



**dormakaba – intelligent and reliable
solutions**

dormakaba 

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Master Key Systems



Door Hardware



Interior Glass Systems



Lodging Systems



Safe Locks



Movable Walls



Entrance Systems



Electronic Access & Data



Key Systems



Service



ENS – Entrance Systems

Automatic doors' range

Automatic sliding doors:

1. ST/FST
2. TST/FTST
3. SST
4. CS 80 Magneo

Special doors:

1. BST/F-BST
2. RST
3. SST

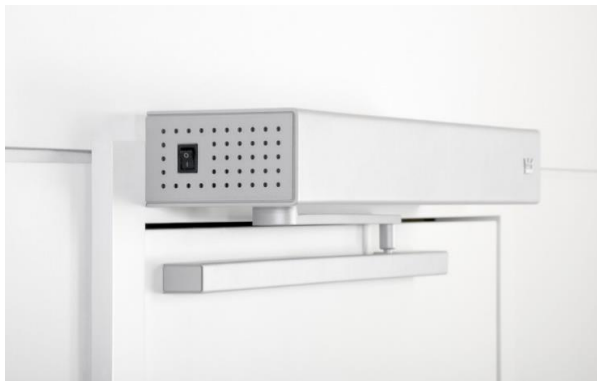
Revolving doors:

1. KTV
2. KTC
3. Talos RDR

Swing doors:

1. ED 100/250

ED 100/ ED 250



KTV Atrium



ES 200 Flex Green



Standard Automatic Sliding doors

Sliding doors / Telescopic sliding doors

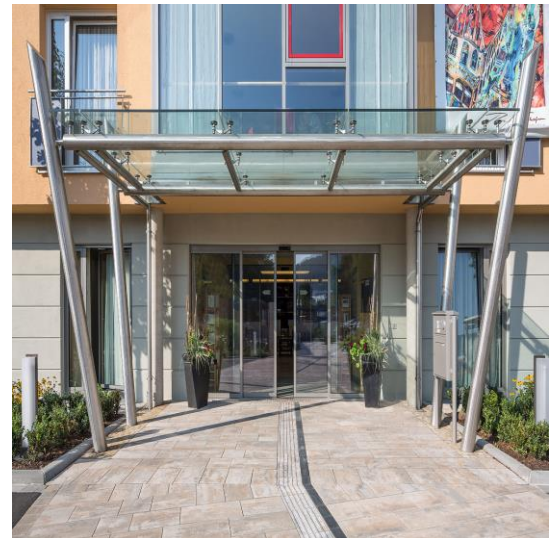
- The complete range of sliding doors combined in one system
- Comfort functionality with wide range of operators: ES 200 Easy, ES 200 and ES 200-2D
- Universal application, ability to satisfy a variety of requirements
- Silent, reliable and safe
- Easy in installation and use
- A tailor-made doors according to individual size and requirements



Standard Automatic Sliding doors

dormakaba SST

- Sliding doors with emergency breakout function
- SST sliding doors are working like a standard sliding doors
- Breakout hinges create full door width for through passage
- For any entrance, any application, any requirement
- The classic door solution for emergency exits and escape routes
- For internal and external door set applications
- Floor-integrated guide tracks
- Combined electromechanical locking device
- Applicable for exterior or interior doors, public buildings, shopping arcades, hotels, hospitals, showrooms, etc.



Standard Automatic Sliding doors

dormakaba BST

dormakaba's Special Line of curved sliding door sets will provide your entrance area with an enticing and individual atmosphere.

- Curved sliding doors for clear passage widths from 1000mm to 2500mm
- Fine-frame profiles to create door systems with a full-glass appearance, extremely versatile
- Maximum user convenience
- Extremely reliable self-learning microprocessor control for smooth motion cycles
- Integrated components to monitor the passage area
- Applicable for hotels, healthcare institutions, airports, office buildings, etc.

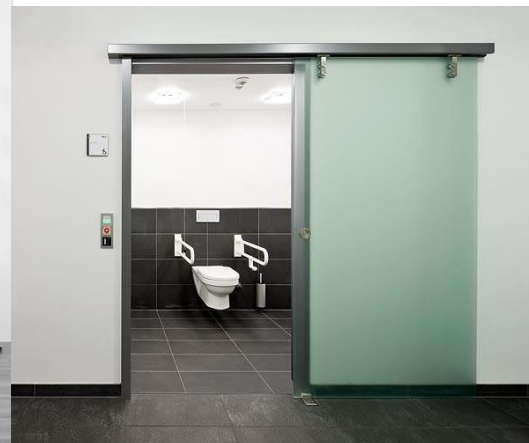
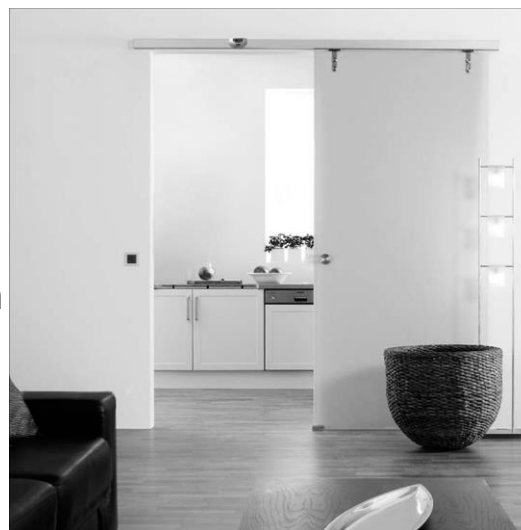


MAGNEO CS 80, Special automatic door system

Outstanding user convenience and unique driving behavior excel the automatic sliding door operator CS 80 MAGNEO.

The CS 80 MAGNEO is a modular system consisting of door kits, cover and fixings, the CS 80 MAGNEO operator and accessories.

- For glass and wooden doors and doors' weights from 20 to 80kg
- Adjustable speed from 0.2 to 0.6m/s
- Highest safety standards
- Low-Energy-Mode (DIN 18650, ANSI)
- Additional safety sensors for closing edges are connectable
- In-wall-, on-wall- or on-glass- application
- Easy mounting and commissioning
- Opening widths: 875mm; 1,000mm; 1,125mm



The door system is tested for a minimum service life of 1 million cycles and is approved for application in emergency exits and escape routes according to DIN 18650 / EN 16005.

Revolving doors

dormakaba KTV – 3/4

KTV revolving doors that combine elegance and functionality. The flexible systems that suit all requirements. KTV revolving doors also hold back noise, dust and dirt, reliably protect employees in the vicinity of the entrances from drafts, and help to keep heating costs down.

- three- or four-wing design
- manual operation, positioning, Servomatic or automatic drive system
- flexible options (night shields, air curtain, locks etc.)
- Inside diameter of the door from 2000mm to 3800mm
- Clear passage height from 2100mm to 4000mm
- Clear passage width from 1364mm to 2637mm
- Canopy height from min. 100mm



Revolving doors

dormakaba Atrium

The KTV ATRIUM revolving door systems are ideal for installation in entrance areas where effective environment control and elegant aesthetics are desired. Tailored integrated systems combine industrial engineering precision and assured quality.

- Three- or four-wing design
- All-glass design
- Manual operation
- Positioning system (option)
- Servomatic drive system (option)
- Additional night shields (option)
- Side walls and ceiling of laminated safety glass (LSG)
- Internal diameter from 2000mm to 2800mm
- Clear passage width from 1365mm to 1931mm
- Clear passage height up to 3000mm
- Efficient noise dust and dirt protection



Revolving doors

KTC-2

The KTC revolving door systems offer plenty of scope for architectural creativity while also raising accessibility and convenience to a new level. The systems will turn the entrance of any building into a prestigious entrée.

- Two-wing design
- Internal diameter from 3600mm to 5400mm
- Clear passage height up to 3000mm
- Passage width, revolving door from 1946mm to 2546mm
- Canopy height from min. 300mm
- KTC – 2 could have integrated automatic ST FLEX sliding door for more client convenience and emergency exit door
- Passage width for sliding door from 1618mm to 2518mm
- Optimization of building energy balance
- Efficient noise, dust and dirt protection
- Flexible options (showcase, night shields etc.)

*dormakaba also offers KTC 3/KTC 4 revolving doors for heavy traffic capacity.

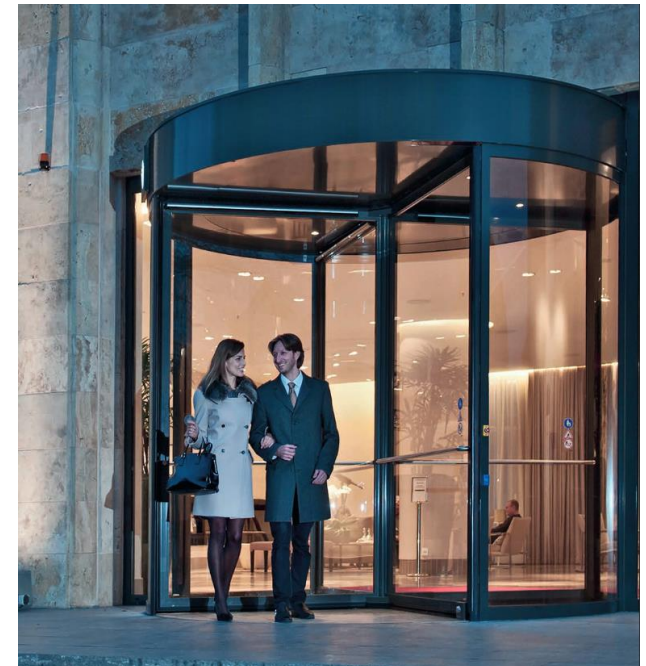


Revolving doors

Talos RDR

With their great flexibility in design, Talos revolving doors give each entrance a special, individual touch.

- Energy-saving thermal separation in the axis of the building
- Transparent all-glass units design with sophisticated profiles
- Solutions suitable for use in escape routes
- Personal security safety is provided in compliance with DIN 18650/EN 16005, versions with resistance class WK3 and RC2
- Internal diameter from 2000mm to 4800mm
- Clear passage height 2100mm
- Clear passage width from 1334mm to 3264mm
- Available as an options:
 - Night-time closure with sliding wings, running controller handicap-button for use by temporary speed reduction for disabled people.



Automatic operator for swing doors

ED 100/250 swing door operator

Powerful, comfortable, reliable and extremely quiet operators for automation of single-leaf and double-leaf swing doors

- Wide application range: shopping centers, offices and administrative buildings, hospitals, etc.
- Activation via radar, push pad or access control
- Tailored sizes and easy installation
- Additional functions of microprocessor control: Automatic or Push&Go
- High level of safety, suitable for fire-proof and smoke-proof doors as well as for emergency exits and evacuation routes
- Improved resistance to the wind – suitable for exterior façade doors with outward opening
- Low energy mode settings as default settings



Automatic operator for swing doors

ED 100/250 swing door operator

- Dimensions (W x H x D): 700 x 70 x 130mm
- Ambient temperature: from -15 to 50°C
- Maximum door leaf weight from 100kg for ED100, to 250kg for ED250
- Maximum door leaf width from 1100 mm for ED100, to 1600mm for ED250
- Maximum opening angle 110°
- Latching action – adjustable from 7° - 0
- Hold open time - 30s
- Working point of wind load control of max. 150 Nm





PAS – Physical Access Systems

Access Control Solutions (ACS)

Tripod, half-height or full-height turnstiles make life easier for reception staff at entrances to the offices and administrative buildings, industrial premises, banks, public authorities and many sports and leisure facilities. They are quick, reliable and easy to use.

Benefits:

- High level of safety and user convenience
- Quiet, low-noise operation
- Elegant, transparent design
- Space-saving even as multiple installation
- Versatile design of glass wings, guiding elements and bar handles
- Different categories of protection from burglary and firearms.
- Low power consumption



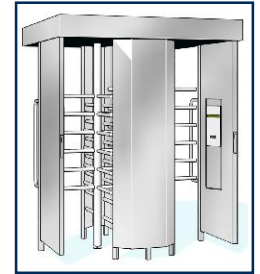
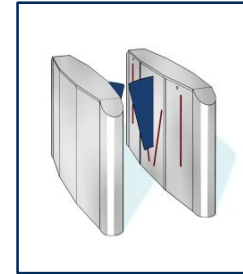
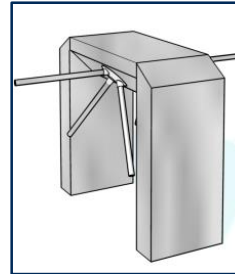
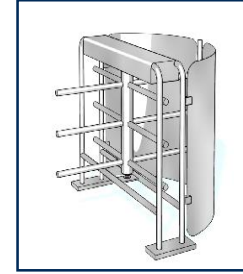
Public Systems & Solutions (PSS)

PSS with a sensor-controlled passage and automatic door elements in various versions.

They provide a convenient contactless passage, suitable for stations, sport facilities, swimming pools, spa centers, entertainment zones, museums, public transport, etc.

Benefits:

- High throughput rate along with high level of personal safety
- Modular system with basic and extension units for multi-passage installations
- Compatible with all ticketing systems
- Reliable access
- Versions with resistance class WK2
- Solutions for evacuation routes
- Low power consumption



Personal Flow Solutions (PFS)

Secure areas require a reliable systems for identifying and separating authorized persons. As these areas are usually representative of the building, a secure but at the same time transparent access solution is preferred.

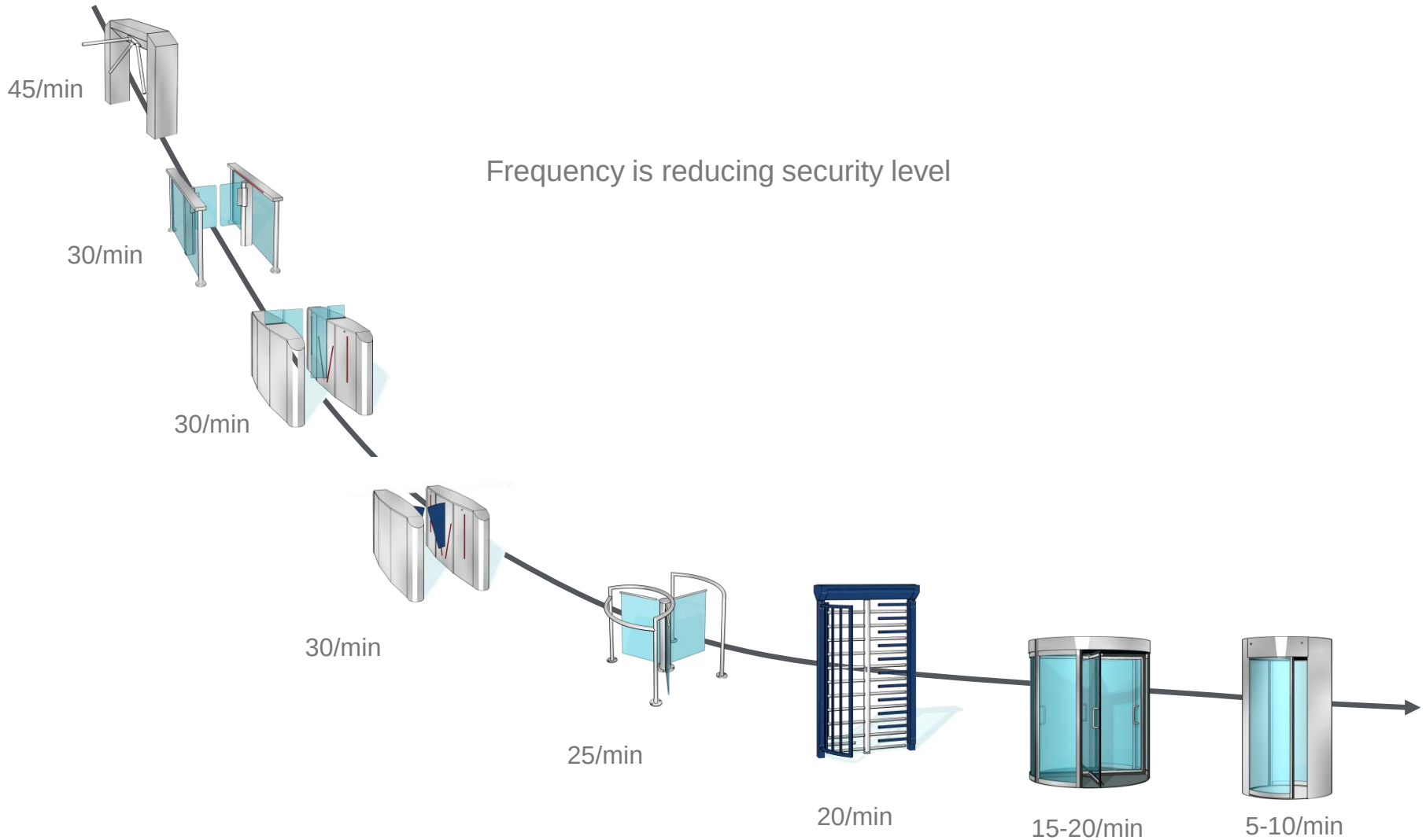
- Suitable for government buildings, ministries, airports, banks, museums

Benefits:

- High energy savings;
- High level of safety:
 - users cannot become stuck thanks to end point locking
 - safety sensor system according to DIN EN 16005
 - standard version has IR sensor system
 - versions with resistance classes RC2 and WK3
- Effective pedestrian flow management
- Attractive and stylish design



Dependence on pass frequency and security level





Movable walls

Movable walls

VARIFLEX – movable walls with intelligent solutions for sophisticated interior design requirements. Movable walls are offered from manual mode through semi-automatic to fully automatic mode in series: Variflex 88, Variflex ML 88, Variflex EI 30 with various stacked positions.

The system haven't limits for length, but the panel width should be up to 1250mm, system height is up to 14000mm.

The system offers various types of panel finishes available to suit any application. Sound reduction values up to 58 dB.

VARIFLEX system panel are designed with single-point or two-point suspensions that could be parked in niche or parallel to a wall.



Movable walls

SKYFOLD – Vertical retractable acoustic folding walls. The unique fully automatic system without analog on the market offers very good isolation and could be installed almost everywhere: system length is unlimited & system height – up to 14000mm. The vertically stacking configuration has allowed to optimize the space, dividing meeting or exhibition space as you wish.

3 series – 10 products

- **Z e n i t h**
- **C l a s s i c**
- **M i r a g e**



Movable walls

SKYFOLD ZENITH operable walls:

- Max. system height 3660mm
- Max. system width 14600mm
- Sound reduction index from 47 dB to 59 dB
- Available in a variety of finishes: vinyl, fabric, wood veneer, specialty metals, plastic laminates and more



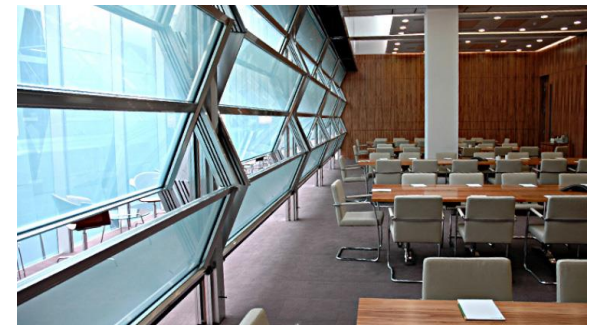
SKYFOLD CLASSIC operable walls:

- Max. system height 11000mm
- Unlimited system width
- Sound reduction index from 51 dB to 59 dB
- Available in a variety of finishes: vinyl, fabric, specialty metals, plastic laminates, marking surfaces, wood veneer and more



SKYFOLD MIRAGE operable walls:

- Max. system height 7310mm
- Unlimited system width
- Sound reduction index 34 dB
- Available inserts: clear laminated glass, plexiglass, Lexan, bullet proof glass, frosted glass





LGS – Lodging Systems



dormakaba is the global leader in the lodging industry. Products' lines **Ilco** и **Saflok** offer a wide range of hotel locks and solutions for access control.

Hotels – complex solutions for access control



Card readers



Locks with card readers



Locks with coding



Locks for evacuation routes
and emergency exits



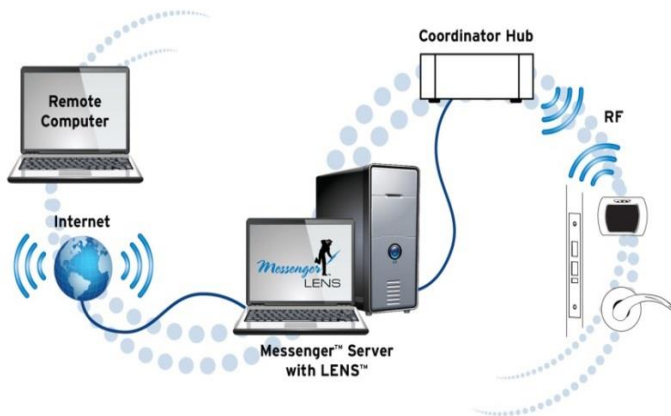
dormakaba Lodging Products



Wide range of modern electronic lodging locks with BLE (Bluetooth), RFID (Radio-Frequency Identification Device), Mag-stripe.

dormakaba electronic lodging locks work with ILCO or Saflok access control systems.

Access control systems



From profitable independent device for reception desks like (Front Desk Unit) to complexed wireless networking systems.

Confidant – electronic lodging lock with RFID card reader



Lock Confidant

- Combines non-contact technology with clear and minimalistic design to create an ultra-modern lock.
- RFID (Radio Frequency Identification Device) technology.
- Works with Mobile Key System.
- Works with ILCO и Saflok systems for access control: ILCO FDU, ILCO Atlas, Saflok System 6000 и Saflok Messenger Lens.
- Easy replacement of existing mechanical and electronic locks.
- Confidant RFID kit options:
 - Kit 1: outside lock housing only
 - Kit 2: outside / inside housings
 - Kit 3: outside / inside housings and mortise lock case

Electronic lodging locks Saflock



Quantum series

- Quantum III, Quantum II,
- Quantum RFID, Quantum MT.
- Unique and innovative modular design in two parts.
- With magnate or RFID readers
- Mobile Access capable lock

RT series

- Works with RFID reader.
- High security and tamperproof design, perfect retro vision.
- Option for the hotels that want to implement security system at a high level
- Staff monitoring (Keycard Audits)
- Emergency access: emergency keycard, mechanical key and electronic override

Electronic lodging locks Ilco with RFID card reader



Q90

- Modular design in two parts.
- Perfect retro vision, for the hotels that want security systems at a higher level.



790 Series

- Perfect retro vision, for the hotels that want security systems at a higher level
- Suitable from small to very large scale hotels
- High security and tamperproof design
- 1" solid deadbolt (optional auto deadbolt)
- Emergency access: emergency keycard, mechanical key and electronic override

- Electronic hotel locks Ilco work with Ilco access control: FDU & ATLAS
- Electronic hotel locks Ilco Q90 & 790 work with dormakaba Mobile key System

dormakaba Mobile Access Solution



What is a Mobile Access Solution?

- Modern Cloud technology for securely mobile key creation and management via smartphones and mobile devices.
- A guest receives access to application on his/her mobile device and loads a mobile key.
- After that guest could use the mobile device like “virtual key” to open the hotel room.
- Electronic lock is open when the mobile device is presented to the door lock sensor. It is acted via BLE (Bluetooth).



dormakaba Mobile Access Solution

How Mobile Access Solution works?

Continuous system's components integration:

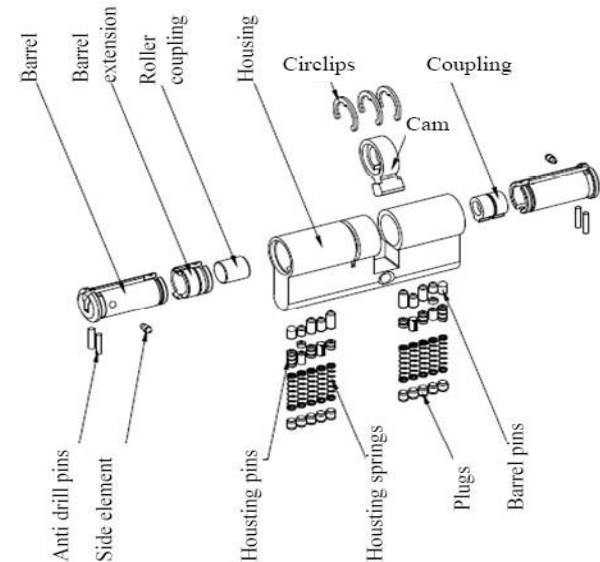
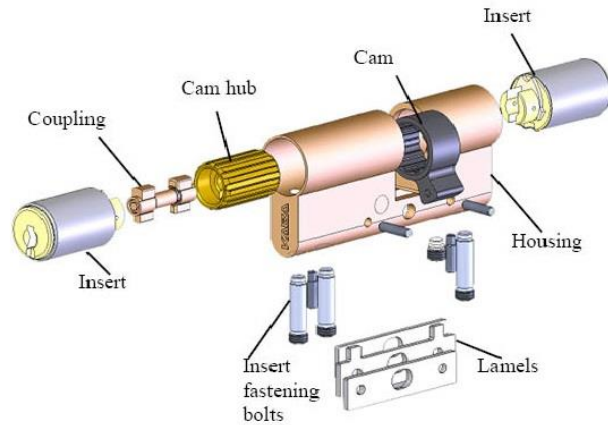
1. Server (System 6000/Atlas) – mobile key creation
2. LEGIC Connect: safe guest data transfer via Cloud
3. Guest's mobile device compatible with BLE: iPhone & Android for application loading
4. Electronic locks Saflok and Ilco: key reading





MKS – Master Key Systems

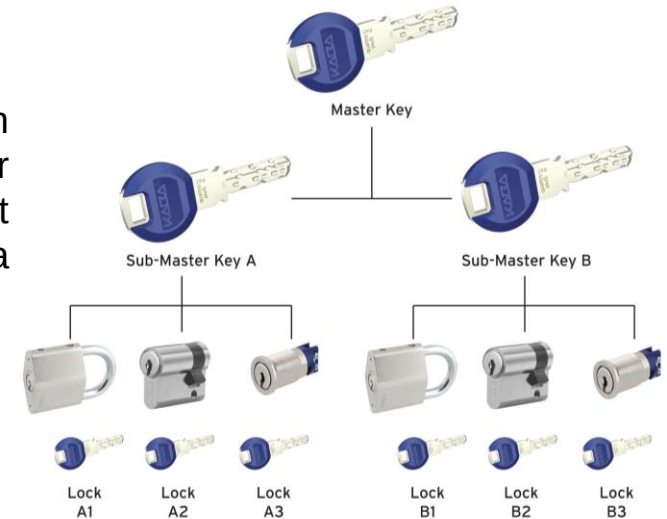
Mechanical cylinders



Mechanical key system

Master key systems are a key plan whereby selected keys can open a number of pre-defined doors. It helps maintain better control. dormakaba master key systems are among the most secure in the world. Here is what you get with a dormakaba master key system:

- A system designed specifically for your needs
- A tailor-made key plan
- Integration into your access control system if required.

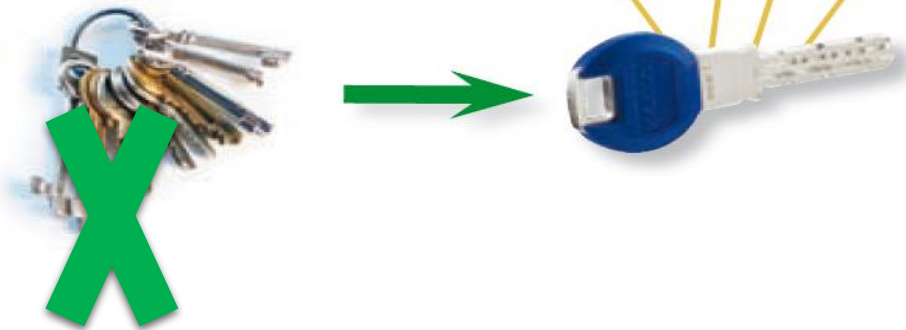


dormakaba penta - Perfection and Flexibility

The high security of dormakaba penta is based on the sophisticated technology inside the cylinder lock. dormakaba penta cylinder locks are one of the most secured on the market against the most common opening methods. The bumping method - which can open a common cylinder lock with a specially prepared key and a hammer with leaving any traces of force - is no topic for the owner of a dormakaba penta cylinder lock.

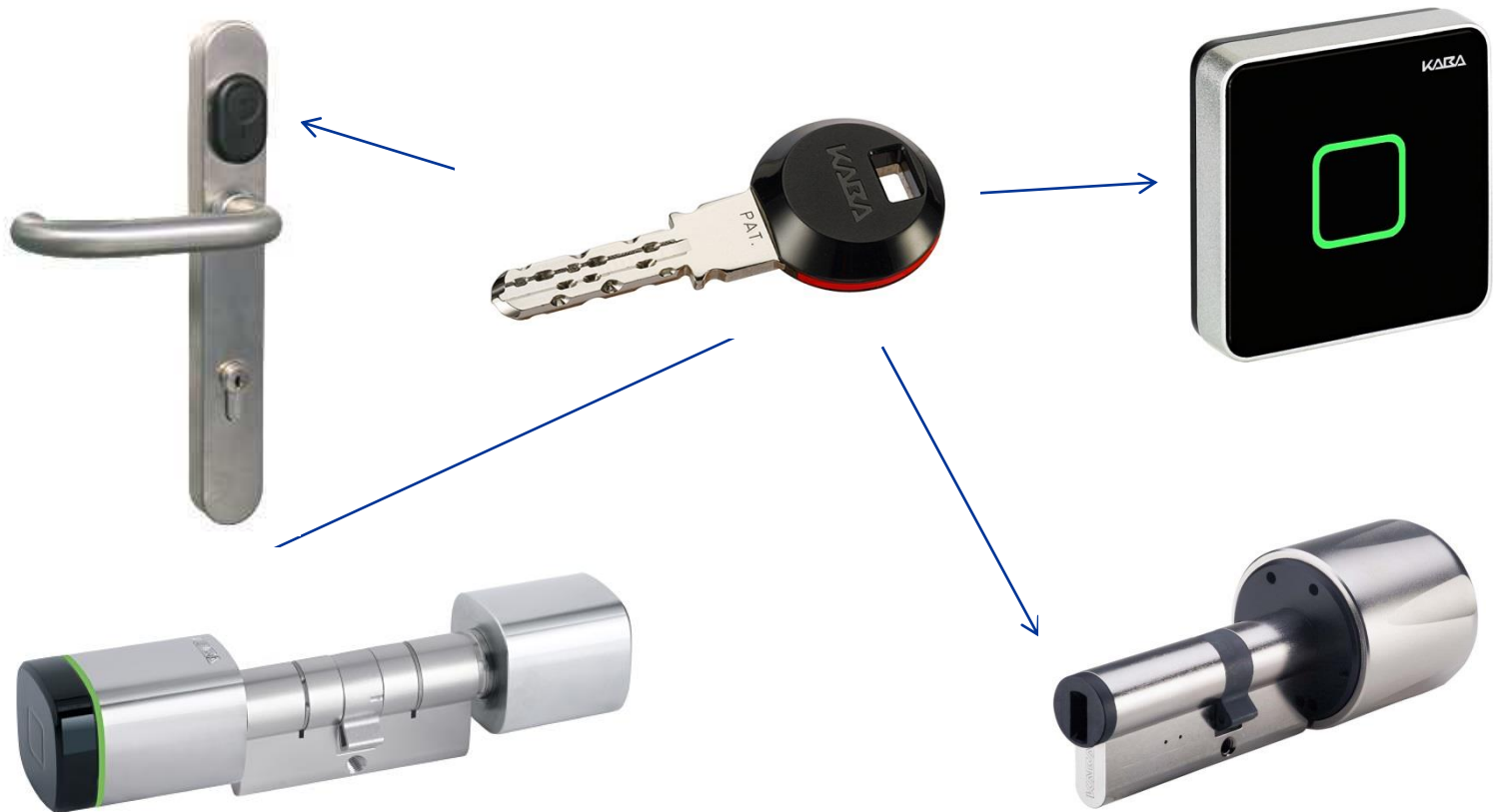


Locking system



dormakaba Mechatronic Systems

Key „experT pluS“ with build-in chip could be used either for mechanical door cylinders or like reader for electronic access systems.



Electronic Access & Data

dormakaba evolo system

With modern access system **evolo**, the existing mechanical key systems can be co-managed with easy and complemented digital components.



dormakaba evolo system

Evolo C – lever compact is the first electronic door furniture solution which replaces a mechanical lever handle and is completely independent from the cylinder.

Almost any room can be organized using this electronic solution. For example, access rights could be given to different user groups or individual persons for different rooms on different dates and at varying time, permanently or temporarily.

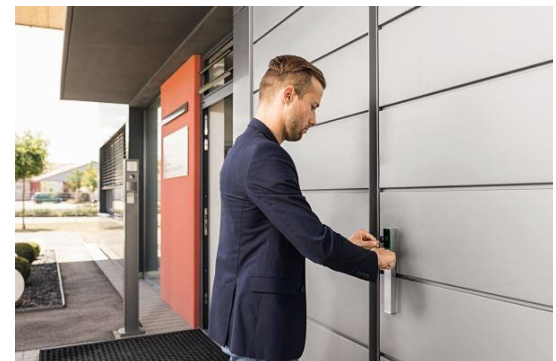


Evolo C – lever pro

The quality materials meet high standards in terms of robustness, weather resistance and security. The c-lever pro with TouchGo function detects when you are carrying an authorized transponder in your pocket, so you can enter the room by simply pressing the door handle as normal.

In addition, it offers protection against intrusion and fires, the c-lever pro can be used for emergency exits and escape routes.

C-lever pro is suitable for mounting on aluminum and timber doors.



dormakaba evolo system

Digital cylinder

The digital cylinder controls access to the right areas at the right time. The digital cylinder is suitable for any interior or weather-proofed exterior door from timber or aluminum.

The system is extremely easy to use: simply hold the badge up to the outside knob and the cylinder will emit a visual and acoustic signal to indicate whether access can be granted. On the same time it is a protected cylinder, even if the outside part will be destroyed, the premises will stay locked.



Compact reader 91 10 with elegant high-gloss finish can be integrated easily into existing buildings.

Simply present either a card, key fob or key with RFID transponder clip to the reader and enter.

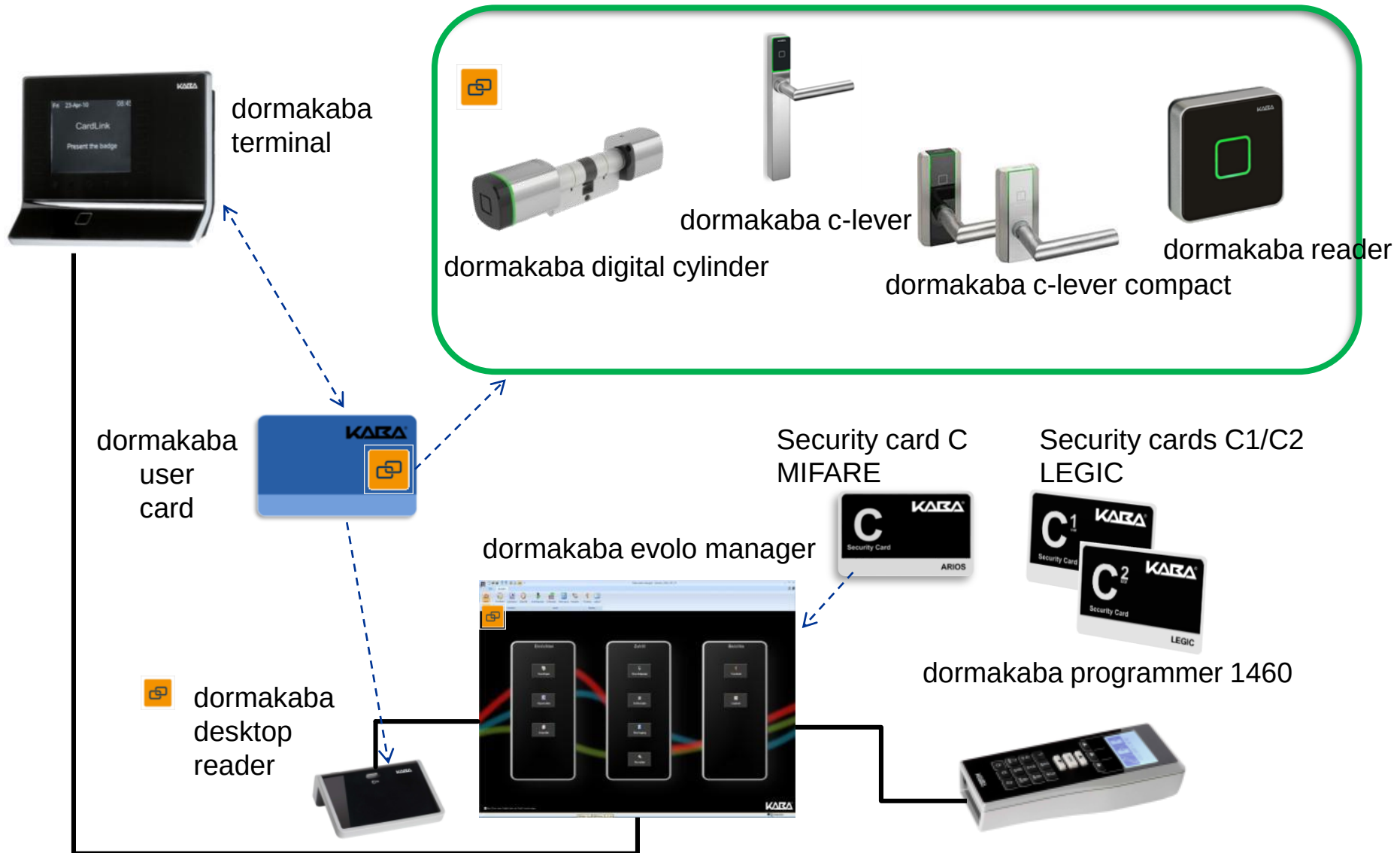
It can be used either as a reader to monitor the organization or for access control.

It is available in two designs:

- with a spacer frame for use indoors (surface wiring) or
- with rear panel and sealing pad for use in protected outdoor areas (flush-mounted wiring).



The modular dormakaba Evolo System



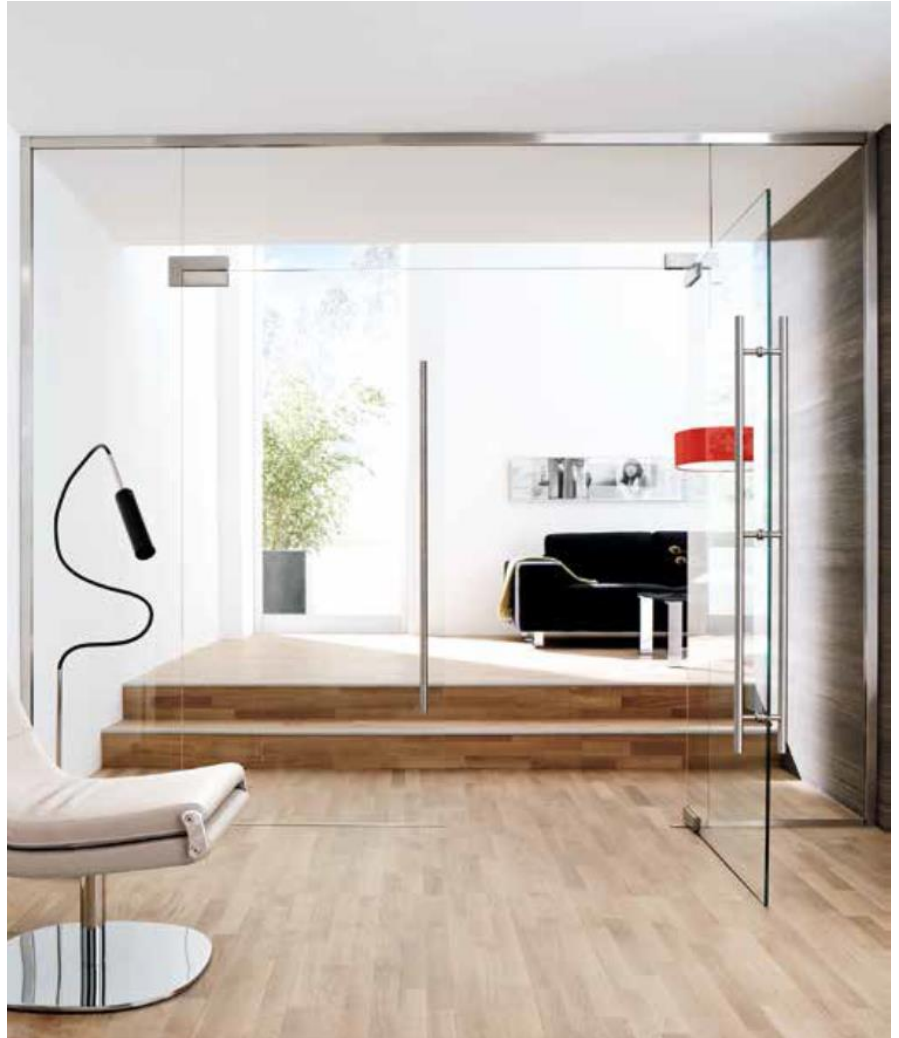


IGS – Interior Glass Systems

Fittings for toughened glass assemblies

Fittings, different in types and purposes, allow to create various combinations of glass doors and sidelights. They are suitable for mounting of single-leaf or double-leaf glass doors.

- Mundus
 - ✓ Mundus Comfort
 - ✓ Mundus Premium
- Beyond
- Visur
- Tensor
- Universal
- Universal light
- Arcos Universal
- BM fittings



Fittings for toughened glass assemblies

Mundus Comfort

Technical data:

- Toughened glass 8 – 12mm
- Max glass door weight - 150kg
- Max. glass door width – 1100mm
- Finish – satin & polished stainless steel, anodized colors, powder coated
- Locking – Euro profile cylinder
- Longevity: 500.000 cycles



Interior Glass Systems

Mundus Premium

Technical data:

- Toughened glass 8 – 22mm
- Max glass door weight - 200kg
- Max. glass door width – 1300mm
- Finish – anodized colors, powder coated, wet coated, satin & polished stainless steel, glass (on request)
- Locking – Euro profile cylinder
- Longevity: 1.000.000 cycles



MUNDUS CUSTOMISABLE SURFACES AND COLORS



Standard collection

dormakaba standard finishes, anodized or coated, satin or polished stainless steel



Trend collection

painted aluminum
Surfaces aligned to current trends in interior design



Exclusive collection

Treated metals such as anodized aluminum



Glass collection

Glass finishes enable the fittings to visually merge with glass doors, creating a completely new effect

Beyond Fittings

Technical data:

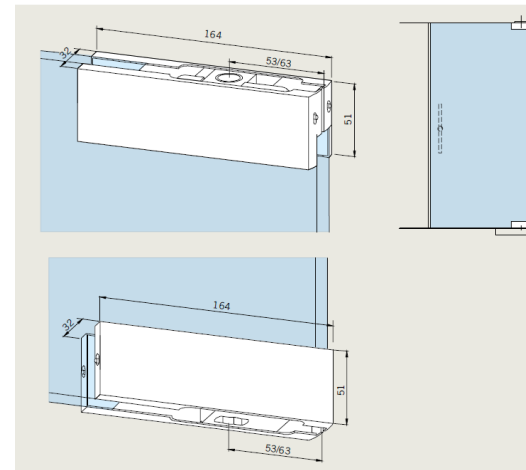
- Toughened glass 10 – 12mm
- Max glass door weight - 80kg
- Max. glass door width – 1000mm
- Max. glass door height – 2200mm
- Finish – anodized colors
- Application – 1-/2 panels, sidelight, overpanel, glass assembly



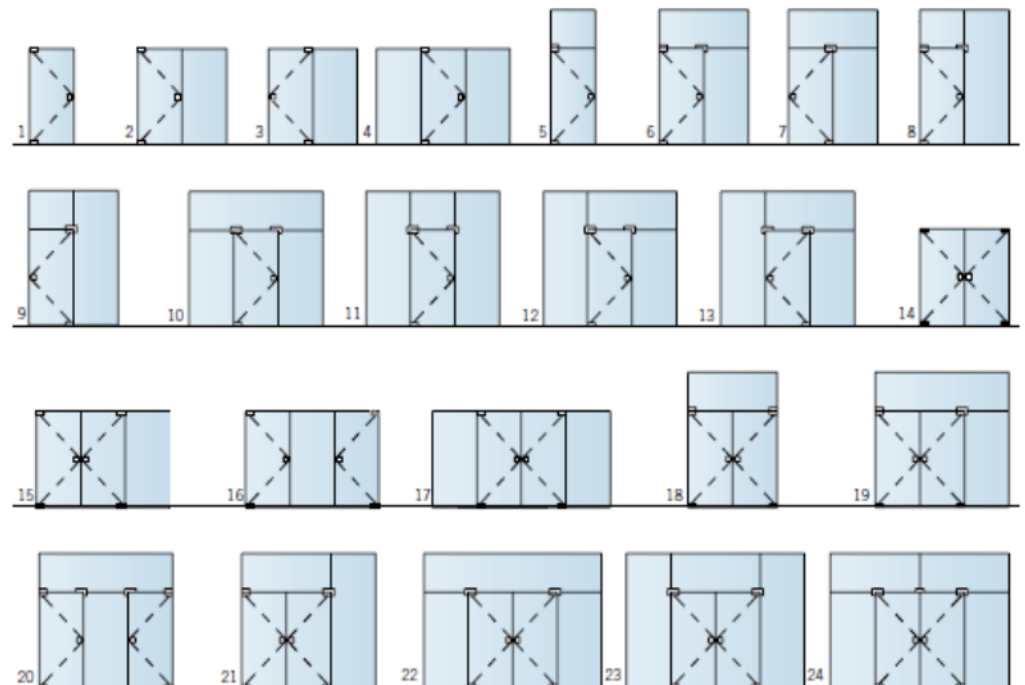
Universal Fittings

Technical data:

- Toughened glass 8, 10, 12mm
- Max. glass door weight - 130kg
- Max. glass door width – 1300mm
- Finish – anodised and RAL colors, brass, stainless steel
- Locking – non-lockable, profile cylinder, patch locks
- 24 standard types for toughened glass assemblies



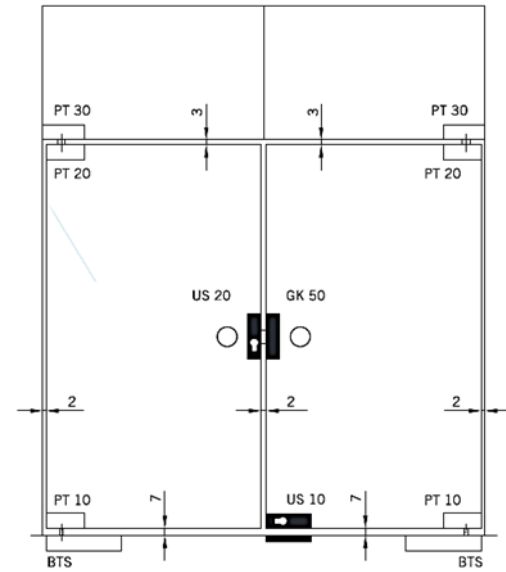
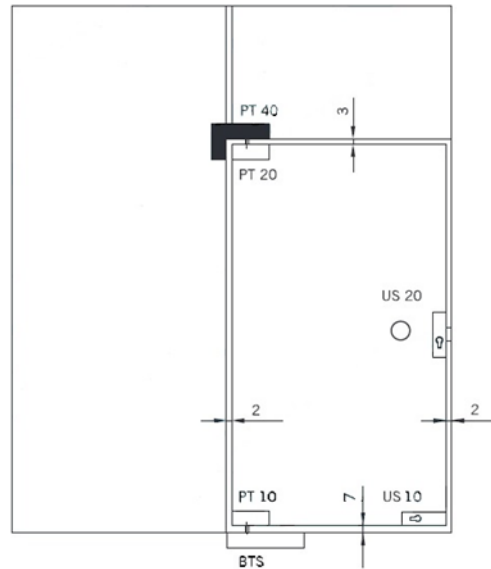
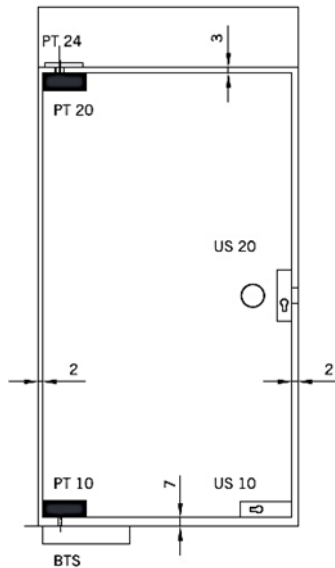
Standard configurations for doors and sidelights with fittings Universal



Universal light Fittings

Technical data:

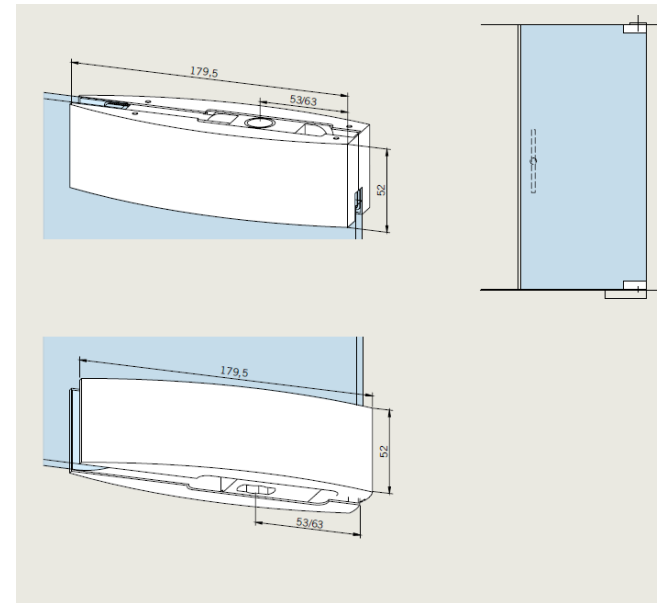
- Toughened glass 10 – 12mm
- Max. glass door weight - 100kg
- Max. glass door width – 1100mm
- Finish – stainless steel
- Locking – Euro profile cylinder
- In combination with all dormakaba floor spring door closers



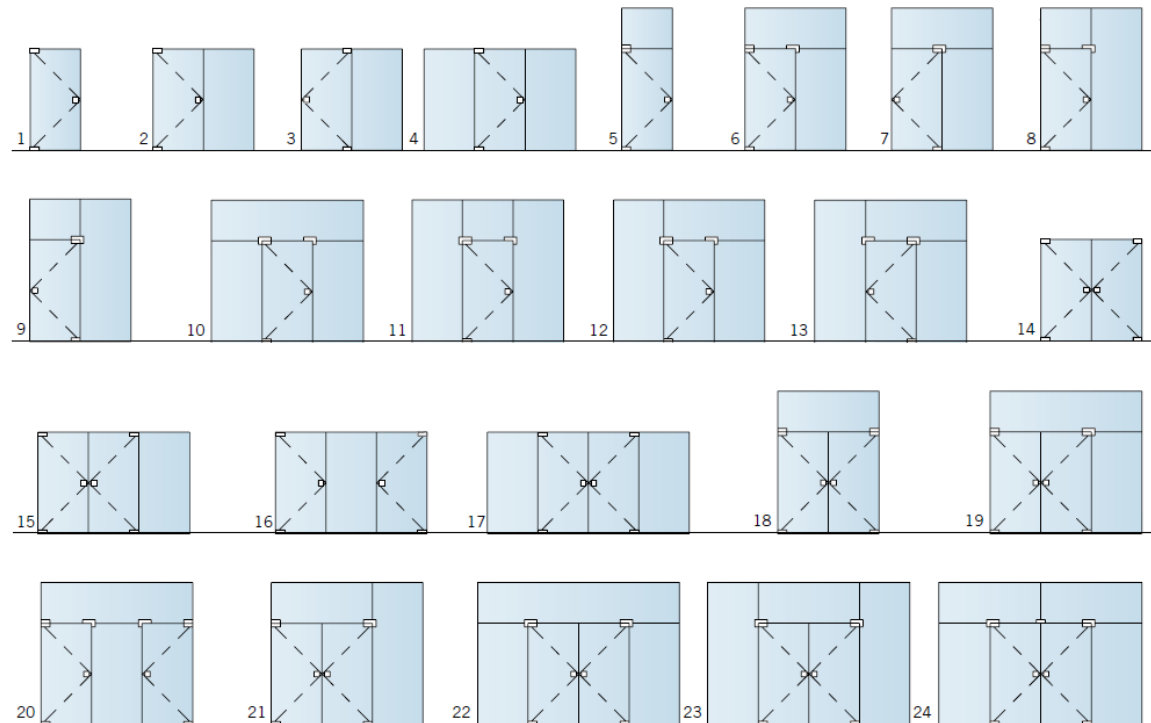
Universal Arcos Fittings

Technical data:

- Toughened glass 8,10 and 12mm
- Max. glass door weight - 130kg
- Max. glass door width – 1300mm
- Finish – aluminum silver EV1, stainless steel
- 24 standard types for toughened glass assemblies



Interior Glass Systems



Manual single-action and double-action door systems

Visur Fittings

Technical data:

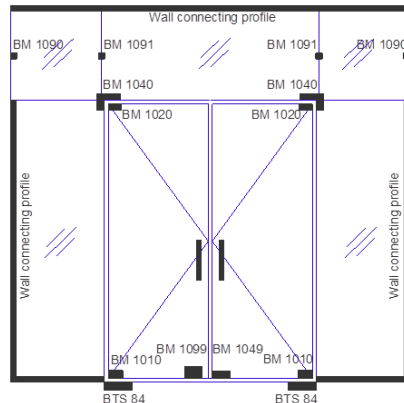
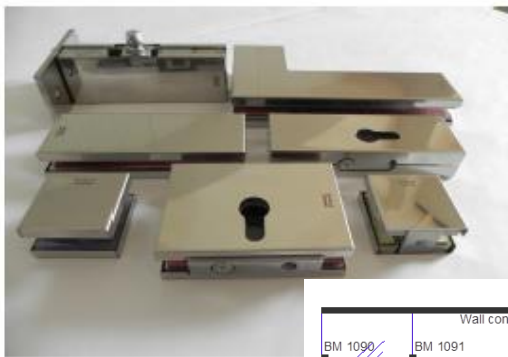
- Toughened glass 10 – 12mm
- Max glass door weight - 85kg
- Max. glass door width – 1100mm
- Max. glass door height – 2500mm
- Finish – aluminum, aluminum silver EV1
- Application – 1-/2 panels, sidelight



BM Fittings

Technical data:

- Toughened glass, 10mm
- Max. glass door weight – 80-100kg
- Max. glass door width - up to 1100mm
- Finish – polished stainless steel
- In combination with dormakaba floor spring door closer BTS 84



Interior Glass Systems

Tensor Fittings

Technical data:

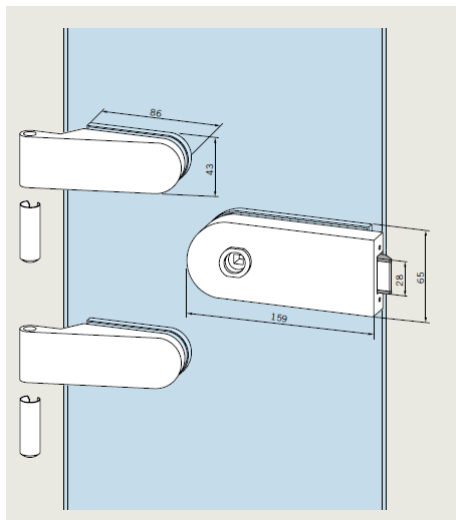
- Toughened glass 8,10 and 12mm
- Max. glass door weight – 65kg
- Max. glass door width - up to 1100mm
- Max. glass door height – up to 2500mm
- Finish – aluminum silver EV1, stainless steel
- Application – 1-/2 panels, sidelight



STUDIO Rondo

Technical data:

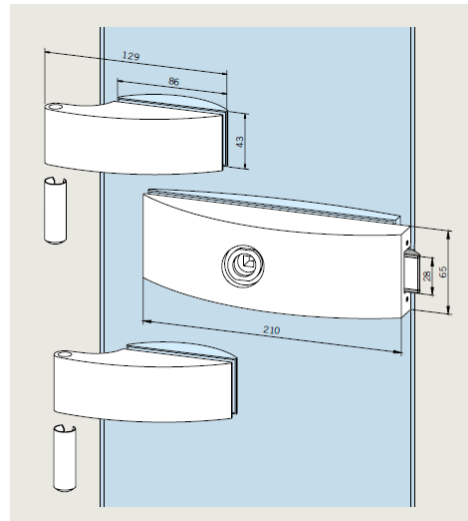
- Toughened glass 8 – 10mm
- Max. glass door weight - 45/55kg
- Material - aluminum, brass
- Finish – anodized- & RAL- colors (coated), brass
- Locking – non-locking latch, profile cylinder, regular key, toilet lock
- Suitable for single- or double-leaf doors



STUDIO Arcos

Technical data:

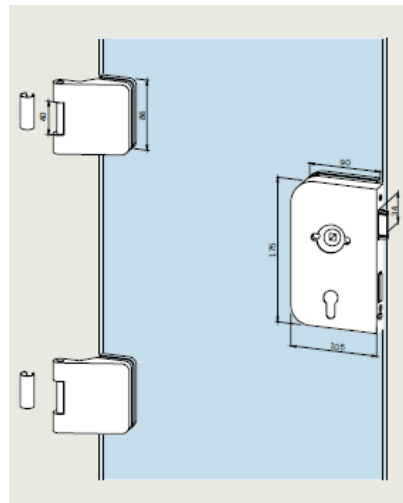
- Toughened glass 8 – 10mm
- Max. glass door weight – 45/55kg.
- Material – aluminum, brass
- Finish – anodized- and RAL - colors (coated), brass
- Locking – non-locking latch, profile cylinder, regular key, toilet lock
- Suitable for single- or double-leaf doors



OFFICE Junior

Technical data:

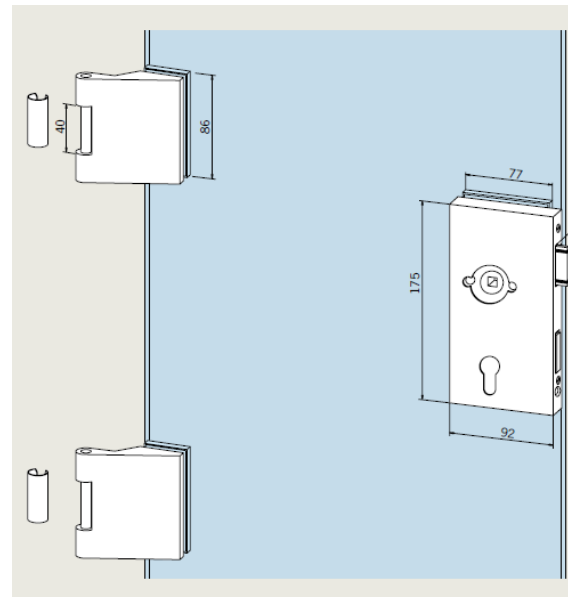
- Toughened glass 8 – 12mm
- Max. glass door weight - 55kg
- Material – aluminum, stainless steel, brass
- Finish – anodized- and RAL - colors (coated), stainless steel, brass
- Locking – non-locking latch, profile cylinder, regular key, toilet lock
- Suitable for single- and double-leaf doors



OFFICE Classic

Technical data:

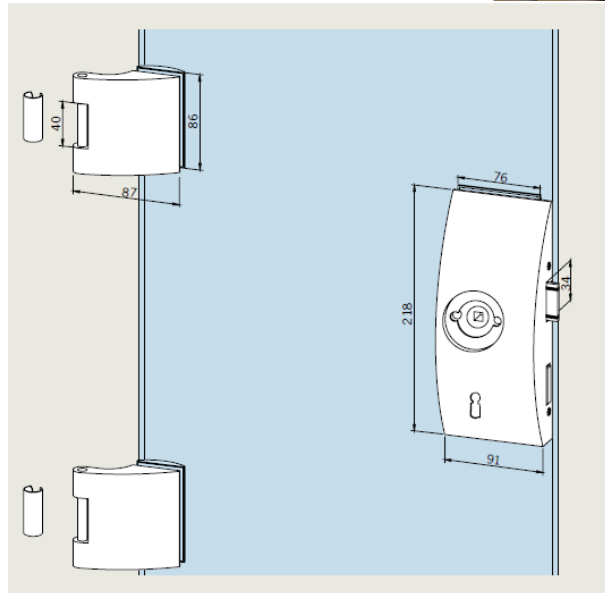
- Toughened glass 8 – 12mm
- Max. glass door weight - 55kg
- Material – aluminum
- Finish – anodized- and RAL- colors (coated)
- Locking – non-locking latch, profile cylinder, regular key, toilet lock
- Suitable for single- and double-leaf doors



OFFICE Arcos

Technical data:

- Toughened glass 8 - 12mm
- Max. glass door weight - 55kg
- Material - aluminum, brass
- Finish – anodized- and RAL- colors (coated)
- Locking – non-locking latch, profile cylinder, regular key
- Suitable for single- and double-leaf doors



Aluminium frame profiles ALEXA for glass doors and sidelights

Frame profiles ALEXA are offered in several sizes: AT23, AT23E, AT44, AT45 и AT50, depending on application and client's requirements, and are compatible with all dormakaba door hardware:

- STUDIO Rondo
- STUDIO Arcos
- OFFICE Junior
- OFFICE Classic
- OFFICE Arcos

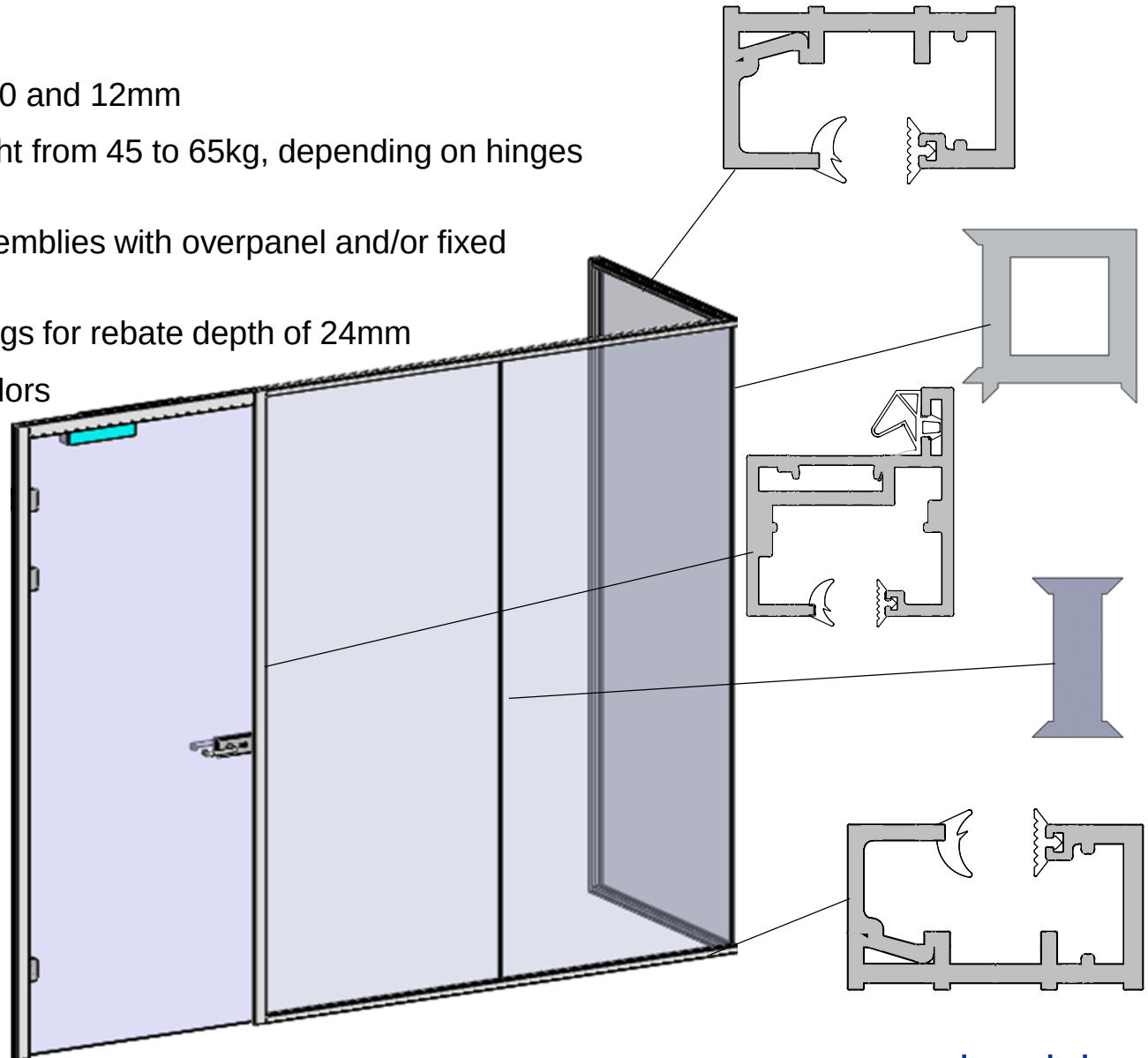


ALEXA AT45 frame profile for glass assemblies

Technical data:

- Toughened glass 8, 10 and 12mm
- Max. glass door weight from 45 to 65kg, depending on hinges type
- Application: door assemblies with overpanel and/or fixed sidelight
- Matching with all fittings for rebate depth of 24mm
- Finish – anodized colors
- Material – aluminum

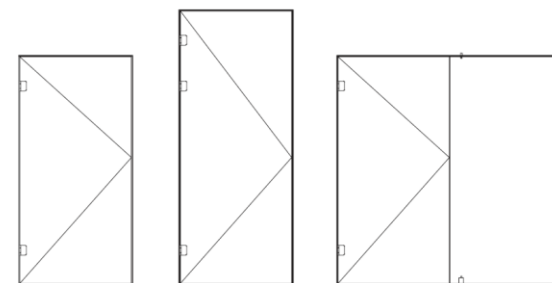
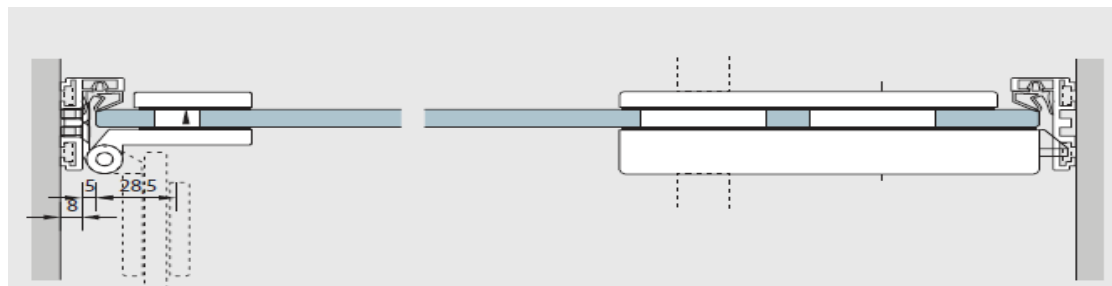
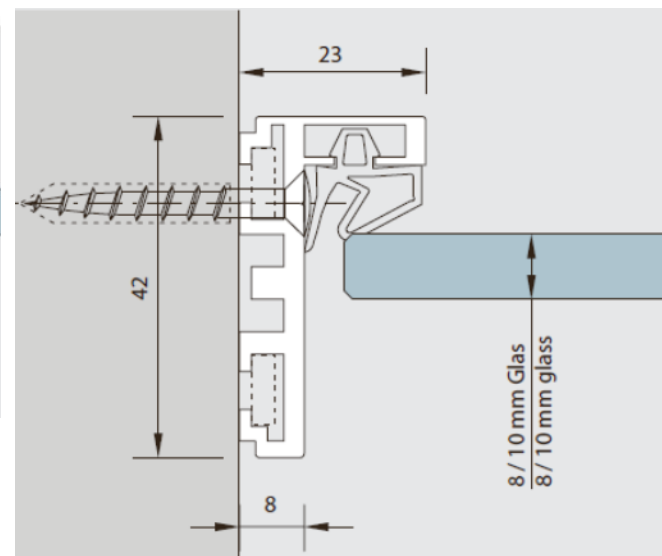
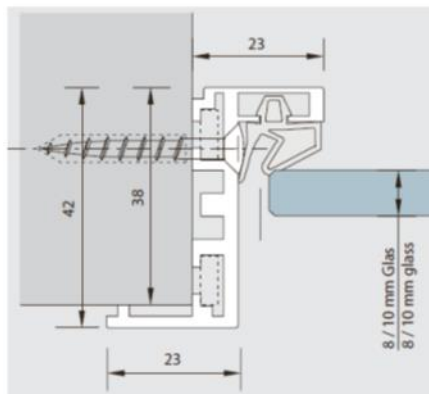
Visible profile width is only 25mm



ALEXA AT23/ AT23E frame profile for single-action door

Technical data:

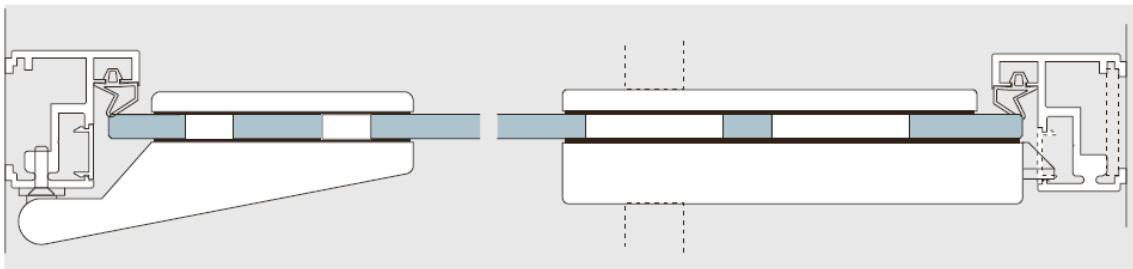
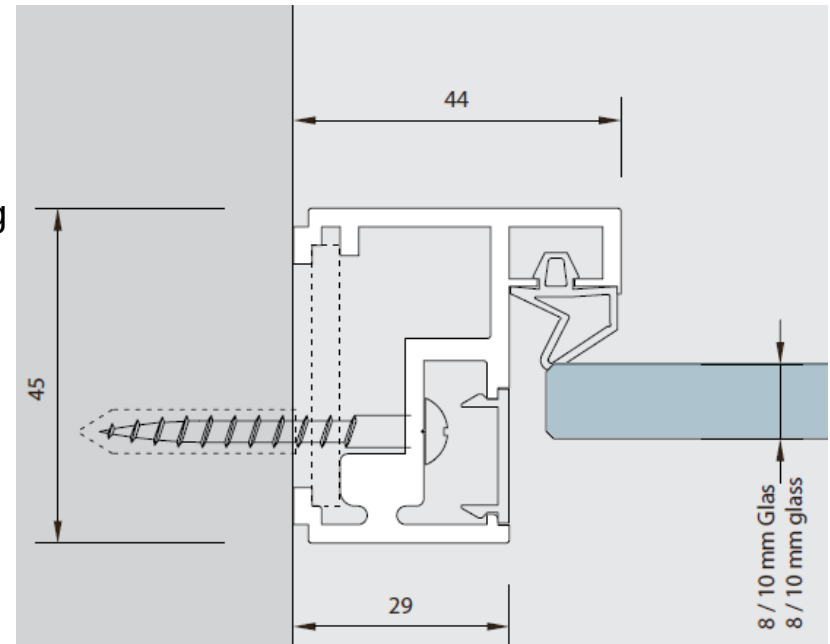
- Toughened glass 8 – 10mm
- Max. glass door weight:
 - with 2 hinges - 40kg
 - with 3 hinges - 55kg
- Material – aluminum
- Finish – aluminum silver EV1, satin stainless steel
- Suitable dormakaba hinges: 11.294, 12.050, 25.450



ALEXA AT44 frame profile for single-action doors

Technical data:

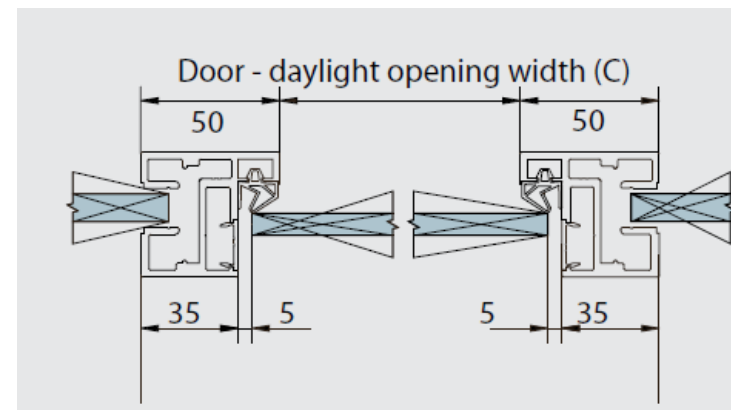
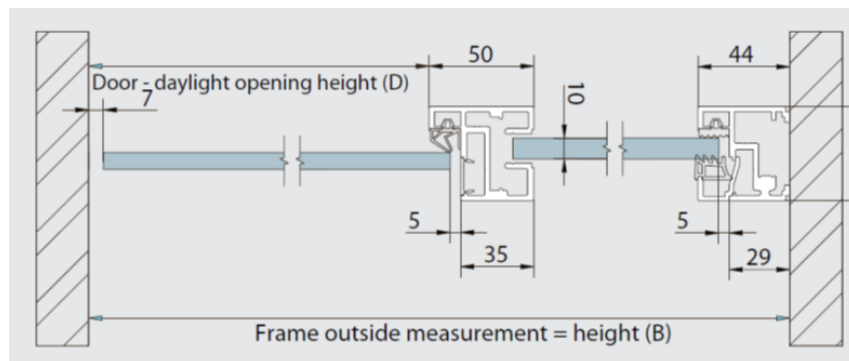
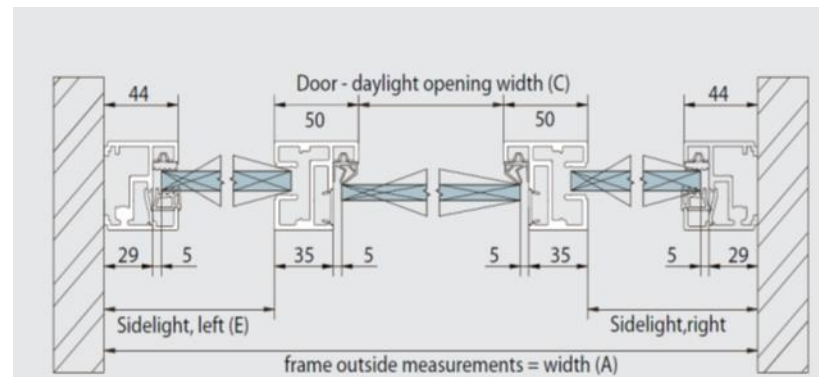
- Toughened glass 8 – 10mm
- Max. glass door weight from 45 to 65kg, depending on hinges type
- Material – aluminum
- Finish – aluminum silver EV1, satin stainless steel
- Matching with all fittings for rebate depth of 24mm



ALEXA AT50 frame profile with integrated single-action doors

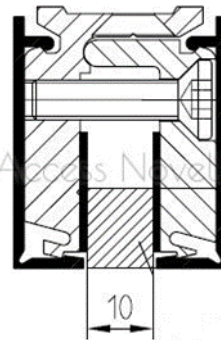
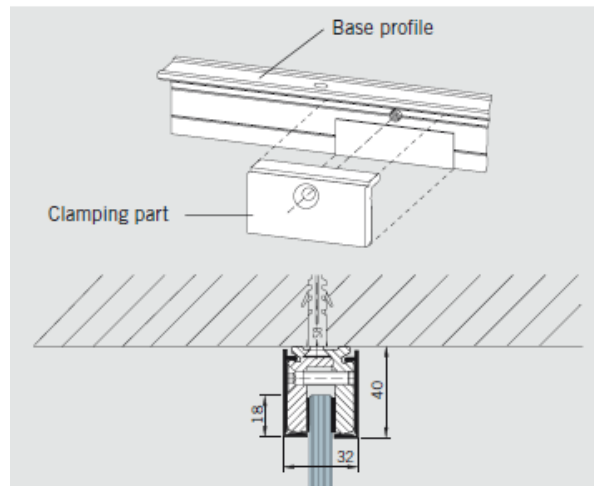
Technical data:

- Toughened glass 8 – 10 mm
- Max. glass door weight from 45 to 65 kg, depending on hinges type
- Material – aluminum
- Finish – aluminum silver EV1, satin stainless steel
- Matching with all fittings for rebate depth of 24 mm



Wall connection profile

Wall connection profile is available in aluminum or stainless steel and has various of surfaces. WCP provides a clean, elegant finish of toughened glass constructions toward the wall, the ceiling and the floor. It ensures the secure hold for all system parts. Suitable for home and office, administration, public and commercial buildings.



Visible profile width is only 40mm



Universal TP profile

Universal TP profile can be used either indoors or outdoors.

Glass thickness from 8mm to 19mm

The rail height is 100mm.

Could be offered in aluminum EV or satin stainless steel cover



Manual sliding door system Muto

Thanks to its elegant design and solutions with manual sliding doors from glass or wood, Muto could be ideally synchronized and adapted to particular project or architectural ideas.



Self-closing function for automatically door closing after it has been open.



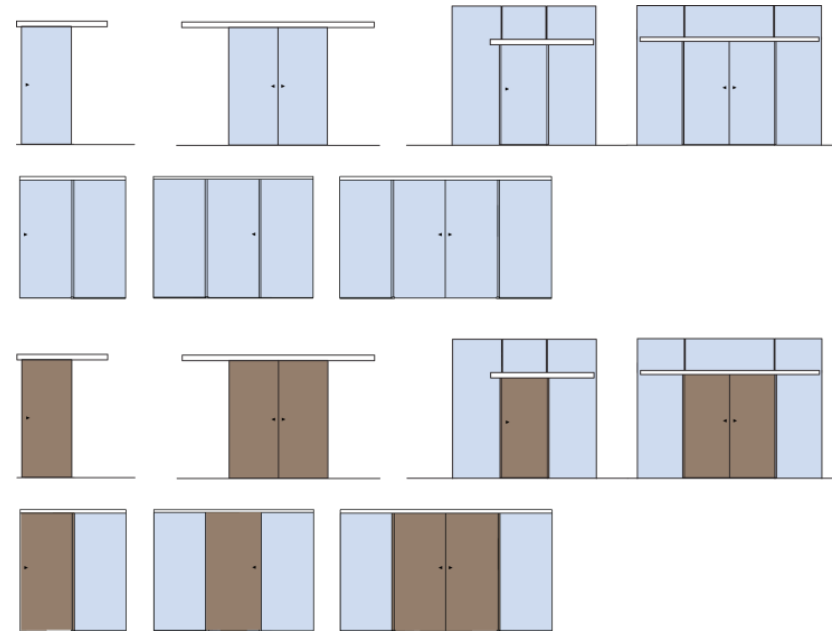
Dormotion function for gently stop the door leaf

Manual sliding door system Muto

Depending on dimensions and interior design the system offers different series: Muto Comfort, Muto Premium, Muto Premium Self – closing, Muto Premium Telescopic.

Technical data:

- Glass type – ESG, LSG
- Max. glass thickness – up to 13.5mm
- Max. door height – up to 3000mm
- Max. glass or timber door thickness – up to 50mm
- Mounting: on wall, glass and at ceiling
- Muto Comfort M60 – 60kg max. door weight
- Muto Comfort L80 – 80kg max. door weight
- Muto Premium XL80 – 80kg max. door weight
- Muto Premium XL 150 – 150kg max. door weight
- Muto Premium Self-Closing – 120kg max. door weight
- Muto Premium telescopic – max. 80kg per panel



Horizontal sliding walls HSW EASY Safe

The horizontal glass walls HSW EASY Safe stand for high transparency and safety.

Whether straight or angled, they adapt to individual wishes and are suitable for spaces modernization and new buildings. The new door rail allows an effortless and time-saving installation and can hold even laminated safety glass thanks to the tried and tested Clamp&Glue technology.

New HSW EASY Safe uses ITS 96 concealed door closer, that is almost invisible in the panel profile.

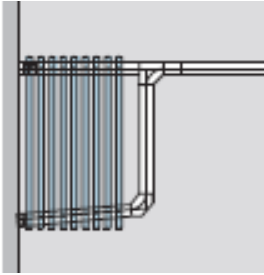


Please consider our notes about max. panels' dimensions and weights.

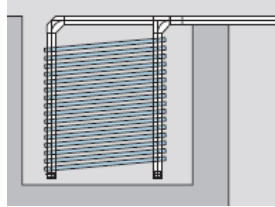
	Pivoting end panel	Sliding panel	Single action sliding panel with TS 92 cam-action door closer or ITS 96 concealed door closer	Double action sliding door with ITS 96 concealed door closer	Fixed panel
Max. panel height, mm	4000	4000	3600	3600	4000
Max. panel width, mm	1250	1250	1250	1250	1250
Max. panel weight, kg	150	150	120	120	150

Horizontal sliding walls HSW EASY Safe

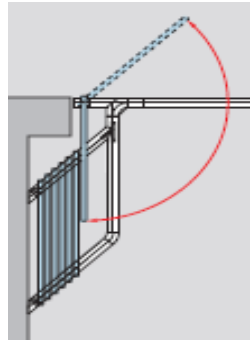
Stacking arrangements



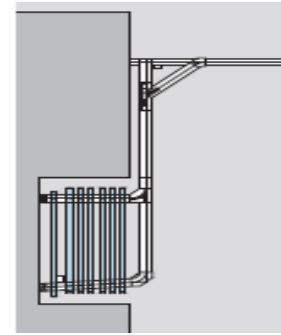
Standard stacking arrangement



Niche stacking



Stacking behind column



Stacking with reshuffle bypass

Three locking possibilities in one component



Side locking device



Front locking device



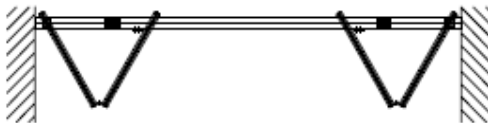
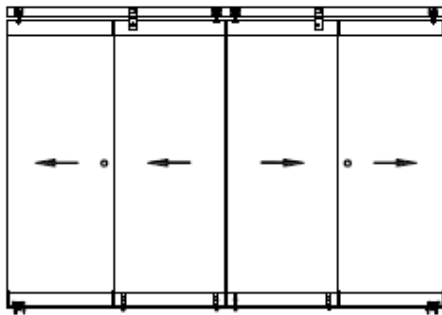
Euro profile cylinder lock

Folding sliding walls FSW EASY Safe

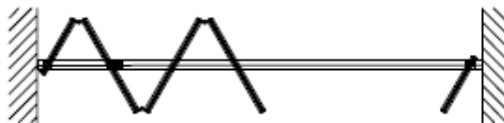
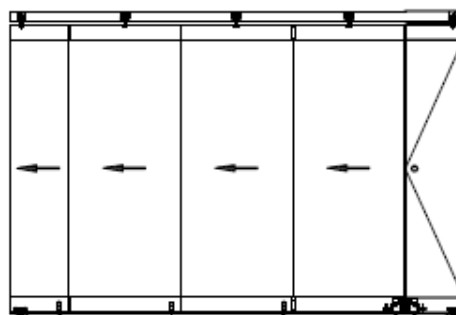
Transparent, compact and space-saving – these are the main characterization of FSW system. FSW system has a linear assembly pathway and provides a suitable alternative to a HSW system, nearly matches its looks and technology.

dormakaba offers 3 types of the FSW EASY Safe system:

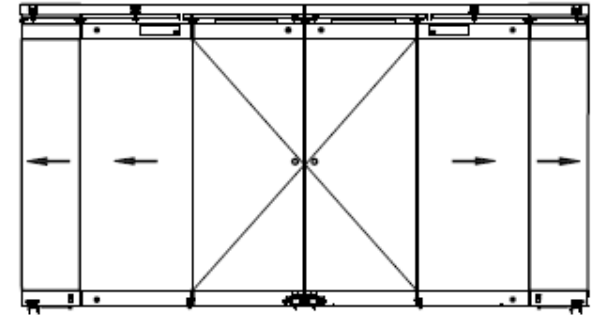
FSW EASY Safe



FSW EASY Safe C



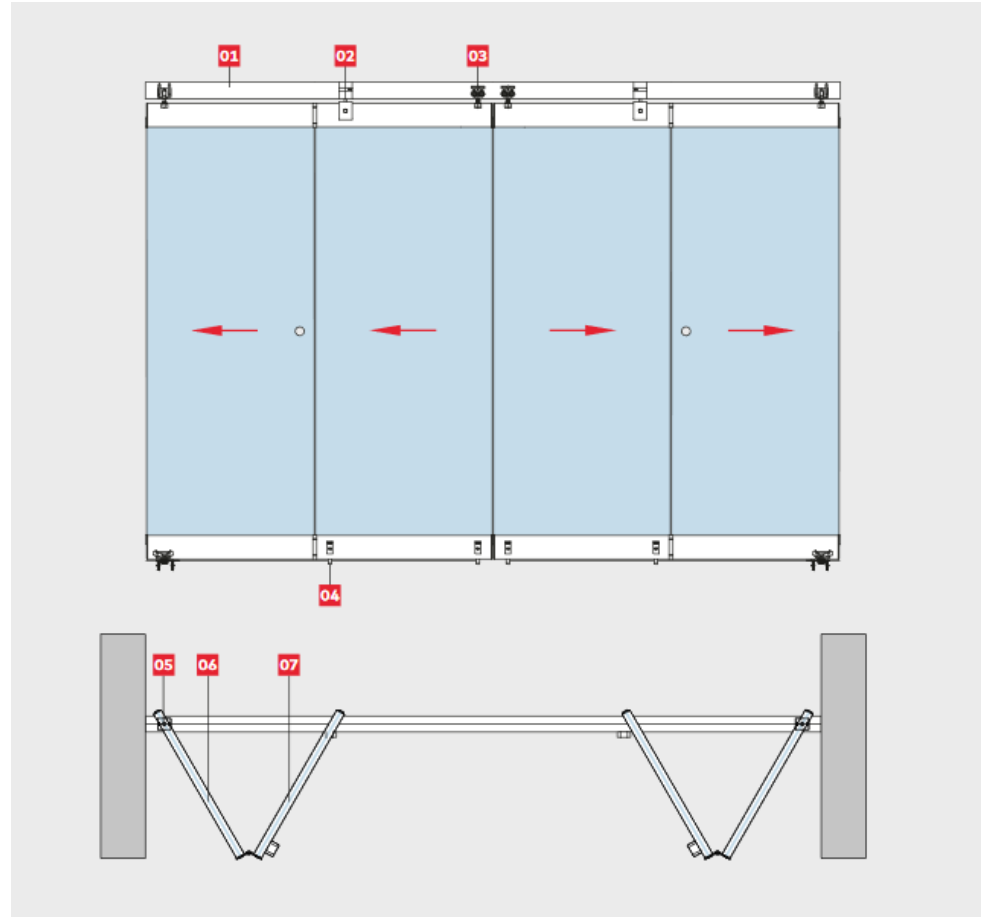
FSW EASY Safe C plus
with cam action door
closer TS 93 G



Folding sliding walls FSW EASY Safe

FSW EASY Safe folding sliding walls system is suitable for a linear assembly pathway. Thanks to its easy and space-saving folding technology, separate park construction is not required.

- 01. Track rail
- 02. Upper locking bolt
- 03. Roller carrier
- 04. Face mounted slide bolt
- 05. Upper pivot bearing of the basic panel
- 06. Basic panel
- 07. Folding panel



Max. panel sizes and weights	Basic panel with top pivot and floor pivot	Folding panel with roller carrier and lock bolts top and bottom	Folding panel with roller carrier and lock bolts top and bottom	Basic panel with roller carrier and lock bolts top and bottom
Max. assembly height, mm	3000	3000	3000	3000
Max. panel width, mm	1000	1000	1000	1000
Max. panel weight, kg	80	80	80	80



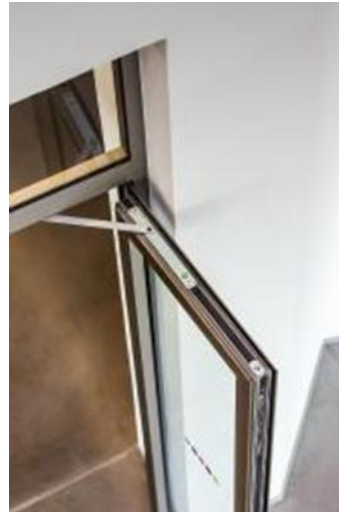
Door Hardware

Cam-action door closer – concealed technology

The dormakaba ITS 96 door closer is designed for concealed installation in the door leaf and frame. Suitable for almost every type of door, it offers a wide variety of functions and flexibility combined with a high level of quality.

Technical data:

- Slide arm G-96 N20 (20mm), handed
- Two EN size 2 - 4, 3 - 6
- Max. door weight up to 130 kg & 180kg
- Max. door width up to 1100mm & 1400mm
- Door leaf thickness up to 50mm
- Max. door opening angle approx. 120°
- Closing speed adjustable by valve
- Optional hold open unit.



Cam-action door closers, surface mounted

dormakaba TS 97

Technical data:

- Slide arm included
- EN size 2 – 4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Door leaf / frame fixing, on pull side
- Opening angle up to approx. 120 °
- Optional Hold open unit.
- Overall depth of 37 mm



Door Hardware

dormakaba TS 93

Technical data:

- Standard configuration with N-type slide channel
- Door leaf and frame installation on pull and push side – closer body type B (pull) and G (push)
- Two EN size 2 - 5, 5 – 7
- Back Check & Delayed Closing as standard
- Max. door weight up to 100kg & 160kg
- Max. door width up to 1250mm & 1600mm
- Closing & latching speed adjustable by separate valves
- Supplied together with mounting plate
- Optional Hold open unit.



Cam-action door closers, surface mounted

dormakaba TS 92

Technical data:

- Slide arm G-N
- Available as type **B** (pull) and **G** (push)
- EN size 1 - 4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Closing & latching speed adjustable by separate valves
- Supplied with mounting plate
- Optional Hold open unit.
- Glass door mounting

dormakaba TS 91

Technical data:

- Slide arm G-N
- EN size 3
- Max. door weight up to 60kg
- Max. door width up to 950mm
- Closing & latching speed adjustable by separate valves
- Optional Hold open unit.

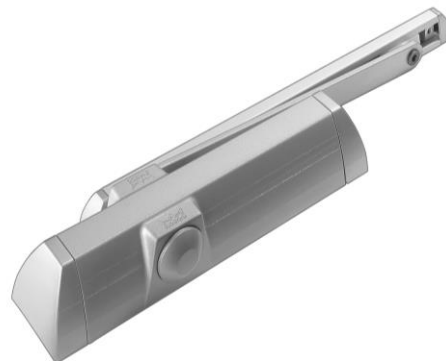


Cam-action door closers, surface mounted

dormakaba TS 90 Impulse

Technical data:

- Complete package with slide assembly
- EN size 3/4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Four mounting applications with only one closer
- Closing & latching speed adjustable by separate valves
- Optional Hold open unit



Range of Rack & Pinion door closers – ClassicLine, surface mounted

dormakaba TS 73V

Technical data:

- With projecting arm assembly
- EN size 2 – 4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Standard Back Check
- Closing & latching speed adjustable by separate valves 180°-15° / 15°-0°
- Latching action (by arm)
- Optional hold-open arm “on/off switch”



Door Hardware

dormakaba TS 83

Technical data:

- With projecting arm assembly
- EN size 3 – 6 and EN 7
- Max. door weight up to 120kg & 160kg
- Max. door width up to 1400mm & 1600mm
- Standard Back Check
- Optional Delayed Closing
- Closing & latching speed adjustable by separate valves 180°-15° / 15°-0° (EN 3-6)
- Latching action (by arm)
- Optional hold-open arm “on/off switch”
- Optional optimized corrosion protection



Range of Rack & Pinion door closers – ClassicLine, surface mounted

dormakaba TS 72

Technical data:

- With projecting arm assembly
- EN size 2 – 4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Latching action (by arm)
- Closing & latching speed adjustable by separate valves 180°-15° / 15°- 0°
- Closer body with plastic cover
- Optional hold-open arm



dormakaba TS 71

Technical data:

- With projecting arm assembly
- EN size 3/4
- Max. door weight up to 80kg
- Max. door width up to 1100mm
- Latching action (by arm)
- Closing & latching speed adjustable by separate valves 180°-15° / 15°- 0°
- Closer body with plastic cover
- Optional hold-open arm



Floor Springs – almost invisible

dormakaba BTS 84

Technical data:

- Door width up to 1100mm
- Maximum door weight 100kg
- Available in closing forces EN 2, 3 and 4
- Easy to adapt to individual requirements with dual valve control 130° to 0° and 130° to 20°
- Installation depth is just 40mm



Door Hardware

dormakaba BTS 75V

Technical data:

- Door widths up to 1100mm
- Maximum door weight 120kg
- Adjustable closing force between EN 1 - 4
- Mechanical Back Check
- Closing & latching speed adjustable by separate valves 175°-15° / 15° - 0°
- Optional fixed hold-open at 90° or 105°
- CE mark for non hold-open types
- Installation depth is 50mm



dormakaba BTS 80

Technical data:

- Door widths up to 1400mm
- Maximum door weight 300kg
- Available in closings forces EN 3,4 and 6
- Closing & latching speed adjustable by separate valves 175°-0°
- Adjustable hold-open
- CE mark for non hold-open types
- Installation depth is 60mm



dormakaba door levers



OGRO by Architects

The OGRO by Architects product range exemplifies dormakaba's decades of close cooperation with architects and designers. OGRO by Architects gives you the opportunity to realize your own creative ideas.



dormakaba OGRO

The OGRO range of door furniture offers attractive, technically proven solutions for satisfying the most exacting demands in project builds.



dormakaba Pure

The dormakaba Pure range comes in an attractive design of functional quality. Fittings are characterized by their proven technology and operational reliability.

dormakaba locks

dormakaba locks offer the very highest standard of quality and functional reliability. With the use of high-grade materials, precise production techniques and a comprehensive quality management system, all dormakaba locks meet demanding technical specifications.

Locks are suitable for all residential buildings' internal and external doors, gates, garage doors as well as for public and administrative buildings' doors made of aluminium or wood.



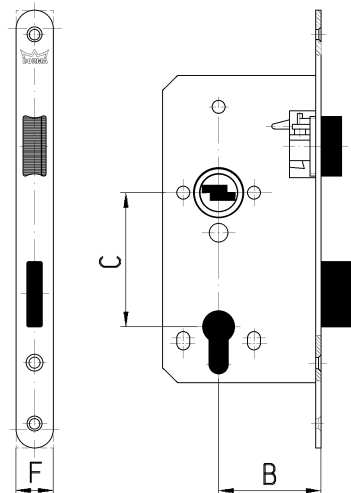
Principles

Main dimensions:

C Center distance

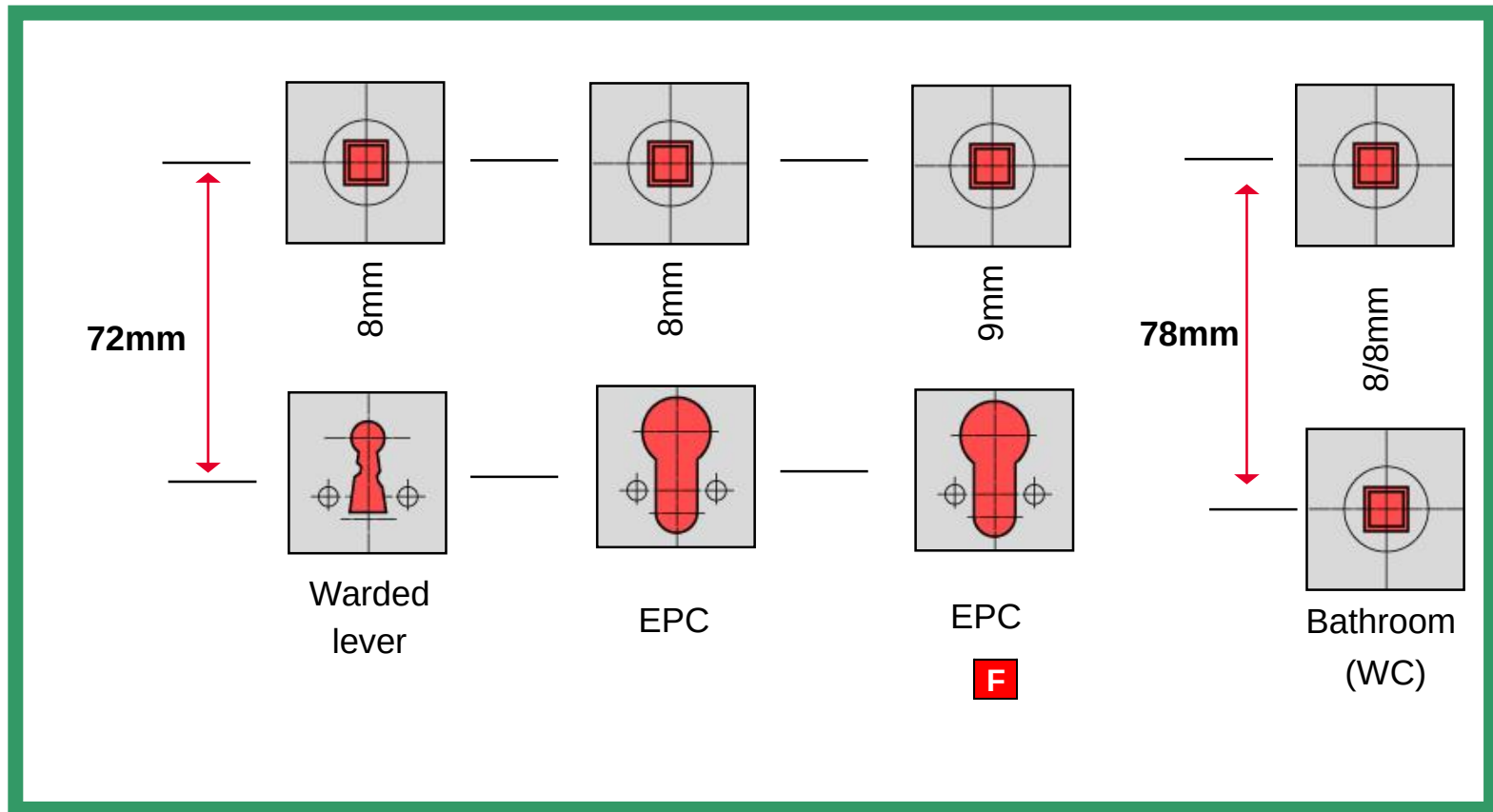
B Backset

F Forend (width, contour)



dormakaba locks

Type of key operation – German Standard



dormakaba locks for timber doors

Mortise locks 170/XX series:

Technical data:

- Technical specifications to DIN 18251-1, Class 2/3
- Forend finish satin-brushed stainless steel
- Optional: includes strike plate and screws
- Forend widths 20 or 24mm, rounded or squared



Features	170 BB	170 WC	170 WZ
Follower 8mm	●	●	●
Center distance, mm	-	78	72
For Euro profile cylinder	-	-	●
Bathroom/WC, thumbturn 8mm	-	●	-
Bolt projection, mm	-	10	20
Backset, mm	55	55	55
Handed	non	non	non

dormakaba Modular Anti-Panic-Hardware-System

European Standards

EN 1125 - requirements and test methods for panic exit devices operated by a horizontal bar. For doors in escape routes where panic situations might arise. The exits and their hardware are not familiar to everyone (e.g. exit doors on public buildings).

EN179 - this standard covers devices to be used in emergency situations where people are familiar with the emergency exit and its hardware and therefore a panic situation is most unlikely to develop. Lever handle operated escape locks or push pads may therefore be used.

Meaning a products conform to the safety and quality standards set forth by the European Community.



➔ dormakaba PHA 2500, PHA 2000, PHB 3000 and Exit Pad are tested and certified accordingly

Anti-Panic Hardware

PHA 2000 Crossbar Fittings

Technical data:

- Modular system
- 1-/2-/3-point locking
- Door width up to 1300mm
- Door height up to 2270mm
- Door leaf thickness up to 60mm
- Max. door leaf weight – 200kg
- Projection < 100mm
- Dogging device (serial)
- Non handed design
- Contur Design (patent)
- For standard doors and fire and smoke check doors
- For rebated and flush-closing doors
- Test in accordance with EN 1125



Door Hardware

PHB 3000 Pushbar Fittings

Technical data:

- Modular system
- 1-/2-/3-point locking
- Door width up to 1300mm
- Door height up to 2270mm
- Door leaf thickness up to 60mm
- Max. door leaf weight – 200kg
- Projection from face < 100mm
- Dogging device (serial)
- Non handed design
- Contur Design (patent)
- For standard doors and fire and smoke check doors
- For rebated and flush-closing doors
- Test in accordance with EN 1125



Anti-Panic Hardware

dormakaba PHA 2500 Touch Bar Fittings for Narrow Stile Doors

Technical data:

- Standard doors in emergency escape routes: single-leaf and double-leaf door
- Door width up to 1300mm for single-leaf doors and up to 2600mm for double-leaf doors
- Door height up to 2500mm
- Door leaf thickness up to 60mm
- Max. door leaf weight – 250kg
- Projection from face ≤ 100 mm
- Euro profile cylinder centers – 92mm
- Backset – 35/40/45mm
- Forend width – 24mm
- For fire and smoke control doors
- Test in accordance with EN 1125



Door Hardware

dormakaba Exit Pad in Contur Design

Technical data:

- 1-/2-point locking
- Standard doors (single-leaf/double leaf)
- For standard doors and fire and smoke check doors (single-leaf/double leaf)
- For glass doors
- Door width up to 1300mm
- Door height up to 2270mm
- Door leaf thickness up to 60mm
- Max. door leaf weight – 200kg
- Non handed design
- Security anti-thrust latch
- Test in accordance with EN 179



Thank you!