



BEYOND SECURITY

**KABA**<sup>®</sup>

Swing Doors  
Personal Guiding Bars  
Card Reader Posts

### Adaptable design

«The use of suitably-designed swing doors, personal guiding bars and card reader posts allows us to provide barrier-free access to our customers while at the same time ensuring a smooth process with automatic release.»





The automatic Charon swing doors offer a barrier-free solution.

# Benefits of swing doors, personal guiding bars and card reader posts

An ideal addition for every entry system

## **Swing Doors, HSD**

- > Adaptable design
- > Delicate transparent elements in stainless steel and glass
- > Ideal addition for tripod barriers, half-height turnstiles, sensor barriers and for goods transportation and barrier-free access
- > Comfortable passage with servo drive
- > Quiet, noiseless operation
- > Unit also opens under load
- > Unit locks in any position
- > Separation of drive and locking forces
- > Low energy consumption
- > Suitable for use in emergency and escape routes
- > Simple assembly on finished floor level

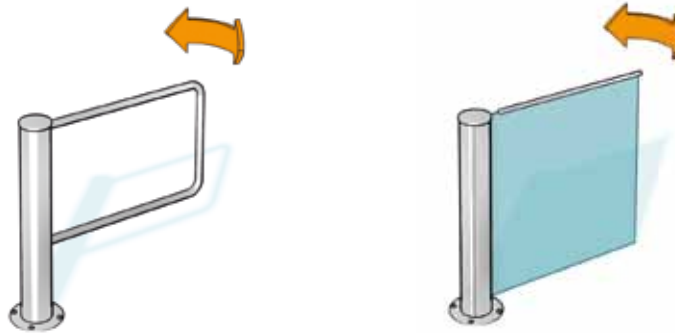
## **Personal Guiding Bars, PGB**

- > With or without glass panel
- > Simple assembly on finished floor level
- > Suitable for outdoor installation

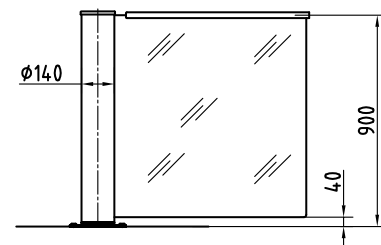
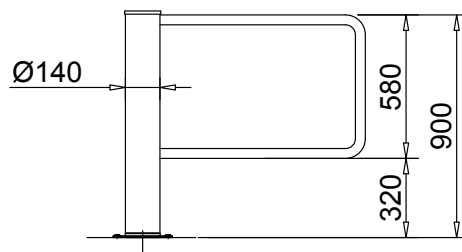
## **Card Reader Posts, CRP**

- > Prepared for customer installation of a Legic® LA-PP antenna and Kaba DML 2 control unit
- > Adaptation to different reader systems possible
- > Presence detection for unreadable cards
- > Simple assembly on finished floor level
- > Weather protective hood for outdoor installation

# Swing Doors

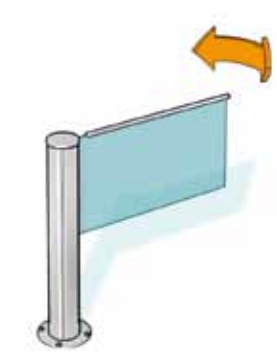


Standard units	HSD-E01	HSD-E03
<b>Construction</b>	Tubular column Barrier element	In stainless steel AISI 304, Ø 140. U-shaped, Ø 40 in tubular stainless steel AISI 304.
	Leaf radius	900
	Leaf upper edge	900
<b>Finish</b>	Locking, drive and toothed holding brake installed in tubular column. Stainless steel semi-gloss smooth finish.	Locking, drive and toothed holding brake installed in tubular column. Stainless steel semi-gloss smooth finish.
<b>Function</b>	Type 2* 90° opening in entrance and exit directions.	Type 2* 90° opening in entrance and exit directions.
<b>Electrical system</b>	Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115. Power supply 110-230 V AC, 50/60 Hz.	Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115. Power supply 110-230 V AC, 50/60 Hz.
<b>Installation</b>	Dowelled on finished floor level, FFL. Suitable for outdoor installation!	Dowelled on finished floor level, FFL. Not suitable for outdoor installation!

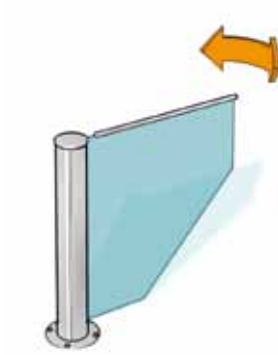


\* Type 2: Power-assisted motion, servo positioning drive/ electrically controlled in 2 directions

All measurements in mm



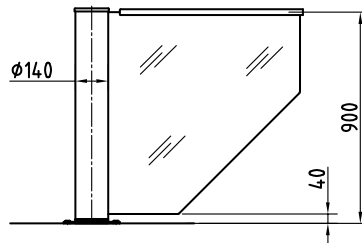
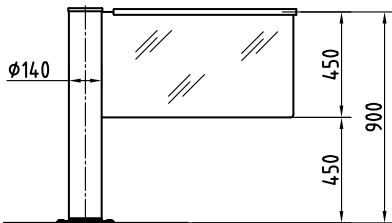
**Option**



**Option**

HSD-EO3 with  
"half-height glass element" option

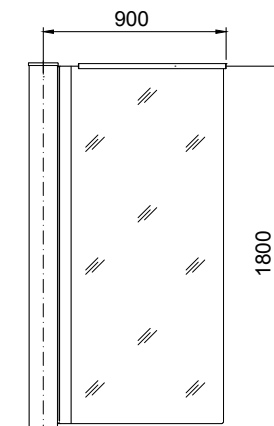
HSD-EO3 with  
"glass element, slanted" option



# Swing Doors



Standard unit	HSD-E06
<b>Construction</b> Tubular column	In stainless steel AISI 304, Ø 140.
Barrier element	Full-height glass element, 10 mm TSG with straight handle bar.
Leaf radius	900
Leaf upper edge	1800
	Locking, drive and toothed holding brake installed in tubular column.
<b>Finish</b>	Stainless steel semi-gloss smooth finish.
<b>Function</b>	Type 2*
	90° opening in entrance and exit directions.
<b>Electrical system</b>	Control unit and power supply unit in an external switch cabinet H = 283 / W = 168 / D = 115.
	Power supply 110-230 V AC, 50/60 Hz.
<b>Installation</b>	Dowelled on finished floor level, FFL.
	Not suitable for outdoor installation!



\* Type 2: Power-assisted motion, servo positioning drive/ electrically controlled in 2 directions

All measurements in mm

# Options (dependent on unit type)

## HSD types

### Construction

	HSD-E01	HSD-E03	HSD-E06
Glass element, slanted.		•	
Glass element, half-height.		•	
Passage width 1000 mm.	•	•	•
Passage width: minimum 650 mm, max. 1200 mm, max. 999 mm for HSD-E03.	•	•	
Passage width: For height 1600 mm, leaf radius max. 1100 mm; for height 1400 mm max. 1200 mm.			•
Door leaf panel in TSG (sealed at the top and bottom).	•		
Special height: Door leaf raised to max. 1200 mm, 1400 mm or 1600 mm on HSD-E06.	•	•	•

### Function

Master for linking two units as a double swing door.	•	•	•
Emergency and escape route module.	•	•	•
Additional emergency button including symbol for connection to the emergency and escape route module.	•	•	•

### Electrical system

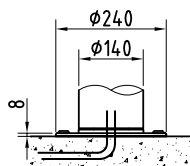
Power supply plug 24 V DC/1A for supplying external nodes.	•	•	•
Operating panels and frame or surface mount housing.	•	•	•
Additional circuit boards for expanding existing inputs and outputs.	•	•	•
Distribution board (connection of max. 4 OPL05 possible).	•	•	•

### Installation

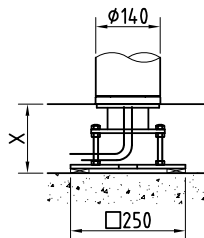
Mounting plate with variable substructure, measure X = 80 - 180 mm.	•	•	•
Cast-in with floor element.	•	•	•

## Installation variants for swing doors

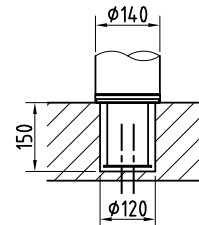
Dowelled on finished floor level (standard)



With mounting plate on sub floor level



Cast-in in finished floor level

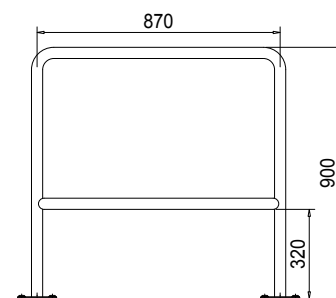
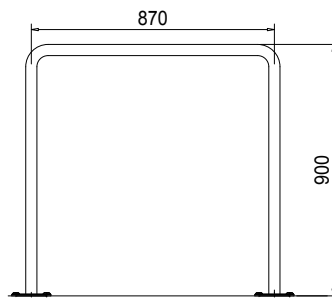


All measurements in mm

# Personal Guiding Bars

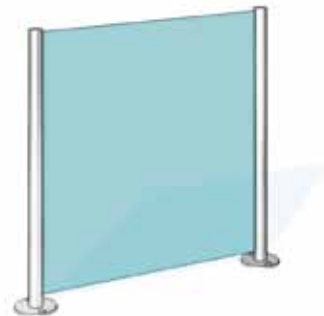
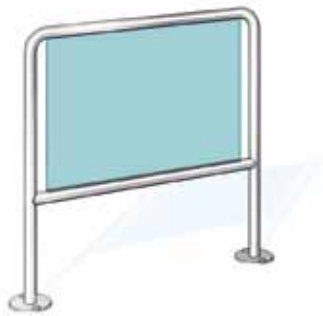


Standard units	PGB-E01	PGB-E02
<b>Construction</b> Description	Personal guiding bars in tubular stainless steel AISI 304 semi-gloss, Ø 40 mm.	Personal guiding bars with guiding rail, height 320 mm in tubular stainless steel AISI 304, semi-gloss, Ø 40 mm.
Total height	900	900
Dimension between axes	870	870
<b>Finish</b>	Stainless steel semi-gloss smooth finish.	Stainless steel semi-gloss smooth finish.
<b>Installation</b>	Dowelled on finished floor level, FFL.	Dowelled on finished floor level, FFL.
	Suitable for outdoor installation!	Suitable for outdoor installation!



All measurements in mm





**PGB-E03**

Personal guiding bars with guiding rail, height 320 mm in tubular stainless steel AISI 304, semi-gloss, Ø 40 mm and TSG glass panel 6 mm.

900

870

Stainless steel semi-gloss smooth finish.

Dowelled on finished floor level, FFL.

Suitable for outdoor installation!

**PGB-S01**

Personal guiding bars as variable full glass barrier system with two tubular stainless steel end posts AISI 304, semi-gloss, Ø 48 mm and TSG glass panel 10 mm (visible edges ground and polished).

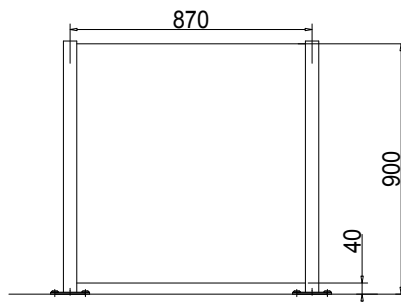
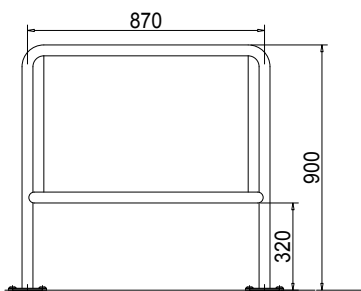
900

870

Stainless steel semi-gloss smooth finish.

Dowelled on finished floor level, FFL.

Suitable for outdoor installation!



# Card Reader Posts



## Standard units

### Construction

Description

### CRP-E01

Card reader post made of tubular stainless steel AISI 304 with aluminium spacer 80 x 35 mm coated in RAL 9006 and with cable bore for customer's reader plate (surface-mounted).

Height

1100

Width

-

Depth

-

Diameter

48 optional 60.

### Finish

Stainless steel semi-gloss smooth finish.

### Application

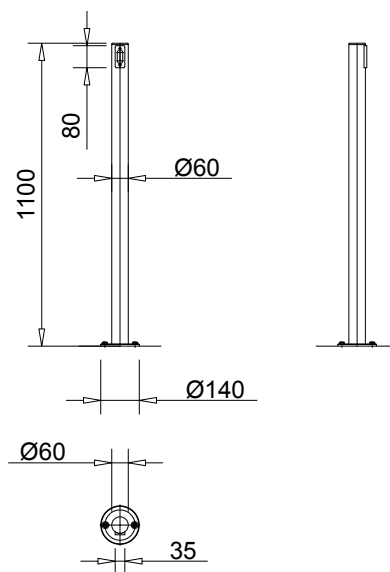
Designed for small card reader (installation provided by the customer).

### Electrical system

-

### Installation

On finished floor level, FFL.  
Suitable for outdoor installation!



All measurements in mm



### CRP-E03

Supporting column in stainless steel AISI 304 with removable inspection opening for installation of components provided by the customer (max. installation dimensions H = 170/W = 140/D = 150).

1250 optional 1550.

205

160

-

Stainless steel semi-gloss smooth finish.

Suitable for different reader formats or multiple different device installations.

-

On finished floor level, FFL.

Suitable for outdoor installation!

### CRP-C01

Card reader post in tubular stainless steel AISI 304 with bevelled head (30°).

Device installations must be checked on an individual basis.

1100

-

-

206 optional 140.

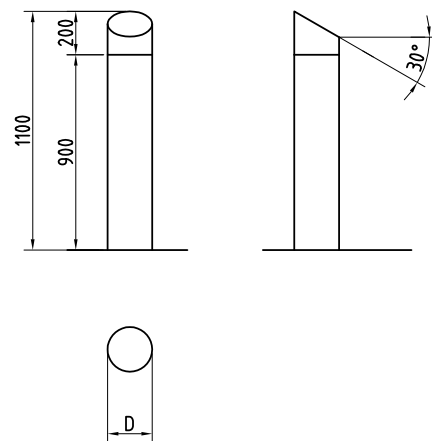
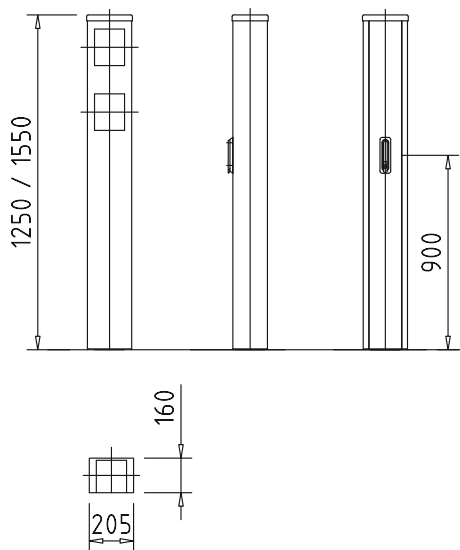
Stainless steel semi-gloss smooth finish.

Attractively designed high-quality variants suitable for small card readers and signal devices.

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On finished floor level, FFL.

Suitable for outdoor installation!



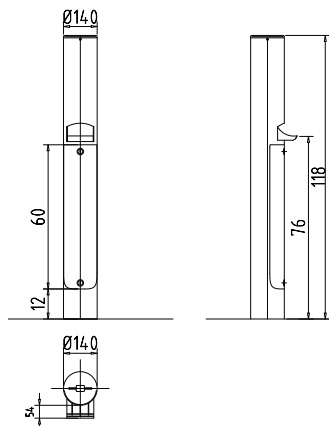
# Card Reader Posts



## Standard units

## CRP-M01

Construction	Description
	<p>Card reader posts in tubular stainless steel AISI 304 for verifying and collecting identification, together with protective cover and clip holder (length 90 mm/width 63 mm/depth 5 mm).</p> <p>Integrated card-return tray, signal unit (red/green) in the horizontal cover, card-insert slot plus slot lock and lockable cassette.</p> <p>Presence detection for unreadable cards.</p>
	Height
	Width
	Depth
	Diameter
<b>Finish</b>	Stainless steel semi-gloss smooth finish.
<b>Application</b>	Prepared for customer installation of a Legic® LA-PP antenna and Kaba DML 2 control unit. Adaptation to other reader systems on request.
<b>Electrical system</b>	Power supply 24 V DC.
<b>Installation</b>	On finished floor level, FFL. Not suitable for outdoor installation!
<b>Note</b>	-



All measurements in mm



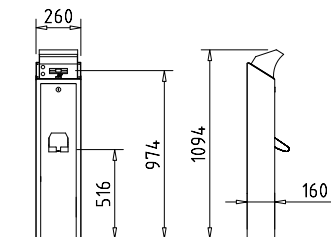
**CRP-M02**

Card reader posts in stainless steel AISI 304 for verifying and collecting identification, together with protective cover and clip holder (length 90 mm/width 63 mm/depth 5 mm).  
 With weather protective hood for outdoor installation.  
 Integrated card-return tray, signal device (red/green) in the inclined cover, card-insert slot plus slot lock and lockable cassette.  
 Presence detection for unreadable cards.

1094  
 260  
 160  
 -

Stainless steel semi-gloss smooth finish.  
 Prepared for customer installation of a Legic® LA-PP antenna and Kaba DML 2 control unit.  
 Adaptation to other reader systems on request.  
 Power supply 110-230 V AC, 50/60 Hz.  
 On finished floor level, FFL.  
 Suitable for outdoor installation!

When installed outdoors, RFID cards must be used with a protective cover.



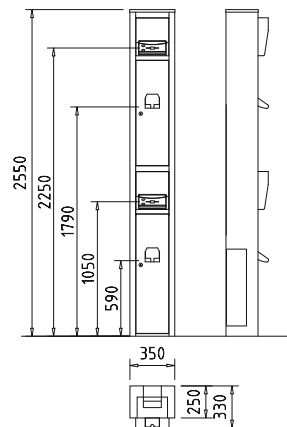
**CRP-M03**

Card reader posts in stainless steel AISI 304 for verifying and collecting identification, together with protective cover and clip holder (length 90 mm/width 63 mm/depth 5 mm).  
 Integrated card-return tray, flat signal device (red/green) in the inclined cover and lockable cassette.  
 Presence detection for unreadable cards.

2550  
 350  
 250  
 -

Stainless steel semi-gloss smooth finish.  
 Prepared for customer installation of a Legic® LA-PP antenna and Kaba DML 2 control unit.  
 Adaptation to other reader systems on request.  
 Power supply 110-230 V AC, 50/60 Hz.  
 On finished floor level, FFL.  
 Suitable for outdoor installation!

When installed outdoors, RFID cards must be used with a protective cover.



# Options (dependent on unit type)

## PGB types

### Construction

Dimension between axes shortened (500 - 870 mm) or increased.

Mullion, for dimension between axes > 1500 mm.

	PGB-E01	PGB-E02	PGB-E03	PGB-S01
Dimension between axes shortened (500 - 870 mm) or increased.	•	•	•	•
Mullion, for dimension between axes > 1500 mm.	•	•	•	•

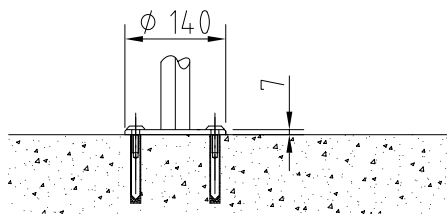
### Installation

Mounting plate with variable substructure, measure X = 80 - 180 mm.

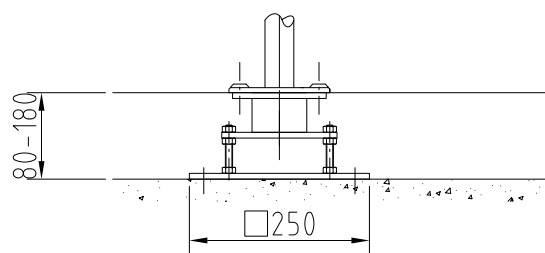
Mounting plate with variable substructure, measure X = 80 - 180 mm.	•	•	•	•
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## Installation variants for pedestrian guiding bars

Dowelled on finished floor level (standard)



Mounting plate and variable substructure on sub floor level



## CRP types

### Electrical system

Installation preparation on flat surface: right-angled cut-out for components provided by the customer.

Cover plate with flush-mounted socket for installation of components provided by the customer.

Reader console instead of aluminium spacer: Milled plate in aluminium, coated in RAL 9006, measurements adjusted to components provided by the customer.

Legic® LA-PP antenna and Kaba DML 2 control unit: installation of components provided by the customer or previously installed.

	CRP-E01	CRP-E03	CRP-C01	CRP-M01	CRP-M02	CRP-M03
Installation preparation on flat surface: right-angled cut-out for components provided by the customer.	•	•	•			
Cover plate with flush-mounted socket for installation of components provided by the customer.			•			
Reader console instead of aluminium spacer: Milled plate in aluminium, coated in RAL 9006, measurements adjusted to components provided by the customer.	•					
Legic® LA-PP antenna and Kaba DML 2 control unit: installation of components provided by the customer or previously installed.				•	•	•

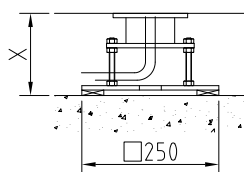
### Installation

Mounting plate with variable substructure, measure X = 80 - 180 mm.

Mounting plate with variable substructure, measure X = 80 - 180 mm.	•	•	•	•	•	•
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## Reader post installation variants

Mounting plate



All measurements in mm





BEYOND SECURITY