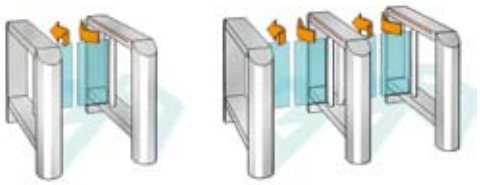
Product Facts Argus
HSB Half-Height Sensor Barriers
HSG Half-Height Sensor Gates

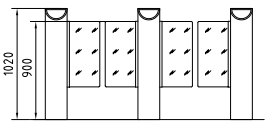
Half-height Sensor Barriers HSB

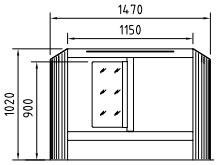
Basic equipment

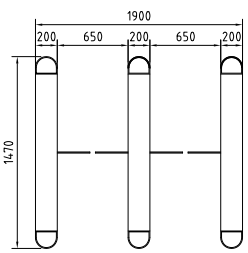
		HSB-E10
		
Note		description of single unit
Construction	interlock height	1020
	interlock length	1470
	passage width	650
	total width	1050
	housing, base columns, guiding elements	stainless steel AISI 304
	barrier elements	door wings made of transparent polycarbonate
		rotation angle monitored by singeling out sensors
Finish		stainless steel satin finish
Function		type 2*
	drives	integrated in the rotating tube
		security level 0 entrance sector monitored by simple sensor system in short overall length (simple level of single passage regulation in both directions)
	operation modes	open or closed **
Electrical components		ETS 21, control system and power supply integrated in the unit
		power supply 110 – 230 VAC, 50/60 Hz
		standby power consumption 17 VA
	standard adjustment in case of power failure	barrier elements can be moved freely
Installation		dowelled on finished floor level FFL
		not suitable for outdoor installation!

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

** Basic position **open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorisation. Basic position **closed** „night-operation“: The barrier elements open automatically for authorised persons in the passage direction and then close again after passage.

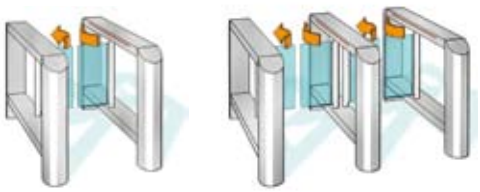




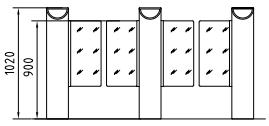


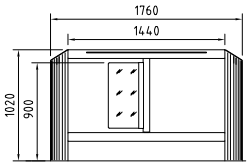
All dimensions in mm

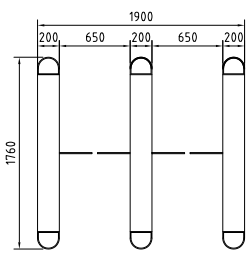
HSB-E02



description of single unit
1020
1760
650
1050
stainless steel AISI 304
door wings made of transparent polycarbonate
rotation angle monitored by singeling out sensors
stainless steel satin finish
type 2*
integrated in the rotating tube
security level 1
entrance sector monitored by basic sensor system in
compact overall length (ground level of
single passage regulation in both directions)
open or closed **
ETS 21, control system and power supply integrated in the unit
power supply 110 – 230 VAC, 50/60 Hz
standby power consumption 17 VA
barrier elements can be moved freely
dowelled on finished floor level FFL
not suitable for outdoor installation!







Half-height Sensor Barriers HSB

Basic equipment

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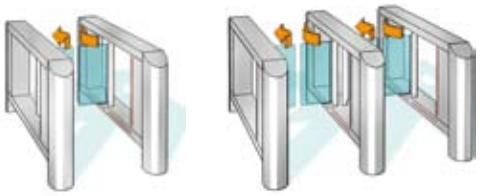
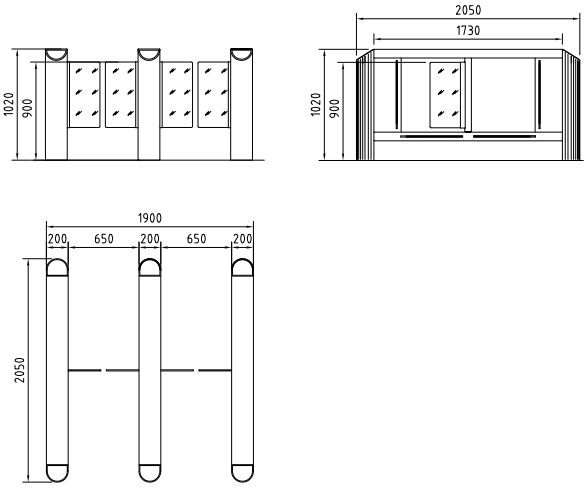
		
Note		description of single unit
Construction	interlock height	1020
	interlock length	2050 (with elliptic base columns 2130)
	passage width	650
	total width	1050
	housing, base columns, guiding elements	stainless steel AISI 304
	barrier elements	door wings made of transparent polycarbonate
		rotation angle monitored by singeling out sensors
Finish		stainless steel satin finish
Function		type 2*
	drives	integrated in the rotating tube
		security level 2 entrance sector monitored by enhanced sensor system in optimised overall length and adjustment (increased level of single passage regulation in both directions). Integrated protection against entry from below, identification of trollies, detection of children
	operation modes	open or closed **
Electrical components		ETS 21, control system and power supply integrated in the unit
		power supply 110 – 230 VAC, 50/60 Hz
		standby power consumption 17 VA
	standard adjustment in case of power failure	barrier elements can be moved freely
Installation		dowelled on finished floor level FFL
		not suitable for outdoor installation!
Protection class		

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

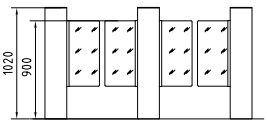
** Basic position **open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorisation. Basic position **closed** „night-operation“: The barrier elements open automatically for authorised persons in the passage direction and then close again after passage.

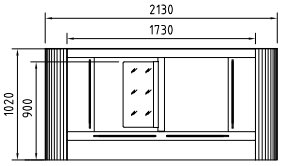


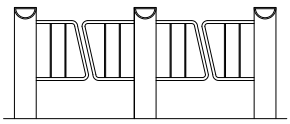
All dimensions in mm

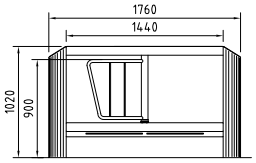
Option

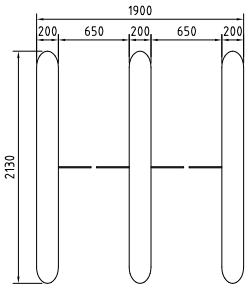
	HSB-M01
 	
	description of single unit
	1020
	1760
	900
	1300
	stainless steel AISI 304
	curved stainless steel tubes AISI 304 Ø26,9 mm with vertical bars 10 mm
HSB-E04 with option "elliptic base columns"	rotation angle monitored by a light curtain
	stainless steel satin finish
	type 2*
	integrated in the rotating tube
	security level 1 Passage area monitored by sensors beneath the barrier elements and inductions loops embedded in the floor (single passage regulation with bike in both directions)
	just closed **
	ETS 21, control system and power supply integrated in the unit
	power supply 110 – 230 VAC, 50/60 Hz
	standby power consumption 17 VA
	barrier elements can be moved freely
	dowelled on finished floor level FFL
	suitable for outdoor installation
	housing IP 33, components conducting supply voltage IP 43

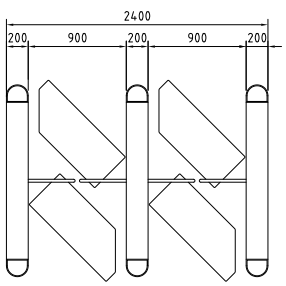






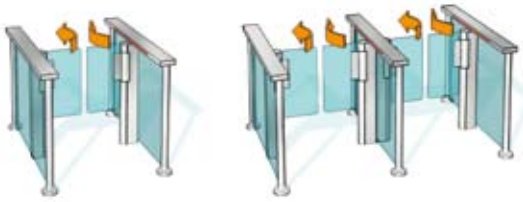






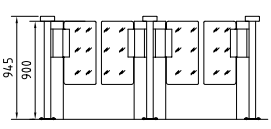
Half-height Sensor Barriers HSB

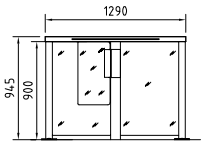
Basic equipment

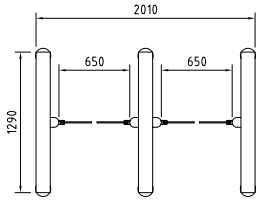
		HSB-E11
		
Note		description of single unit
Construction	interlock height	945
	interlock length	1290
	passage width	650
	total width	1070
	housing, base columns, guiding elements	stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 with integrated sensor system
	barrier elements	door wings made of transparent polycarbonate
		rotation angle monitored by singeling out sensors
Finish		stainless steel satin finish
Function		type 2*
	drives	integrated in the rotating tube
		security level 0 entrance sector monitored by simple sensor system in short overall length (simple level of single passage regulation in both directions)
	operation modes	open or closed **
Electrical components		ETS 21, control system and power supply integrated in the unit
		power supply 110 – 230 VAC, 50/60 Hz
		standby power consumption 17 VA
	standard adjustment in case of power failure	barrier elements can be moved freely
Installation		dowelled on finished floor level FFL
		not suitable for outdoor installation!

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

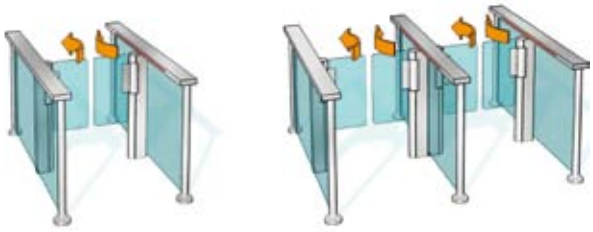
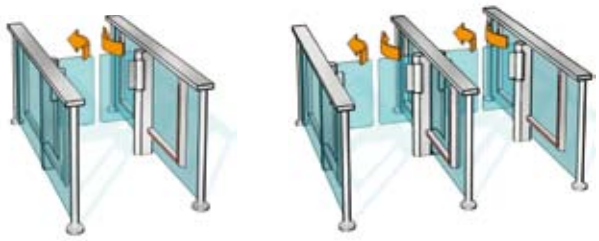
** Basic position **open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorisation. Basic position **closed** „night-operation“: The barrier elements open automatically for authorised persons in the passage direction and then close again after passage.

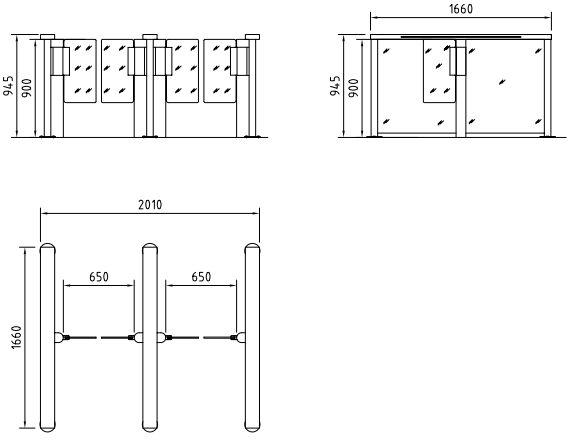


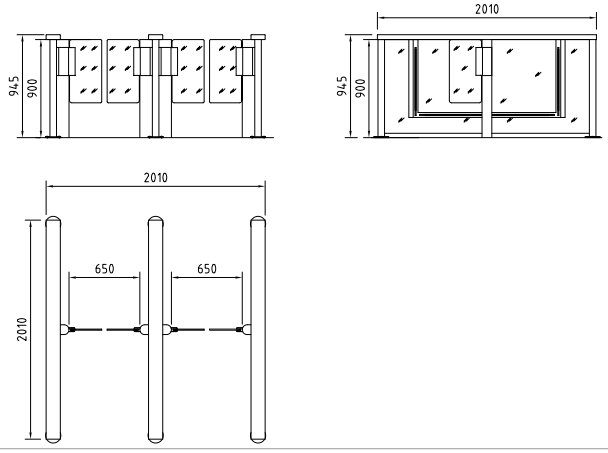




All dimensions in mm

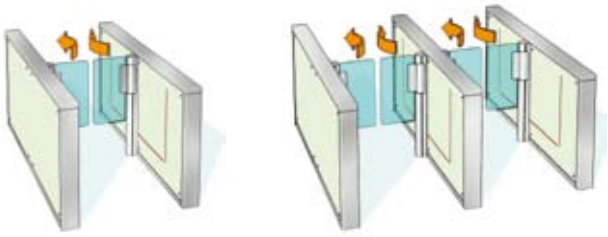
HSB-E07	HSB-E08
	
description of single unit	description of single unit
945	945
1660	2010
650	650
1070	1070
stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 with integrated sensor system	stainless steel tube AISI 304 Ø 60 mm with 10 mm toughened glass panel and stainless steel bar handle AISI 304 as well as vertical and horizontal sensors mounted on the guiding elements
door wings made of transparent polycarbonate	door wings made of transparent polycarbonate
rotation angle monitored by singeling out sensors	rotation angle monitored by singeling out sensors
stainless steel satin finish	stainless steel satin finish
type 2*	type 2*
integrated in the rotating tube	integrated in the rotating tube
security level 1 entrance sector monitored by basic sensor system in compact overall length (ground level of single passage regulation in both directions)	security level 2 entrance sector monitored by enhanced sensor system in optimised overall length and adjustment (increased level of single passage regulation in both directions). Integrated protection against entry from below, identification of trollies, detection of children
open or closed **	open or closed **
ETS 21, control system and power supply integrated in the unit	ETS 21, control system and power supply integrated in the unit
power supply 110 – 230 VAC, 50/60 Hz	power supply 110 – 230 VAC, 50/60 Hz
standby power consumption 17 VA	standby power consumption 17 VA
barrier elements can be moved freely	barrier elements can be moved freely
dowelled on finished floor level FFL	dowelled on finished floor level FFL
not suitable for outdoor installation!	not suitable for outdoor installation!





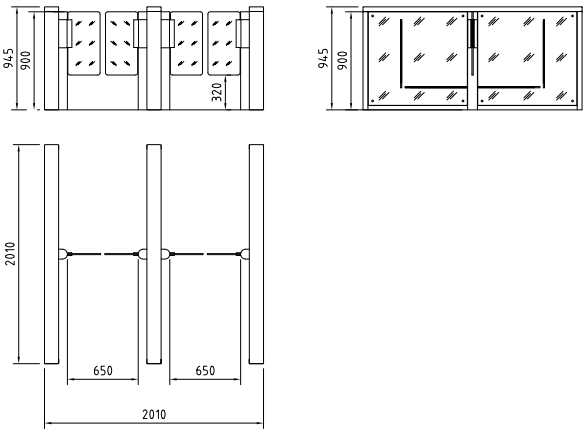
Half-height Sensor Barriers HSB and Sensor Gates HSG

Basic equipment

		HSB-S05
		
Note		description of single unit
Construction	interlock height	945
	interlock length	2010
	passage width	650
	total width	1070
	housing, base columns, guiding elements	rectangular stainless steel posts AISI 304 with 10 mm toughened satined glass panel and stainless steel bar handle AISI 304 as well as vertical and horizontal sensors mounted on the guiding elements
	barrier elements	door wings made of transparent polycarbonate
		rotation angle monitored by singeling out sensors
Finish		stainless steel satin finish
Function		type 2*
	drives	integrated in the rotating tube
		security level 2 entrance sector monitored by enhanced sensor system in optimised overall length and adjustment (increased level of single passage regulation in both directions). Integrated protection against entry from below, identification of trollies, detection of children
	operation modes	open or closed **
Electrical components		ETS 21, control system and power supply integrated in the unit
		power supply 110 – 230 VAC, 50/60 Hz
		standby power consumption 17 VA
	standard adjustment in case of power failure	barrier elements can be moved freely
Installation		dowelled on finished floor level FFL
		not suitable for outdoor installation!

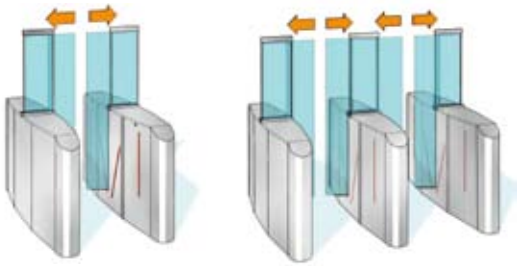
* type 2: power assisted motion; two servo-positioning drives/ electrically controlled in both directions

** Basic position **open** „day-operation“: the barrier elements close automatically, if somebody tries to pass without authorisation. Basic position **closed** „night-operation“: The barrier elements open automatically for authorised persons in the passage direction and then close again after passage.



All dimensions in mm

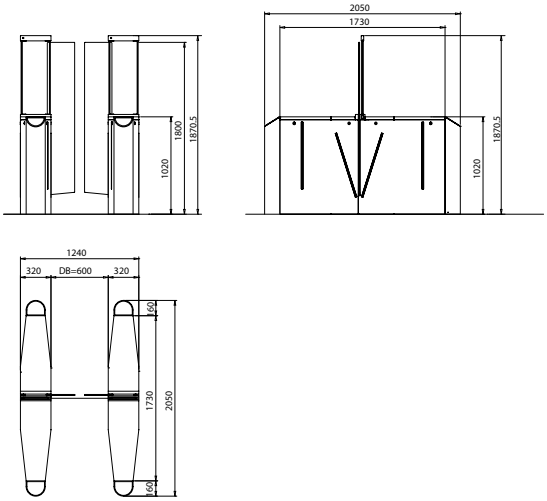
HSG-E01



description of single unit
1020
2050
600
1240
stainless steel AISI 304

toughened glass motor-driven sliding motion of door wings into the housing
range of movement is monitored by a light curtain
stainless steel satin finish
type 2*
integrated in housing
security level 2 entrance sector monitored by enhanced sensor system in optimised overall length and adjustment (increased level of single passage regulation in both directions). Integrated protection against entry from below, identification of trollies, detection of children

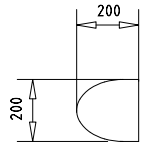
open or closed **
ETS 21, control system and power supply integrated in the unit
power supply 110 – 230 VAC, 50/60 Hz
standby power consumption 17 VA
the barrier elements open
dowelled on finished floor level FFL
not suitable for outdoor installation!



Options for all HSB and HSG types

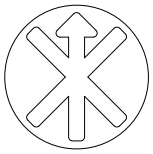
	HSB-E10	HSB-E02	HSB-E04	HSB-M01	HSB-E11	HSB-E07	HSB-E08	HSB-S05	HSG-E01
Construction									
• cover plate in wood	•	•	•		•	•	•	•	•
• extended swing door (entrance width 900 mm) for persons with reduced mobility and for transit of goods	•	•	•		•	•	•	•	
• elliptic base columns			•						
• angular base columns									•
• back wall made of AISI 304	•	•	•	•					
• closed base (AISI 304)	•	•	•						
• extended barrier elements to a height of 1200 mm instead of 900 mm							•	•	
• extended barrier elements to a height of 1800 mm instead of 1200 mm									•
Function									
• induction loops embedded in concrete stones				•					
• emergency module with emergency push-button, additional emergency push-button available	•	•	•	•	•	•	•	•	
Electrical components									
• installation preparation on flat surface or on mounting plate (surface installation) for on-site components	•	•	•	•	•	•	•	•	•
• Installation preparation for LEGIC-antennas (plastic cover plate instead of stainless steel plate for installation of antennas available)	•	•	•	•					
• push-button for manual single release	•	•	•	•	•	•	•	•	•
• protection against climbing over	•	•		•	•	•			
• operating panels and frames or housings for surface installation	•	•	•	•	•	•	•	•	•
• additional I/O boards to expand existing inputs and outputs	•	•	•	•	•	•	•	•	•
• miscellaneous signal devices	•	•	•	•	•	•	•	•	•
Installation									
• palette with stainless steel ramp with norament rubber covering, palette height 80 mm									•
• palette with stainless steel ramp with norament rubber covering, palette height 32 mm	•	•	•		•	•	•	•	
• on adjustable mounting plate X = 80 – 180 mm for structural floor level	•	•	•	•	•	•	•	•	•
• with cast in clamping sleeves and rosettes for structural floor level					•	•	•		

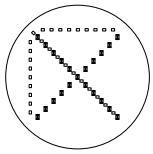
elliptic base colums



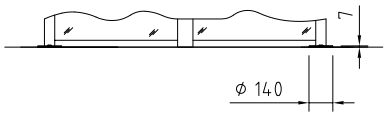
operating panel
OPL 05

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

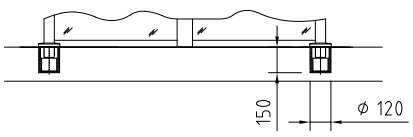




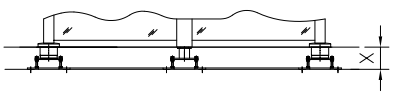
installation HSB-E07, -E08, -E11
dowelled on finished floor level FFL



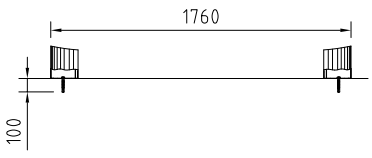
cast in with clamping sleeves



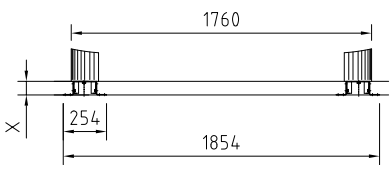
on structural floor level SFL with
mounting plate



installation HSB-E02, -E04, -E10, -M01
dowelled on finished floor level FFL

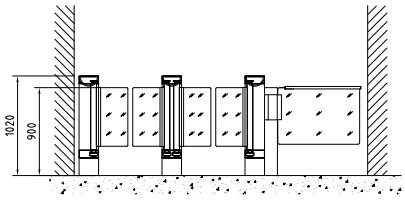


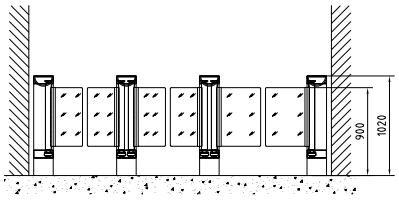
on structural floor level SFL with
mounting plate

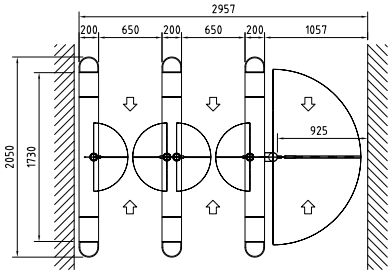


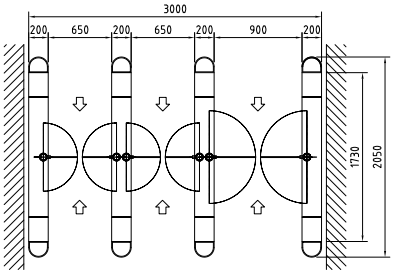
Assembly diagram

for instance HSB-E04

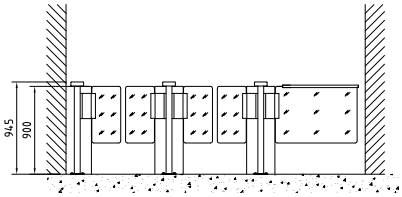


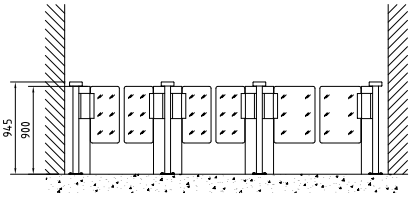


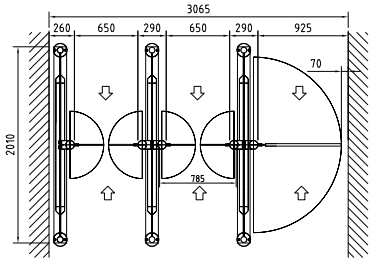


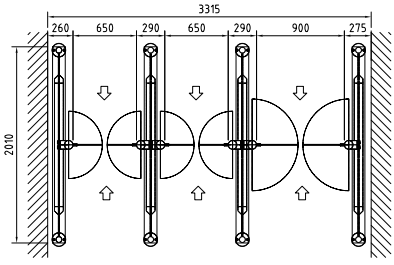


for instance HSB-E08

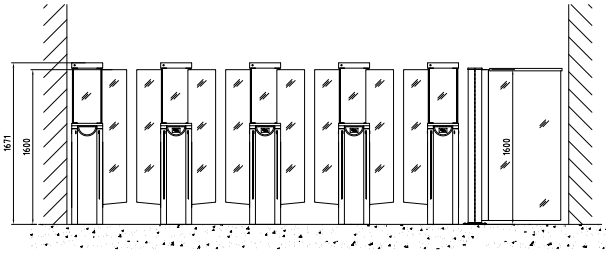


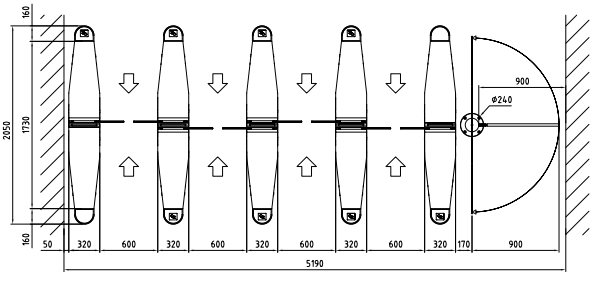






for instance HSG-E01





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