
| | | Dowelled on finished floor level, FFL. |
| Protection classes | | Not suitable for outdoor installation. |
| | | Housing IP32, components conducting supply voltage IP42. |

- * Type 2: power-assisted motion; two servo-positioning drives/electrically controlled in both directions.
- ** Basic position **open** "day operation": the door leaves are closed automatically if authorisation is not granted for passage. Basic position **closed** "night-operation": the door leaves open automatically in the direction of passage and then close again if authorisation is granted.

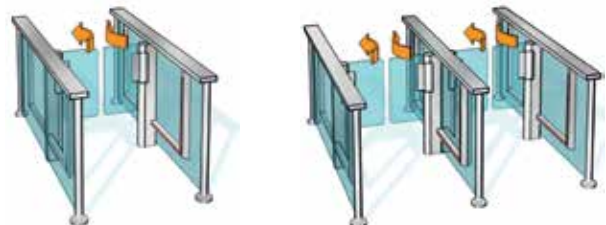
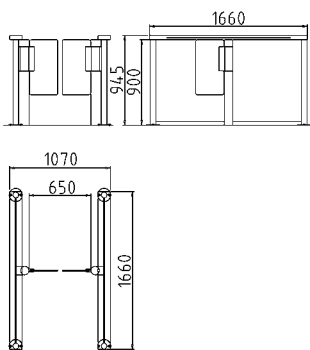


All dimensions in mm



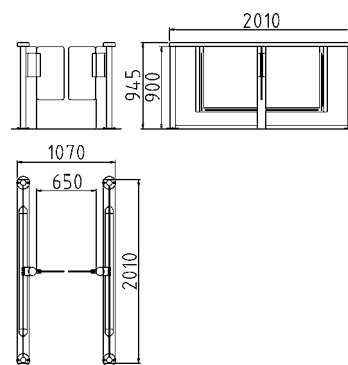
HSB-E07

| |
|--|
| 945 |
| 1660 |
| 650 |
| 1070 |
| AISI 304 Ø 60 mm stainless steel tube with 10 mm toughened safety glass panel and AISI 304 stainless steel handrail with integrated sensor system. |
| Two door leaves made of transparent polycarbonate, upper edge 900 mm. |
| Swinging area monitored by separation sensors. |
| Stainless steel satin finish. |
| Type 2 * |
| Integrated in the swing tube. |
| Security level 1. Passage area monitored by basic sensor system with a compact installation length (basic level of single passage monitoring in both directions). |
| Open or closed.** |
| Control system and power supply integrated in the unit. |
| 100 - 240 VAC, 50/60 Hz, 368 VA. |
| 17 VA. |
| Door leaves move freely. |
| Dowelled on finished floor level, FFL. |
| Not suitable for outdoor installation. |
| Housing IP32, components conducting supply voltage IP42. |

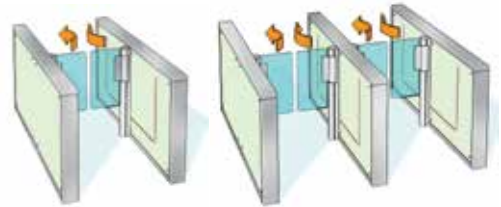


HSB-E08

| |
|---|
| 945 |
| 2010 |
| 650 |
| 1070 |
| AISI 304 Ø 60 mm stainless steel tube with 10 mm toughened safety glass panel and AISI 304 stainless steel handrail as well as horizontal and vertical sensors mounted on the guiding elements. |
| Two door leaves made of transparent polycarbonate, upper edge 900 mm. |
| Swinging area monitored by separation sensors. |
| Stainless steel satin finish. |
| Type 2 * |
| Integrated in the swing tube. |
| Security level 2. Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions). Integrated sneak-by guard, detection of children and trolley cases. |
| Open or closed.** |
| Control system and power supply integrated in the unit. |
| 100 - 240 VAC, 50/60 Hz, 368 VA. |
| 17 VA. |
| Door leaves move freely. |
| Dowelled on finished floor level, FFL. |
| Not suitable for outdoor installation. |
| Housing IP32, components conducting supply voltage IP42. |



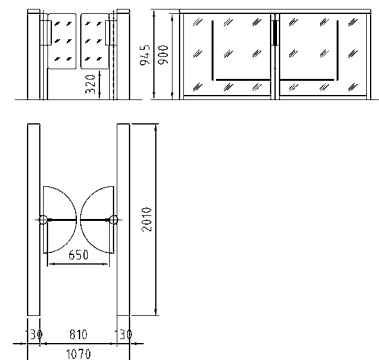
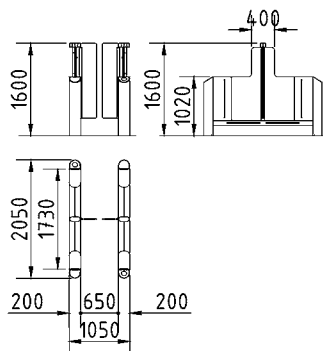
Argus Speed Barriers



| Standard units | HSB-E12 | HSB-S05 |
|---|--|--|
| Construction | | |
| Interlock height | 1600 | 945 |
| Interlock length | 2050 | 2010 |
| Passage width | 650 | 650 |
| Total width | 1050 | 1070 |
| Housing, base columns, guiding elements | AISI 304 stainless steel with satin finish. | Rectangular AISI 304 stainless steel posts with 8 mm satin-finished toughened safety glass panel and AISI 304 stainless steel handrail as well as horizontal and vertical sensors integrated in the guiding elements. |
| Barrier elements | Two door leaves made of transparent polycarbonate, upper edge 1600 mm. Swinging area monitored by separation sensors. | Two door leaves made of transparent polycarbonate, upper edge 900 mm. Swinging area monitored by separation sensors. |
| Finish | Stainless steel satin finish. | Stainless steel satin finish. |
| Function | Type 2 * | Type 2 * |
| Drives | Integrated in the swing tube. Security level 2. Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions). Integrated sneak-by guard, detection of children and trolley cases. | Integrated in the swing tube. Security level 2. Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions). Integrated sneak-by guard, detection of children and trolley cases. |
| Operating modes | Open or closed.** | Open or closed.** |
| Electrical components | Control system and power supply integrated in the unit. | Control system and power supply integrated in the unit. |
| Power supply | 100 - 240 VAC, 50/60 Hz, 368 VA. | 100 - 240 VAC, 50/60 Hz, 368 VA. |
| Standby power consumption | 17 VA. | 17 VA. |
| Standard adjustment in event of power failure | Door leaves move freely. | Door leaves move freely. |
| Installation | Dowelled on finished floor level, FFL. Not suitable for outdoor installation. | Dowelled on finished floor level, FFL. Not suitable for outdoor installation. |
| Protection classes | Housing IP43, components conducting supply voltage IP43. | Housing IP32, components conducting supply voltage IP42. |

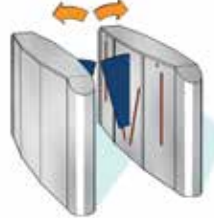
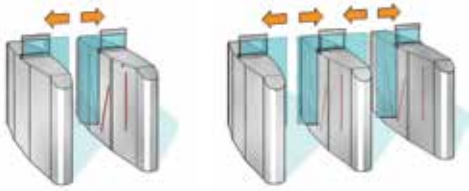
* Type 2: power-assisted motion; two servo-positioning drives/electrically controlled in both directions.

** Basic position open "day operation": the door leaves are closed automatically if authorisation is not granted for passage.
Basic position closed "night operation": the door leaves open automatically in the direction of passage and then close again if authorisation is granted.



All dimensions in mm

Argus Sensor Gates



HSG-E01

1020
2050
600
1240

AISI 304 stainless steel with satin finish.

Two barrier elements made of toughened safety glass, upper edge 1200 mm (max. 1800 mm, see options).

Movement area monitored by a light grid.

Stainless steel satin finish.

Type 2 *

Integrated in housing.

Security level 2.

Passage area monitored by enhanced sensor system with an optimised installation length and arrangement (increased level of single passage monitoring in both directions). Integrated sneak-by guard, detection of children and trolley cases.

Open or closed.**

Control system and power supply integrated in the unit.

100 - 240 VAC, 50/60 Hz, 299 VA.

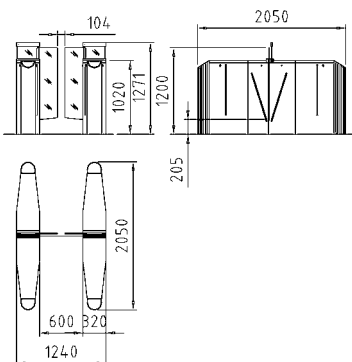
17 VA.

Door leaves open.

Dowelled on finished floor level, FFL.

Not suitable for outdoor installation.

Housing IP32, components conducting supply voltage IP42.



HSG-L01

1020
2050
600
1240

AISI 304 stainless steel with satin finish.

Made of 22 mm polyurethane foam.

Stainless steel satin finish.

Type 2 *

Arched, power-assisted motion of both door leaves into the housing.

Enhanced monitoring of single-file access in both directions. Monitoring of the movement area of the barrier elements by light grids.

Open or closed.**

Control system and power supply integrated in the unit.

100 - 240 VAC, 50/60 Hz, 299 VA.

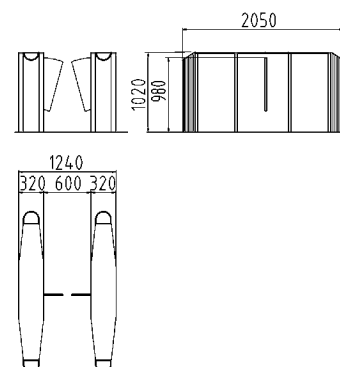
20 VA.

Door leaves open.

Dowelled on finished floor level, FFL.

Not suitable for outdoor installation.

Housing IP32, components conducting supply voltage IP42.

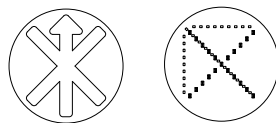


Options (depending on unit type)

| | HSB-E10 | HSB-E02 | HSB-E04 | HSB-E11 | HSB-E07 | HSB-E08 | HSB-E12 | HSB-S05 | HSG-E01 | HSG-L01 |
|---|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Construction | | | | | | | | | | |
| Cover plate made of wood. | | | • | | | • | | | | |
| Passage width increased to 900 mm for disabled users and transit of goods. | • | • | • | • | • | • | • | • | • | • |
| Angular base columns. | | | | • | • | • | | | • | • |
| AISI 304 back wall. | • | • | • | | | | | | | |
| AISI 304 closed base. | • | • | • | | | | | • | | |
| Door leaf extends to a height of 1200 mm instead of 900 mm. | | | | | | • | | • | | |
| Door leaf extends to a height of 1800 mm instead of 1200 mm. | | | | | | | | | • | |
| Door leaf extends to a height of 1800 mm instead of 1600 mm. | | | | | | | • | | | |
| Function | | | | | | | | | | |
| Emergency and escape route modules with emergency push button, additional emergency push button available. | • | • | • | • | • | • | • | • | | |
| Electrical equipment | | | | | | | | | | |
| Installation preparation on flat surface for on-site components or using mounting plate for surface installation. | • | • | • | • | • | • | • | • | • | • |
| Plastic cover plates instead of stainless steel plate for installation of antennas provided by customer. | • | • | • | | | | • | | • | • |
| Push button for manual single release. | • | • | • | • | • | • | • | • | • | • |
| Operating panel and frame or surface mount housing. | • | • | • | • | • | • | • | • | • | • |
| Additional circuit boards for expanding existing inputs and outputs. | • | • | • | • | • | • | • | • | • | • |
| Various signal devices. | • | • | • | • | • | • | • | • | • | • |
| Installation | | | | | | | | | | |
| Pallet with stainless steel ramp and norament rubber covering, height approx. 80 mm. | | | | | | | | | • | • |
| Pallet with stainless steel ramp and norament rubber covering, height approx. 32 mm. | • | • | • | • | • | • | • | • | | |
| On adjustable mounting plate X = 80 - 180 mm for sub floor level. | • | • | • | • | • | • | • | • | | |
| With cast-in clamping elements and cover rosettes for sub floor level. | | | | • | • | • | | | | |



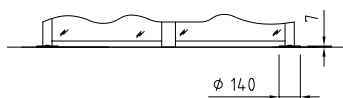
OPL 05 operating panel.



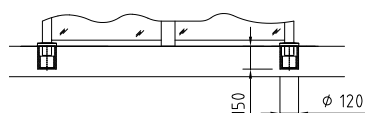
Signal device LED arrow-cross (installed in the housing or in the cover plate of both sides)



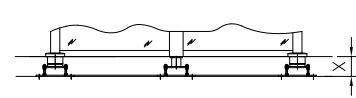
Console 1 with plastic adapter in RAL 9006, W/H/D 94/94/65 mm with Ø 65 mm cut-out, fixed to lateral barrier.



Installation HSB-E07, -E08, -E11 dowelled on finished floor level FFL



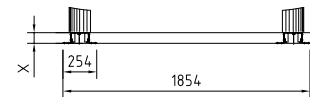
Cast-in with clamping elements



on sub floor level SFL with mounting plates



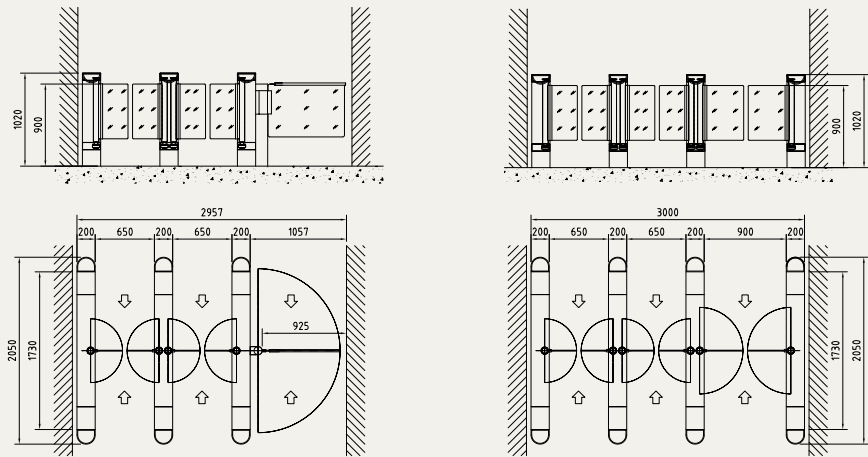
Installation HSB-E02, -E04, -E10, -E12 dowelled on finished floor level FFL



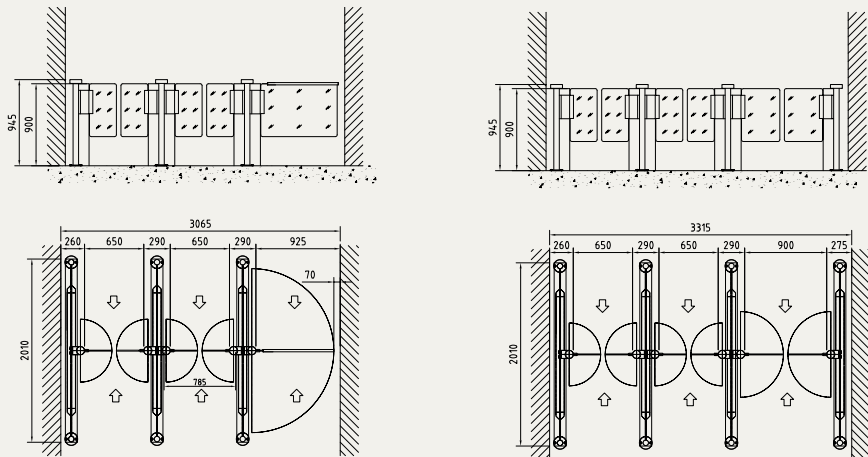
on sub floor level SFL with mounting plates

Installation diagrams

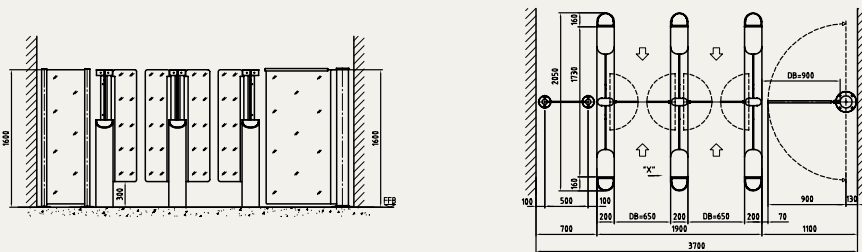
HSB-E04 examples



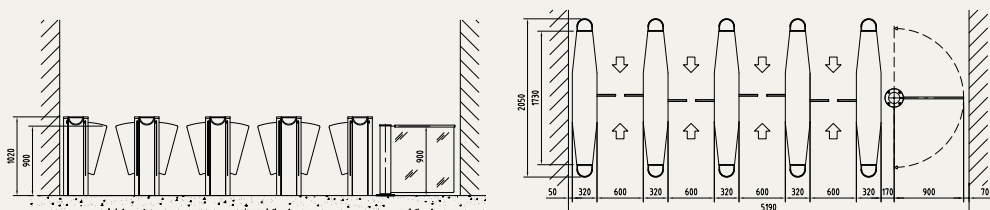
HSB-E08 examples



HSB-E12 examples



HSG-L01 examples





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