

# record system 20

the trend-setting automatic door system



system 20

# system 20



## record system 20 – Features

The record system 20 is the first automatic door system featuring interactive communication, simplified commissioning, intuitive control and greatly enhanced operational safety and reliability.

### Qualities

The record system 20 supplies the basis of our automatic door drives. It enables us to provide a wide range of models for the market, all of which are based on this system and use the same components, modified to suit the needs of the individual customer. The result is quicker assembly and lower service and maintenance costs.

The record system 20 fulfils 2006/42/EG industrial guidelines for machines, DIN 18650 as well as meeting all relevant national and international norms and standards.

### Standard Applications

The record system 20 covers practically the entire range of applications: single and twin leaf standard sliding doors, elegant two and four leaf telescopic sliding doors, even graceful curved and round sliding doors, record's original angled sliding doors, as well as space-saving folding doors: all these are based on the record system 20.

### Special Applications

For special applications there is an abundance of models available. The record system 20 range of products is also available for escape routes or specially equipped for specific applications.

### Your Benefits

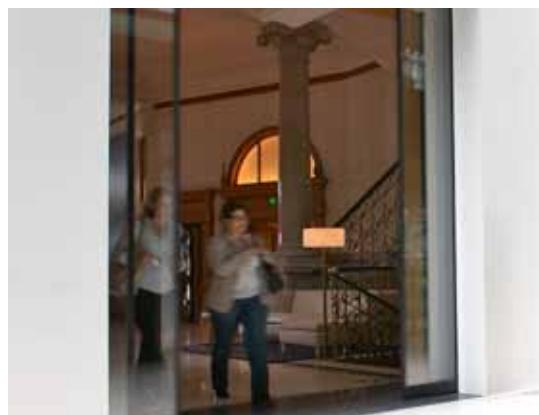
The record system 20 is the very latest generation in automatic door systems. In addition to the qualities for which record has become legendary, i.e. exceptionally low-noise operation and typical Swiss quality, the innovative features of the record system 20 make it the market leader from the technological point of view.

### Maintenance and Inspection

We have 26 subsidiaries in more than 50 countries and about 700 skilled service technicians whose training is a permanent part of our program.

Service and maintenance contracts, tailor-made to suit the needs and circumstances of the customer, ensure that your installation functions smoothly and retains its value for many years to come.

Our hotline staff are ready to provide advice and practical support; they can dispatch the nearest record service technician immediately to your location. This guarantees rapid support for you also effectively reduces unnecessary waiting time.



# System 20



## record system 20 – Qualities

The record system 20 enables the construction of a vast range of door models. Designed using modular construction principles, it can be adapted to suit the widest range of conditions and yet is largely based on the same components. This shortens installation time and reduces service and maintenance costs.

### Mechanics

The absence of noise is the most striking feature of record automatic doors. Our combination of short, low-momentum toothed belts, rollers made from hard-wearing, low-noise plastic, acoustically decoupled running tracks, guide pulley wheels with ball bearings and door leaf guides with specially developed guide profiles all contribute to an exceptionally quiet running door.

### Electronics

The record system 20 components can communicate with one another interactively, which, among other things, enhances safety and security. The ability of drive, sensors and remote to communicate enables continuous monitoring of component status. The operational status of the door system and its individual electronic components also continuously undergo plausibility checks. Thanks to its learning capacity, the potential of the unit to malfunction is reduced to a minimum.

Doors can be operated using a remote control featuring a graphic display with background lighting, and easy-to-use, menu-led navigation with text in the language of your choice; if required, an additional key operated switch is available.

### Design

For the record system 20, there are 20 mm thick aluminium profiles available for 10 mm thick single glazed leaves, or 32 mm thick profiles suitable for 24 mm thick insulating glass to allow the greatest possible transparency. Even profiles of other manufacturers up to 65 mm can be fitted. Both profiles and drive unit cover can be anodized or powder-coated.

Drive unit heights for both the normal, DUO and RED versions are available in either 108 mm or 150 mm; 200 mm for the STA 20-200 and STA 22 reinforced models. The drive unit can be fitted to the lintel, freestanding or integrated in the ceiling.



	Linear standard-sliding door	Linear telescopic sliding door
Door type	E-STA (one leaf)	D-STA (two leaves)
Opening width	800 – 3000 mm	800 – 3000 mm
Clear height of passage	3000 mm	3000 mm
Max. door leaf weight	1 x 150kg	2 x 120kg
DUO / RED model	1 x 150kg	2 x 150kg
Reinforced (20-200 / 22)	1 x 200 / 1 x 250kg	2 x 150 / 2 x 200kg
Recommended application	single leaf door automation for tight spaces	for most normal applications
		for maximum width of passage in tight spaces for elegant entrances and generous width of passage

\*recommended maximum value



# system 20



## record system 20 – Standard Applications

The record system 20 provides the right product for every application. Whether you require one of our highly versatile sliding doors, standard or telescopic, curved or angled, or one of our space-saving folding doors that fits into the tightest of spaces, record system 20 can deliver all of this and more.

### Linear Sliding Door

Single or two leaf standard sliding doors can typically be seen wherever automatic sliding doors are required. Standard sliding doors have an opening width of 800 to 3000 mm, and the strongest model takes door leaf weights of up to 2 x 200 kg. Equally attractive and reliable, but more impressive in construction and range of motion, are our two or four leaf telescopic sliding doors. Thanks to their narrower door leaves, they require about 30% less space compared to standard sliding doors, and can cover particularly large opening widths of up to 4000 mm.

### Radial Sliding Door

Round and curved sliding doors are ideally suited to lending any façade a real touch of style. They provide the unsurpassed elegance of a revolving door, but are less complex and far more flexible with regard to looks. This type of door can be integrated into virtually any curved space, and be curved inwards or outwards.

### Angled Sliding Door

This is a highly original design, eye-catching and unusual. Angles are available between  $\geq 90^\circ$  up to  $< 180^\circ$  and can open inwards or outwards.

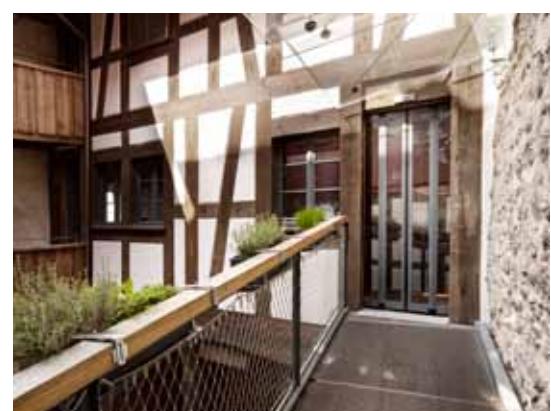
### Folding Door

Folding doors are necessary when the full width of entrance has, if possible, to be used. They are simple to retrofit, and integrate well into existing entrances. For example, a typical application is in restaurants to provide access to the preparation area, or from the kitchen to dining room.



	Radial sliding door	Angled sliding door	Folding door
Door type	One or two leaves	Two or four leaves	Two or four leaves
Opening width	800 – 3000 mm	800 – 3000 mm	800 – 2000 mm
Clear height of passage*	3000 mm	3000 mm	2500 mm
Door leaf weight max. as DUO / RED model	1 x 200 or 2 x 100kg 1 x 250 or 2 x 200kg	2 x 120 or 4 x 80kg 2 x 200 or 4 x 90kg	2 x 40 or 4 x 40kg –
Recommended application	for elegant entrance solutions	for impressive entrances	for tight spaces and simple retro-fitting

\*recommended maximum value



# system 20



## record system 20 – Non-Standard Applications

The record system 20 products are also available for use as escape doors or specially equipped for unusual applications.

### Door systems for Escape Routes



The redundant model (RED) consists of two drive units, two independent controls and a rechargeable battery to ensure emergency operation in power failures. The drive with battery monitoring (BAT) is officially permitted in Britain and Denmark as an escape door system. Also available for the French market is the CO48 opening system with mechanical power storage.

Our standard sliding doors and folding doors can also be ordered equipped with the Total Opening System (TOS). The door leaves can be swung open in the direction of escape, enabling the largest possible width of passage. Doors with swing-out side screens can also be integrated into the TOS system (standard with escape door systems).

### Special Applications

For the healthcare sector, record has created the SEALCORD and CLEANCORD models. The former sliding door provides a hermetically airtight seal of up to 100 Pa to divide clean rooms from other zones; this model is also available equipped with radiation or laser protection. To separate clean zones, we also provide the CLEANCORD, an automatic sliding door complete with plinth, finished in hygienic, easy-to-clean V2A stainless steel.

The burglar resistant SAFECORD sliding door has also been approved by the Swiss authorities (fasif) and is officially approved by them as Class 2 Resistant to provide effective but understated burglar resistance. Features are multipoint locking, reinforced running gear, continuous floor guides, special laminated safety glass, and steel plate reinforced framework.

### Other Solutions

We can also provide you with suitable applications in addition to system 20. Whether you require a record drive unit for swing doors, one-way access systems or representative revolving doors, your record partner can provide you with all the necessary information, including competent advice and service. Please ask for our detailed brochure.



	Escape route systems		
Door type	RED	BAT (UK, DK) / CO48 (F)	TOS
Standard sliding door	●	●	
Telescopic sliding door	●	●	●
Radial sliding door	●	●	
Angled sliding door	●	●	
SAFECORD	●		
Folding door			●



# system 20



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## record system 20 – your benefits

The record system 20 is the very latest generation of automatic door systems. In addition to making the development of tried and tested designs a permanent feature of their work, our developers have brought to market many innovative ideas which they have integrated into the record system 20.

### In-house Development

The fruits of this innovative thinking are features such as opening widths that adapt to traffic frequency, and the ability of the sensor to suppress the interference of extraneous signals in the door area.

Thanks to the fact that record is one of the few manufacturers of automatic doors that develops and produces both controls and sensors in-house, we are able to optimize the design and functionality of these devices to suit our products right from the design and planning phase. Thus record is optimally positioned to provide 100% compatible control software for its doors and peripherals.

Our sensors, which feature combined radar/infrared, radar only or active-infrared trigger devices are available for assembly on the lintel or flush with it. The unique learning ability of the record system 20 ensures an unusually high level of reliability with regard to functionality. Self-triggering, also called ghosting, caused by the door leaves as they close, has been completely eliminated.

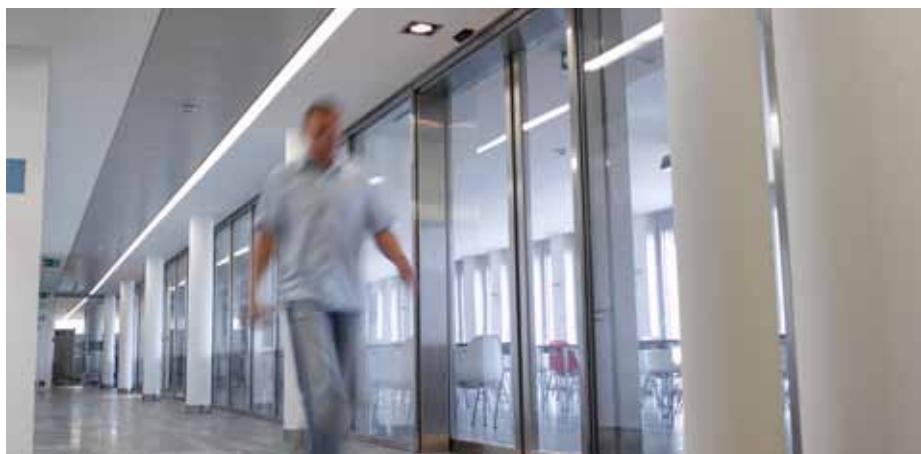
### Faster Assembly

Considerations about reducing the complexity of installations, as well as the possibility of reducing assembly time through more drive pre-assembly, have led to the development of the slide bar. This enables us to manufacture drives of identical widths, independent of the opening width, thus streamlining the manufacture of the drive unit. As a result, our automatic doors are by and large assembled and ready to run in a day.

We have developed the slide bar drive design, and are now in a position to provide it for most linear sliding doors, even those with drive covers of just 108 mm.

### Mechanically the Best

Our efforts to produce the quietest automatic doors possible can also be seen in their operation. They open and close exceptionally quietly, which is indicative of the highest precision and the perfect matching of materials; this precision engineering can also be seen in the harmonious sequence of door leaf movements.



# Options and Equipment



## record system 20

- Standard sliding door, single or twin leaves
- Telescopic sliding door, two or four leaves
- Round or curved sliding door
- Angled sliding door
- Folding door
- Specific sliding door solutions



## Drive Covers

- Drive unit height 108 mm and 150 mm
- 200 mm drive unit height for reinforced models STA 20-200 and STA 22
- Hinged, foldable drive unit cover and/or in several parts



## Escape door systems



## Installation Variants

- On lintel, freestanding or recessed in ceiling



## Maximum Door Leaf Weight

- Standard sliding doors [DUO / RED]: E-STA 1 x 150kg [1 x 150kg], D-STA 2 x 120kg [2 x 150kg]
- Telescopic sliding doors [DUO / RED]: E-TSA 2 x 90kg [2 x 120kg], D-TSA 4 x 80kg [4 x 90kg]
- Reinforced models STA 20-200 [STA 22]: E-STA 1 x 200kg [1 x 250kg], D-STA 2 x 150kg, [2 x 200kg], E-TSA 2 x 130kg [2 x 170kg], D-TSA 4 x 90kg [4 x 130kg]



## Profile Systems for Door Leaves, overhead lights and side panels

- Aluminium 20 mm for 10 mm single glazing
- Aluminium 32 mm for 24 mm insulating glass
- Other brands of profile up to 65 mm



## Surface Finishes and Treatments

- In any RAL finish, powder-coated
- Clear or special anodized finish



## Control Unit (STG)

- Self-learning, 32-bit microprocessor control
- Controllable, adjustable door leaf motion sequence
- Low power consumption despite very high-performance drive unit



## Burglar Protection Options

- SAFECORD burglar-resistant sliding door (tested and approved by WK2)
- Multipoint locking (MPV)
- Floor rails (stainless)
- Safety rails
- Floor locks (mechanical)

# system 20

## Special Options

- Optical locking display (OVA)
- Use-dependent opening width (TOWA)
- Bell contact
- Monitoring of locking
- Other options available in line with customer's wishes



## Fire Protection System

- Several country-specific systems in accordance with E 30, EI 30



## Trigger Devices, Safety and Security Sensors

- RAD 290 (Radar motion sensor)
- AIR 290 (Active infrared motion sensor / monitoring of persons)
- RIC 290 (combined sensor)
- Proximity switch (Infrared)



## Buttons and Switches

- Wireless trigger device EASY open,
- Remote Control Device for RADAR
- Passive infrared sensors (PIR)

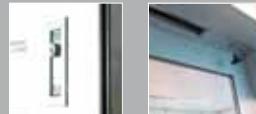


## Key-operated contact (SSK)

- Built-on or remote controlled

## Manual Unlocking

- HEI (indoors)
- HEA (outdoors)



## Rechargeable batteries for emergency operation

- Available in a range of capacities



## Locking

- Motorized bolt-operated locking (VRR 20)
- Magnetic locking (VRR 16)
- Multipoint locking (MPV)
- Magnetic catch



## Protective screens

- Elegant protection against trapping



## Remote Control Devices

- BDE-D (display with background lighting)
- Available in narrow fitting or square for standard built-in frames
- Equipped with key-operated lock if required



We reserve the right to make technical modifications at any time

# record STA 21

record system 20 technologies for light to medium-heavy applications



STA 21

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STA 21

WING



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## record STA 21 – remarkably inconspicuous

We designed the record STA 21 to meet the requirements of light and medium-heavy sliding door applications. Available in standard single and twin leaf sliding models, in classic or telescopic versions.

### Benefit from record system 20 cutting edge technologies

The majority of the record STA 21 components are taken from the famous record system 20, which has a thoroughly proven track record in global markets, but fitted with smaller, lighter electrical motors and a specially modified control.

The record system 20 actively communicates between operator, sensors and remote control, enabling constant monitoring of the status of individual components, further enhancing their functionality, safety and security. Our engineers pay particular attention to ensure their long, trouble-free life. Together with these core priorities of product development, it is the carefully thought-out details that make record's door systems so popular among customers. By pre-defining door movements, unnecessary triggering of opening impulses can be eliminated. Undesirable opening movements (so-called "ghosting") such as self-triggering caused by movements of the installation's own door leaves can be eliminated entirely, thanks to system 20's self-learning capabilities.

Responsible for the whisper-quiet operation typical of record products is our refined gear and roller technology, augmented by profile end guides and parts made from special low-noise plastic.

### Tasteful Design

All applications share the same profile system, which features clear, elegant lines, and an attractive overall design. These many design options allow our door systems to be integrated equally harmoniously in a building, or become a style feature.

### Approved for the highest levels of safety and security

The record STA 21 product line fulfils all relevant European and national norms and standards, including DIN 18650, EN 16005 and EN ISO 13 849.



D-STA 2 leaves



D-STA 2 leaves



E-TSA 2 leaves



E-TSA 2 leaves

STA 21



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## Designed for light to medium-heavy door applications

Based on the record system 20, the record STA 21 has been modified to meet the requirements of light to medium-heavy door applications. Both have the same system, enabling the interactive exchange of information between control, sensors and electronic remote control unit.

### The most important functions

The 32-bit microprocessor control enables a wide variety of operational modes and functions. The mode of operation is selected intuitively using the BDE-D electronic remote control; the display features text in the language of your choice. The convenient and user-friendly BDE-D remote control can also be used to set or modify application-specific door parameters such as opening and closing speeds, opening widths for reduced opening, duration of open times, etc. Alternatively, parameter setting can also be done mechanically using the robust, key-operated switch.

### Safety and security equipment

The record STA 21 can be fitted with motorized bolt locking. Fitting security floor rails with extended blades can further enhance burglar protection levels.

One optional available is manual unlocking in or outside buildings to guarantee the opening of the automatic door during power failures. Another is a rechargeable battery equipped with charging status monitoring to open or close the door in emergencies. For the French market we even supply the CO48 emergency opening system, but with some restrictions on door leaf weights.

	record STA 21 – standard sliding doors (STA)	record STA 21 – telescopic sliding doors (TSA)
	 	 
Door models	E-STA 1 leaf D-STA 2 leaves	D-TSA 2 leaves D-TSA 4 leaves
Opening width	800 – 2000 mm	800 – 2500 mm
Max. height of passage	2500 mm	2500 mm
Max. door leaf weight	1 x 120 kg *	2 x 75 kg *
Recommended application	For light duties in tight spaces	For functional entrances with large entrance widths For maximum entrance widths in tight spaces For elegant entrances with large entrance widths

\* In line with examination certificate; up to 20% higher weights possible at reduced acceleration levels

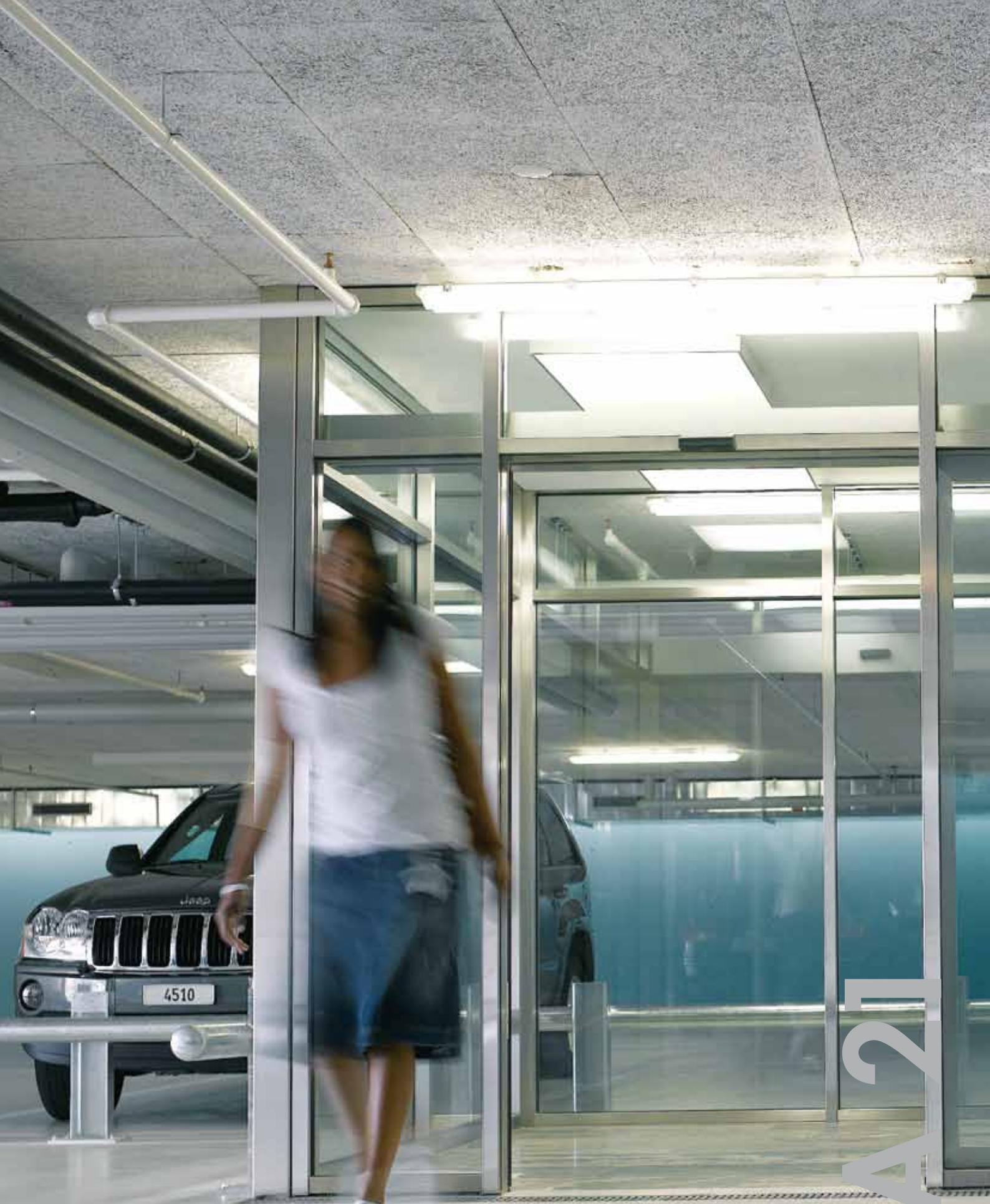


D-STA 2 leaves



E-STA 1 leaf

Door applications	record STA 21	record STA 20	Special door automation
Standard sliding doors with 1 or 2 leaves	●	●	record STA 22 – STA
Telescopic sliding doors with 2 or 4 leaves	●	●	record STA 22 – TSA
Sliding doors with break-out system		●	RST / PST
Round and angled sliding doors		possible	FTA
Folding doors		108 / 150 mm	possible
Special models		108 / 150 mm	> 150 mm
Operator height			
Escape route systems RED ● / CO48 ○ / TOS ●	●	● ● ●	● ● ●
Optional equipment			
Motorized bolt- ● or multi-point locking MPV ●	●	● ●	● ●
Profile system 20 mm (up to 10 mm single layer glass)	●	●	●
Profile system 32 mm (up to 24 mm insulating glass)	●	●	●
Foreign profiles up to 65 mm	●	●	●
Door protective screen (designed entirely in glass)	●	●	●
Rechargeable battery for emergency opening ● or emergency operation ●	●	● ●	● ●
Peripheral devices			
record BDE-D remote control device with text display	●	●	●
record sensor systems	●	●	●
record diagnostic maintenance tool	●	●	●



STATION

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## record peripheral devices: sensors and remote control units

A decisive contribution to the success of our products is the fact that we are one of the few manufacturers of automatic doors that develops and makes both the hardware and software found in our control and sensor devices. This enables us to implement the improvements made by our developers and engineers in the most effective way possible by allowing the coordination of individual improvements on an on-going basis.

### Developed and manufactured entirely in-house

When analyzing its immediate environment, the record RAD 290 motion detector permanently communicates with the control device. The detection field is defined electronically, allowing it to eliminate previously acquired door movements. Time-consuming mechanical fine adjustment of the sensor is thereby eliminated. Also, changes to the field due to temperature differentials are largely uncritical.

### Specifications

The record RIC 290 sensor device uses both radar and infrared technologies. It is equipped with both motion and presence detectors that trigger opening and closing operations with a high level of security. The device actively communicates with the door control, and recognizes persons in the passage area. Several light curtains also prevent collisions with the door leaves.

The record AIR 290 is a pure active infrared motion and presence detector, ideally suited to delineated detection fields such as are found in lobbies and security interlocks.

### Remote control unit with text display

The electronic remote control device BDE-D is equipped with an illuminated display and features user-friendly, highly convenient menu navigation. Several operational modes are available to program basic door functions. These can be individually adjusted to make sure running characteristics meet specific needs. The ease of use is ensured by the clear menu structure, available in the local language.

### Sensors



radar-equipped motion detector RAD 290



motion and presence detector RIC 290



active infrared motion and presence detector AIR 290



flush-mounted model

### Remote control units



BDE-D (60 x 60 mm)  
with surface-mounted housing



Customized BDE-D  
with key-operated contact



BDE-D slim-line  
(44 x 92 mm)



Mechanical with  
key-operated switch

	record STA 21 – standard sliding doors (STA)	record STA 21 – telescopic sliding doors (TSA)
<b>Operator dimensions</b>	E-STA 1 leaf with cladding 194 x 108 / 150 mm without cladding 157 x 108 / 150 mm  D-STA 2 leaves 1.0 s to 0.7 m	E-TSA 2 leaves with cladding 259 x 108 / 150 mm without cladding 222 x 108 / 150 mm  D-TSA 4 leaves 1.5 s to 0.7 m
<b>Door movement</b>		
<b>Mass</b>		
<b>Power supply</b>		230V / 50 / 60Hz
<b>Power consumption</b>		85W in operation / 25W in idle mode
<b>Ambient temperature</b>		-15°C to +50°C
<b>Remote control</b>		Electronic with illuminated display (record BDE-D)
<b>Operational modes</b>	<ul style="list-style-type: none"> <li>→ Automatic operation</li> <li>→ Continuously open</li> <li>→ Manual operation</li> </ul>	<ul style="list-style-type: none"> <li>→ One-way traffic</li> <li>→ Locked</li> </ul>
<b>Programmable functions</b>	<ul style="list-style-type: none"> <li>→ Customer-specific door parameters</li> <li>→ Control lock</li> <li>→ Bell contact</li> </ul>	<ul style="list-style-type: none"> <li>→ Emergency opening and closing (programmable parameters)</li> <li>→ Energy-saving function (automatic entrance widening TOWA)</li> </ul>
<b>Options</b>	<b>Sensor, safety and security</b>	<b>Additional equipment</b>
	<ul style="list-style-type: none"> <li>→ Bolt locking device VRR 20</li> <li>→ Motion detector RAD 290</li> <li>→ Motion and presence detector AIR 290</li> <li>→ Multi-purpose sensor RIC 290</li> <li>→ Floor safety rail</li> <li>→ Floor lock</li> <li>→ Key operated switch SSK</li> <li>→ CO48 escape route door system (France)</li> <li>→ Protective screen</li> </ul>	<ul style="list-style-type: none"> <li>→ Optical locking display</li> <li>→ Emergency-open button</li> <li>→ Manual unlocking inside and outside of door</li> <li>→ Battery for emergency operation during power failure</li> <li>→ Locking device surveillance</li> <li>→ Detachable operator housing</li> </ul>
<b>Assembly variants</b>	<b>Assembly variants</b>	



**Curved sliding door**

**record 16 RST**



**Made-to-measure elegance !**





## record 16 RST beautiful from any angle !

Featuring record's system 16 modern electronics, the 16 RST curved sliding door lends any entrance or façade class and elegance.

Our curved sliding door's modular profile system uses standardised components, allowing the installation of the following:

- curved or plan doors
- semi-circular doors
- Ellipse or circular-shaped doors to eliminate drafts
- Doors curving in or outwards

The radius of the circular elements is determined on-site.

A wide variety of options are available allowing individual solutions where a door is needed.

All profiles are available in a variety of colours, also powder coated, or anodised.



**Always safe**





## Technical Data

### Clear opening width A

biparting sliding door	800 - 3 000 mm
single sliding door	800 - 3 000 mm

### Clear height of passage G

recommended maximum height	3 000 mm
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### Maximum weight of door leaves

biparting sliding door	2 x 100 kg
single sliding door	1 x 200 kg

### For record 16 DUO (heavy-duty leaves)

biparting sliding door	2 x 200 kg
single sliding door	1 x 250 kg

### Operator dimensions, incl. casing

height	220 mm
depth	300 mm

### Door movements(1)

biparting sliding door	0.7 m in 1.0 sec.
single sliding door	0.7 m in 1.5 sec.

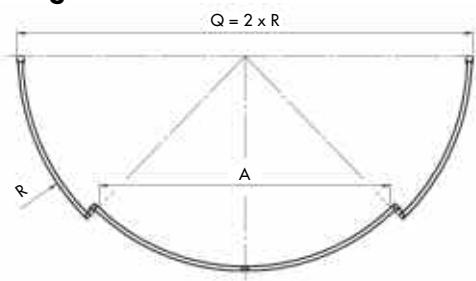
### Electrical connection data

mains voltage	230 V, 50 / 60 Hz
rated power	0,6 A
rated capacity	100 W
rated capacity standby power	14 W
fuse protection	min. 2.5 A slow

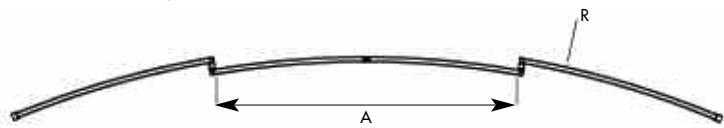
(1) if door leaf weight equals 75% of permissible max. weight

## Circular and curved sliding door record 16 RST

### Circular sliding door



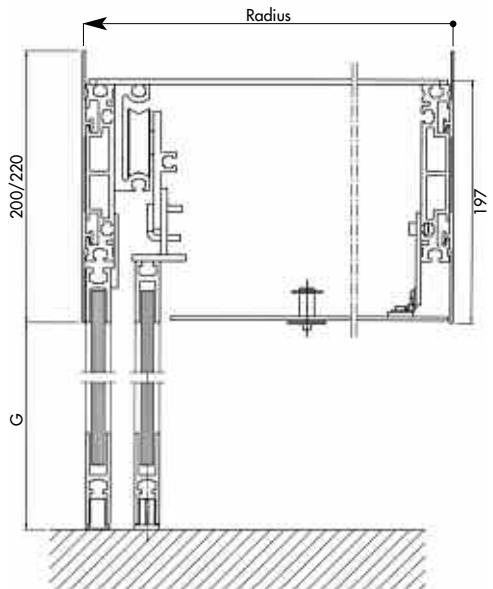
### Curved sliding door



**A** : clear opening width

**G** : clear height of passage

**R** : angle



**always reliable**





**Automatic break-out system**

**record 16 TOS**



**The adaptable door !**



**record**

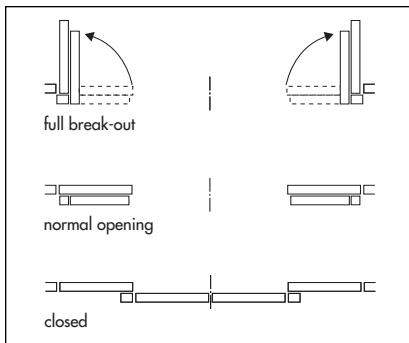
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## Automatic break-out system record 16 TOS

- for use on escape and rescue routes
- for adapting pedestrian entrances into wide load access and egress

With this system it is possible to swivel the sliding door leaves and side screens through 90 degrees from any position of opening.



There is a special floor guide designed for silent operation mounted in the side screen area which can be recessed into the floor, this leaves an unobstructed clear opening area for pedestrian traffic. If special locking is required (locking rail, floor lock) a continuous floor rail can be mounted across the full passage width.

We recommend the break-out system **record 16 TOS** for doors on escape and rescue routes or where bulky objects or vehicles need wider entrances e.g. shopping centres, hospitals, hotels/restaurants, car showrooms, airports and railway stations.

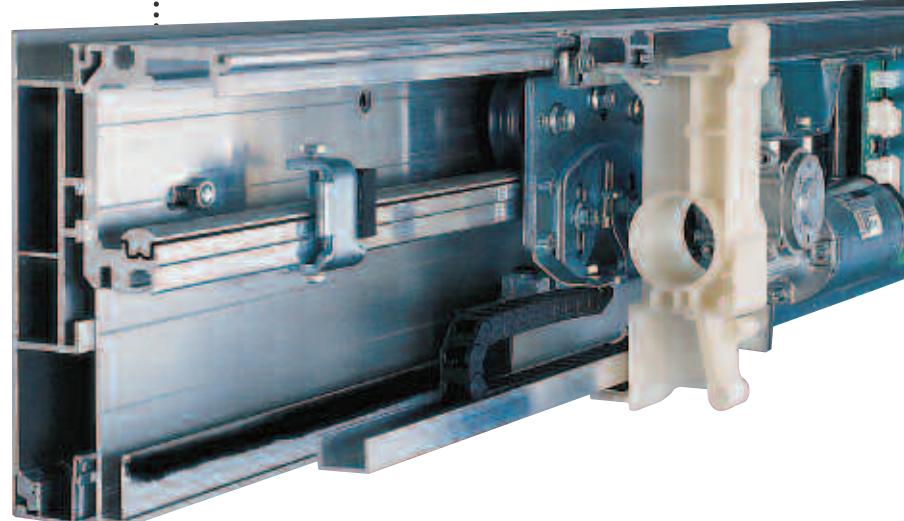
When **record 16 TOS** is used in escape and rescue routes the surveillance device (FEM) monitors both sliding leaves and side screens, in case of mis-

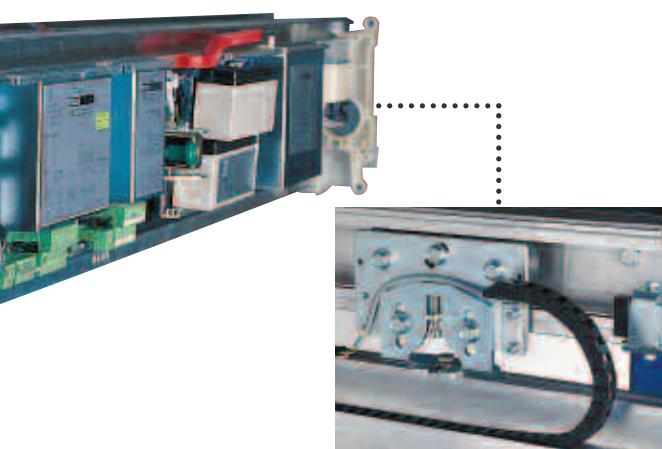
alignment an alarm signal is displayed on the electronic control or transmitted to a central control station. This guarantees a high degree of security.

The break-out system **record 16 TOS** is part of the modular record system 16. It consists of the basic operator **record 16 STA** and the additional **record 16 TOS** module.



**always safe**





**always reliable**

## Technical data

### Clear opening width A

biparting sliding door	800 - 2500 mm
single sliding door	800 - 1200 mm

### Clear height of passage G

recommended maximum height	2500 mm
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### Maximum weight of door leaves

#### for record 16 TOS

biparting sliding door	2 x 120 kg
single sliding door	1 x 200 kg

#### for record 16 TOS DUO (heavy door leaves)

biparting sliding door	2 x 200 kg
single sliding door	1 x 200 kg

### Operator dimensions, incl. casing

height	200 mm
depth	160 mm

### Opening speed, programmable (1)

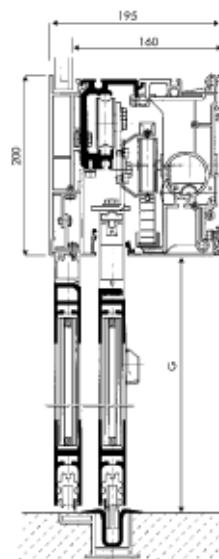
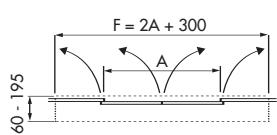
biparting sliding door	0.7 m in 1.0 sec.
single sliding door	0.7 m in 1.5 sec.

### Electrical connection data

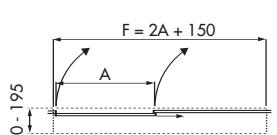
mains voltage	230 V, 50 / 60 Hz
rated power	0,6 A
rated capacity	100 W
rated capacity standby mode	14 W
fuse protection	min. 2,5 A slow

(1) if door leaf weight equals 75 % of permissible maximum weight

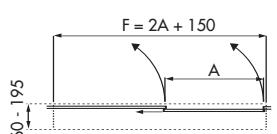
### biparting sliding door TOS



### single sliding door TOS



opening to the right



opening to the left

**A:** clear opening width  
**G:** clear height of passage  
**F :** length of header



**Angular sliding door**

**record 16 PST**



**Unique in design**



**record**

your global partner for entrance solutions



## record 16 PST Made-to-measure elegance

Featuring record's system 16 modern electronics, the 16 PST angular sliding door lends any entrance or façade class and elegance.

The angular sliding door uses record's system 16 profiles; in addition, the middle of the door operator is fitted with a guide that changes the direction of the drive belts, ensuring virtually noise-free operation.

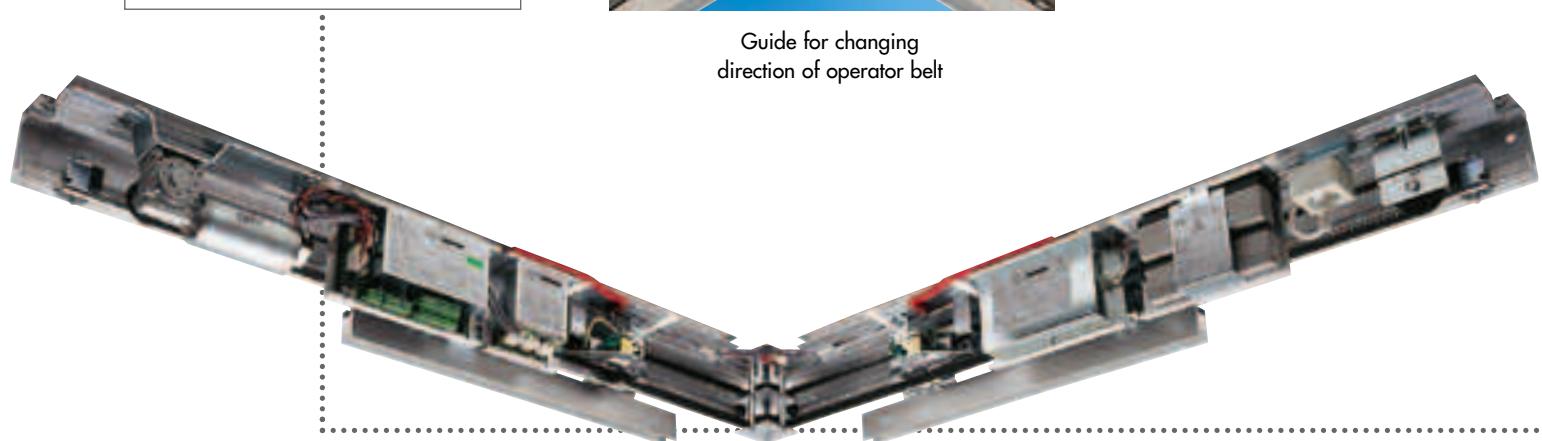
Doors can be fixed at any angle greater than or equal to 90°. Viewed from the outside of the building, the doors can be angled inwards or outwards.

A wide variety of options are available allowing individual solutions where a door is needed.

All profiles are available in a variety of colours, also powder coated, or anodised.



**Always safe**



Guide for changing  
direction of operator belt

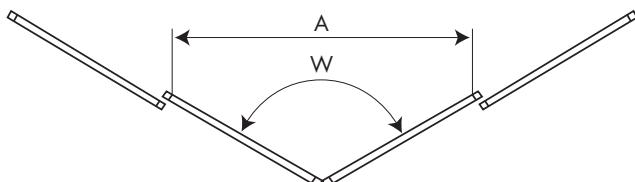


## Technical Data

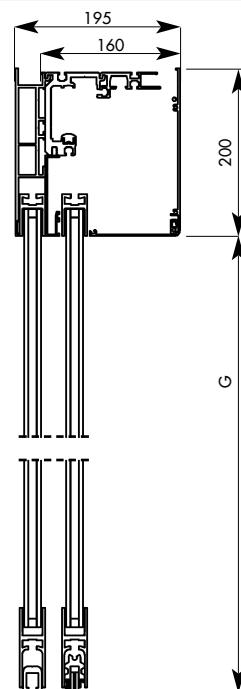
<b>Clear opening width A</b>	800 - 3 000 mm
biparting sliding door	
<b>Clear height of passage G</b>	3 000 mm
recommended maximum height	
<b>Maximum weight of door leaves</b>	2 x 120 kg
biparting sliding door	
<b>For record 16 DUO (door leaves)</b>	2 x 200 kg
biparting sliding door	
<b>Operator dimensions, incl. casing</b>	
height	200 mm
depth	160 mm
<b>Door movements (1)</b>	
biparting sliding door	0.7 m in 1.0 sec.
<b>Electrical connection data</b>	
mains voltage	230V, 50/60 Hz
rated power	0.6 A
rated capacity	100 W
rated capacity standby mode (door shut)	14 W
fuse protection	min 2.5 A slow-blow

(1) if door leaf weight equals 75% of permissible max. weight

### Angular sliding door record 16 PST



**A** : clear opening width  
**G** : clear height of passage  
**W** : angle 90° - 270°



**always reliable**





[www.agta-record.com](http://www.agta-record.com)

Discover the ideal solution with **record**, your partner in door automation

**Drive technology for pedestrian entrances and industrial applications**

- > Automatic sliding doors, curved, straight, angular, reinforced, slim-line, with 1 or 2 leaves
- > Swinging
- > Folding
- > Revolving doors
- > Telescopic
- > High speed gates
- > Range of sensors

**Security**

**Protection of People**

- > Fire doors
- > Smoke-resistant doors
- > Air tight doors
- > Doors for emergency exits

**Protection of buildings**

- > Burglar-resistant safety doors
- > Safety doors and interlocks for controlled passage
- > "one-way" corridors
- > Security doors

**Centralised monitoring**

- > Door management system for building access control
- > Alarm system and diagnostics
- > Interfaces

**Maintenance**

**Tailored advise**

- > Customised advice
- > Engineering professionalism
- > Maintenance of all automatic doors
- > Troubleshooting hot-line
- > Renovation
- > Remote control maintenance

**Special solutions**

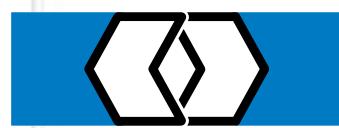
- > Door systems for specific applications



Headquarters in Fehraltorf, Switzerland



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