

A high-angle photograph of a modern office interior. The floor is covered in light-colored square tiles. Large glass doors with silver frames are the central focus, with a person walking through them. To the right, a curved glass desk is visible, and a potted plant sits on the floor. The image is overlaid with a dark blue geometric shape containing the text.

CATALOGUE

Valid from 01/2021

**AUTOMATIC
DOORS**

FAAC
Simply automatic.

THE AUTOMATIC DOORS **VIDEO** DIRECTLY **ON YOUR SMARTPHONE**

Scan the **QR Codes** below and see them in action!



A1400 AIR



SKR35



GBF 3500



A951



GBF 1500-1600



950N2



AIRSLIDE



SF1400



FAAC
Simply automatic.

Automatic Doors
Automated systems for
special entrances



FAAC: THE TECHNOLOGY THAT SURROUNDS YOU

Innovation, the ability to push ourselves beyond established practice, the courage to cross frontiers and open up many more: these are the values that have inspired FAAC throughout its history.

FAAC was founded in Zola Predosa (Bo) Italy in 1965 and right from the very beginning became synonymous with automation systems for gates due to innovation and the quality and the reliability of its products.

Today, after having filed 40 patents for its own design solutions, FAAC has achieved unparalleled international success and has considerably expanded its product range: not only have the residential solutions made FAAC famous throughout the world but also its commercial and office access control solutions.



**MORE THAN
3000**
PEOPLE EMPLOYED IN **5**
CONTINENTS



17
PRODUCTION FACILITIES IN
15 COUNTRIES



34
SALES COMPANIES IN **25**
COUNTRIES



1
A NETWORK OF MORE THAN
80 COUNTRIES SERVED BY
OFFICIAL DISTRIBUTORS

These are the numbers of FAAC Group, one of the most important companies of European industry.

Technologically innovative.

The passion for research into new technological solutions and the optimisation of existing systems are the values on which FAAC's philosophy is based. That's the way our whole organisation works, to design products that are better every day.

Nothing but quality, always.

The continuous inspection of its products makes FAAC synonymous with quality and safety. From the raw materials to its suppliers and the manufacturing processes, which are carried out entirely in-house, the keyword is Quality, without compromise.

Reliability and safety above all.

All FAAC products undergo very thorough testing to ensure their long-term reliability. Scrupulous compliance with international safety standards ensures complete safety for people and the environment.

Customer satisfaction, every day.

FAAC works to make its solutions a perfect answer to everyday needs. This is why FAAC guarantees the satisfaction of its customers by carefully monitoring the market to find and interpret new needs in advance.



SAFE & GREEN SUSTAINABILITY IS AUTOMATIC

SAFEzone.
EVERYTHING
IS EASIER,
EVERYTHING IS
SAFER.

With SAFEzone, FAAC identifies systems conducive to more convenient installation of automation systems in compliance with the requirements of the European Directive currently in force (Machinery Directive 2006/42/EC) on safety.

SAFEzone includes a range of FAAC solutions (Hydraulic and electromechanical operators with 24Vdc and 230Vac power supply) that, by means of the use of new control boards and/or new devices like the absolute encoder SAFECoder (**FAAC patent**), allow not only the realization of new installations in compliance with the Euro Norm requirements, but also the up-grade of existing installations with no need to replace the automations already installed.



SAFECODER: THE HEART OF SAFETY

The new absolute encoder SAFECoder guarantees complete movement control, reverse on obstacle detection and offers the following advantages:

- It can be installed on all FAAC automations: for swing, hydraulic and electromechanic, 230V e 24V;
- can be installed on existing FAAC installations without the need to modify the brackets or installation dimensions;
- allows you to automatically, and with extreme precision, set the deceleration and stop positions with no need for electric limit switches;
- allows you to prevent the motor from pushing against the mechanical stops and, consequently, increases the lifetime of the installation and avoids energy waste;
- allows you to eliminate mechanical travel stops by manually setting the stop positions, even for partial openings;
- avoids abnormal movements after power failure (the absolute encoder always keeps in memory the leaf position).



GREENTECH: THE MOST NATURAL CHOICE TO SAVE ENERGY.

SAFE & GREEN is FAAC's safe and sustainable approach to the world of automation.

Effective solutions and systems are FAAC's answer to areas that have always been central to its philosophy:

- The safety of automation systems in compliance with the requirements of European Directives and current regulations.
- The reduction of energy consumption, with a reduced environmental impact and consequent cost savings for the end user.

green
tech 

With GREENTECH, FAAC identifies systems and/or devices which are a combination of latest generation electronic control boards and mechanical innovations and innovative patented solutions that allow a significant reduction of energy consumption and on-going installation running costs such as:

- use of switching power supply devices with very high efficiency instead of traditional laminated or toroidal transformers on the control boards;
- opening and closing time optimising systems (Energy Saving) of pedestrian ways (automatic doors)
- control units that can enable stand-by modes to reduce power consumption when the automatic system is not in operation;

The aim is increased environmental friendliness and tangible advantages for the end user, stemming from the quantifiable reduction in energy costs for managing the automation system. All the above is achieved without jeopardising the high performance level of FAAC automated systems.

SIMPLY CONNECT

BE AUTOMATIC, BE
CONNECTED



MANAGE YOUR SYSTEMS
TODAY WITH A SIMPLE
TOUCH.

Simply Connect is the smart solution
that allows you to interact remotely with your automations,
at any time and from anywhere.

A laptop is shown at the bottom of the frame, with its screen displaying the 'SIMPLY CONNECT' logo. The logo is rendered in a bold, white, sans-serif font. The word 'SIMPLY' is smaller and positioned above 'CONNECT'. The background of the screen is a vibrant blue with a horizontal light streak. Numerous glowing blue lines radiate upwards from the laptop screen, connecting to the server rack icon on the left and the bidirectional arrow icon on the right, creating a sense of dynamic connectivity. The entire scene is set against a dark blue background with a subtle pattern of glowing particles.

**SIMPLY
CONNECT**

Simply innovative. Simply practical. Simply FAAC.



Simply Connect PRO for Professionals

- Program without having to access the electronic control board
- Real-time fault and malfunction notifications
- Monitoring, also remotely
- Single dashboard for the management of all your automations
- Integrated calendar to improve appointment scheduling
- Improved service for your clients
- Lower operating costs

Simply Connect for the Clients

- A single App to open, close and control all your automations
- Authorized user management
- Real-time automation status or fault notifications
- Camera monitoring of the access associated with the automation

**Find out more
pages 58 to 62
products and
applications**

**SIMPLY
CONNECT**

SAFE AND SECURE FOR EVERYONE

A communication protocol based on E2EE encryption (End-to-End Encryption) ensures the integrity and confidentiality of data in compliance with the personal data protection regulations indicated in GDPR 2016/679.

www.faacsimplyconnect.com

THE FAAC KEYWORD: CERTIFIED QUALITY

Performance, reliability and price are the basic requirements behind each FAAC product.

To maintain the same high quality levels that have always characterised our products, the company continuously invests in technological innovation, production methods and organisation.

Certification is as important as innovation

FAAC and certification go hand in hand. To start with, FAAC's Quality Management System is UNI EN ISO 9001:2015 certified.

The most important certification is our DNA.

Our trademarks, patents and certifications all testify and confirm FAAC's unique business philosophy, which we have always considered "the most important certification of all". Continuous commitment to component and product quality, careful selection of suppliers, and scrupulous production process quality control, since 1965 have made the FAAC brand a worldwide by-word for high quality, reliability, conformity to standards and end user safety.



Innovation, one step after another.



Identifies the electronic board compatible with optional modules that allow the automations to be controlled remotely. If the board is supplied as a standard component of an automation system, the product will be identified by this logo.



Identifies automatic doors fitted with a device that identifies the direction of movement and assesses a person's intention to go through the doorway, and uses this data to optimise opening and closing times and prevent needless loss of indoor air.



Microwave sensor



Infrared sensor



Double technology sensor



Touchless sensor



Photocells

Consultation guide

The FAAC Automatic Doors price list has been completely redesigned. Below a few indications as general consultation guidelines.

Symbols indicating product's use Product Family Technical data Product's plus Product Family Models List of the items included

Automated systems for sliding doors

A1000

Automated systems for sliding doors

Passage opening

700 - 3.000 mm

Max. leaf weight

110 - 2x70 Kg

safe zone

green tech

EN16005

CE

TECHNICAL SPECIFICATIONS

| Model | A1000 |
|---|---|
| Power supply voltage | 110-120 V~ / 220-240 V~ - 50/60 Hz |
| Max. power | 100 W |
| Use frequency | 100% |
| Motor | Motor powered at 36 V ~~~ with encoder |
| Max. accessories load | 1A - 24V ~~~ |
| Type of traction | By means of an electro-conductive toothed belt |
| Opening leaf time | 5 ± 70 cm/s (1 leaf) - 10 ± 140 cm/s (2 leaves) |
| Closing leaf time | 5 ± 70 cm/s (1 leaf) - 10 ± 140 cm/s (2 leaves) |
| Partial opening adjustment | 10% - 90% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN 16005) | As standard (may be excluded) |
| Low energy movement (EN 16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ± +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 61000-6-2; EN 61000-6-3 |

FAMILY MODELS

| Item code | Model | Leaf | Passage opening mm | Max. leaf weight kg | Self-supporting (head section length) mm |
|-----------|-------|--------|--------------------|---------------------|--|
| 105296C | A1000 | single | 700 ± 3000 | 110 | no |
| | A1000 | double | 800 ± 3000 | 70 ± 70 | no |

THE COMPLETE A1000 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

E100 CONTROL UNIT

- Microprocessor control unit
- E100 with incorporated motor block, battery and photocell boards
- 115/220 V~ - switching power supply unit
- Removable terminal boards
- Programming via SD KEEPER function keypad
- Programming of basic functions via wireless SDK radio control: automatic, night, open door, mono-directional, partial, manual
- Automatic adjustments
 - Definition of open and closed positions
 - Measurement of leaf mass and friction
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)

3 buttons for basic programming of:

- opening and closing speed
- pause time
- night pause
- motor block
- battery
- monitored protection sensor management
- acceleration and deceleration ramps
- opening and closing thrust force
- thrust force time
- motoring on motor lock
- night function input delay
- USB port for software update

DRIVE UNIT COMPLETE WITH:

- Gearmotor powered at 24 V with optical encoder
- E100 Control unit
- Return pulley with screw adjustment device for belt tensioning
- Electro-conductive transmission belt
- 2 carriages (A100 COMPACT 1 leaf) or 4 carriages (A100 COMPACT 2 leaves)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

SUPPORTING PROFILE

- In extruded aluminium, slotted for height and width adjustment
- Dimensions (HxD) 100 x 150 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm high with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

CARRIAGES

- Die-cast aluminium structure
- Two bearing wheels manufactured in polyamide
- Nylon counterthrust roller on bearing
- Carriage height adjustment ± 7.5 mm
- Lateral adjustments +/- 10 mm
- Extruded aluminium leaf connection profile
- Brush for sliding track cleaning

The product is SAFE&GREEN

List of technologies standard included in the product

The symbols describe the product use application field.

Offices

Hotel/Residence

Restaurants

Airports

Shopping malls and Multiplex

Banks

Hospitals/Care facilities

Pharmacies

Sterile environments

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TYPE OF INSTALLATION

Automated systems for sliding doors

| Model | Passage opening | Weight | Available versions |
|-----------------|----------------------|---------------------|----------------------------|
| A1000 | from 700 to 3000 mm | 110 / 70 + 70 kg | standard |
| A1400 AIR | from 700 to 3000 mm | 200 / 120 + 120 kg | standard, self-supported |
| A1400 AIR T | from 1100 to 4000 mm | 110 + 110 / 4x60 Kg | telescopic, self-supported |
| A1400 AIR DM | from 800 to 3000 mm | 250 / 180 + 180 Kg | double motor |
| A1400 AIR RD | from 800 to 3000 mm | 150 / 120 + 120 Kg | standard, self-supported |
| A1400 AIR RD T | from 1100 to 4000 mm | 110 + 110 / 4x60 Kg | telescopic, self-supported |
| A1400 AIR RDF | from 800 to 3000 mm | 150 / 120 + 120 Kg | standard |
| A1400 AIR RDF T | from 1100 to 4000 mm | 110 + 110 / 4x60 Kg | telescopic |

See the relevant section for details



The reliability of the products is assured by a careful choice of the materials used and by 100% production testing.

Typical Installation Examples page. 216

Order form



Automated systems for sliding doors

| | | |
|-----------|----------|---------------|
| Date | Ord. N. | Customer Code |
| Recipient | Ph. | |
| Customer | | |
| Address | ZIP code | City |
| | | Province |

Configuration of the automated system

Model:

- ☐ single left leaf ☐ self-supporting
- ☐ single right leaf ☐ double motor
- ☐ two leaves
- ☐ telescopic

Note: for defining the opening direction of the single leaf (right or left) see Form A.

Passage opening: _____ **mm**

Standard head section length: _____ **mm**

Non-standard head section length: fill in Form B (see page 14)

Note: the head section length (LT) is determined by the width of the passage opening (VP) according to the formula:

Standard models: $LT = VP \times 2 + 100 \text{ mm}$

Telescopic models: $LT = VP \times 1.5 + 100 \text{ mm}$

Overlapping between fixed and mobile leaf is considered in the following way:

Single leaf: 50 mm (+ 50 mm for the closing stop)

Two leaves: 50 + 50 mm

If the overlap is different, the LT formulas vary accordingly.

Supplied accessories installed on demand

(Please tick the appropriate boxes)

- ☐ Cover in natural aluminium
- ☐ Cover in anodised aluminium
- ☐ Colored anodized carter
- ☐ RAL standard painted carter
- ☐ Bi-stable motor lock with internal release
- ☐ Monostable motor lock
- ☐ Motoring on motor lock
- ☐ Emergency batteries

(Please tick the appropriate boxes)

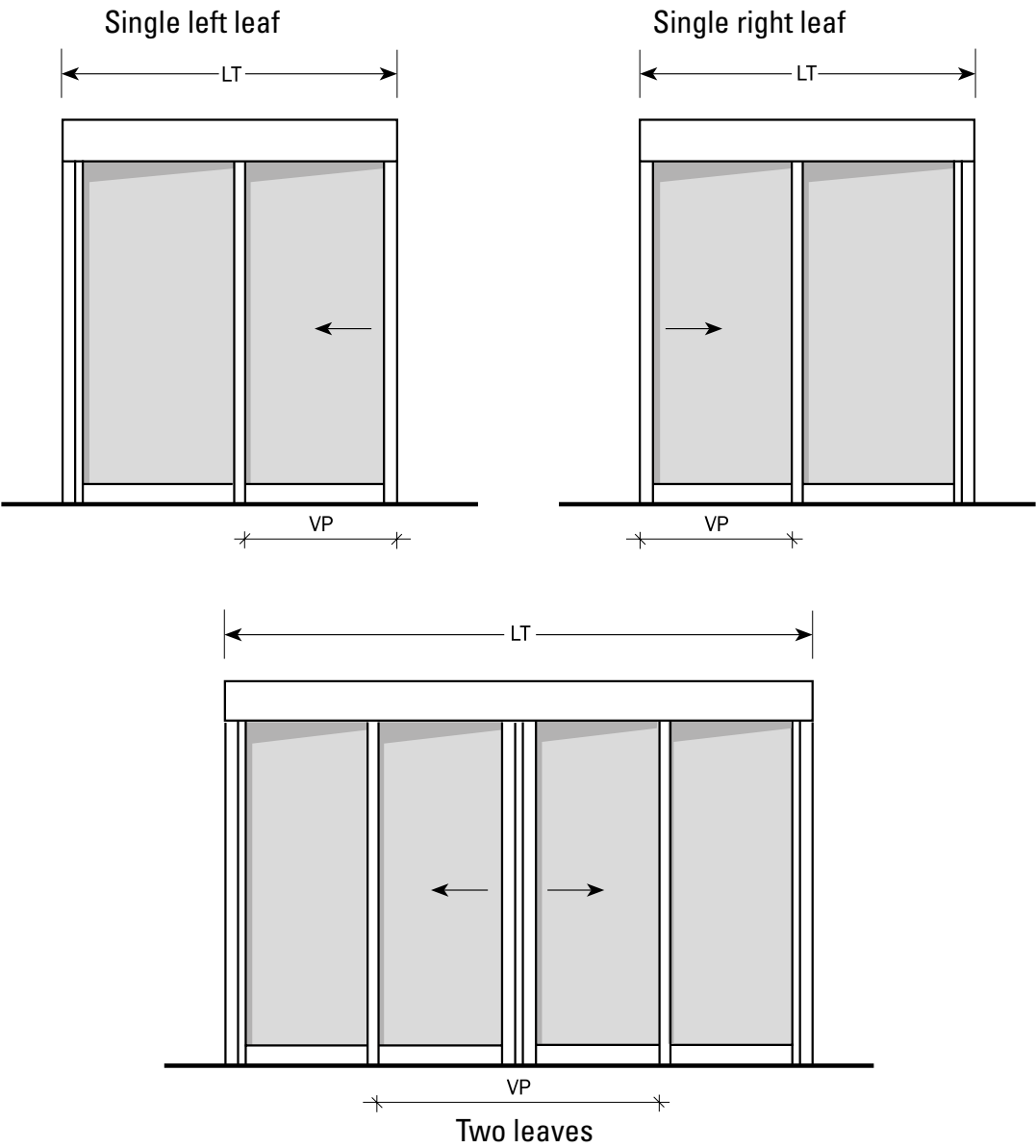
- Cover height
 - ☐ 100 mm
 - ☐ 140 mm (A1400 only, no telescopic)
- Leaf connection profile ☐
- Carriage spacer ☐
- Function keypad
 - ☐ LK EVO
 - ☐ SDK EVO
 - ☐ KS EVO

For other accessories please refer to the pricelist

Form A

Definition of opening direction and standard sizing

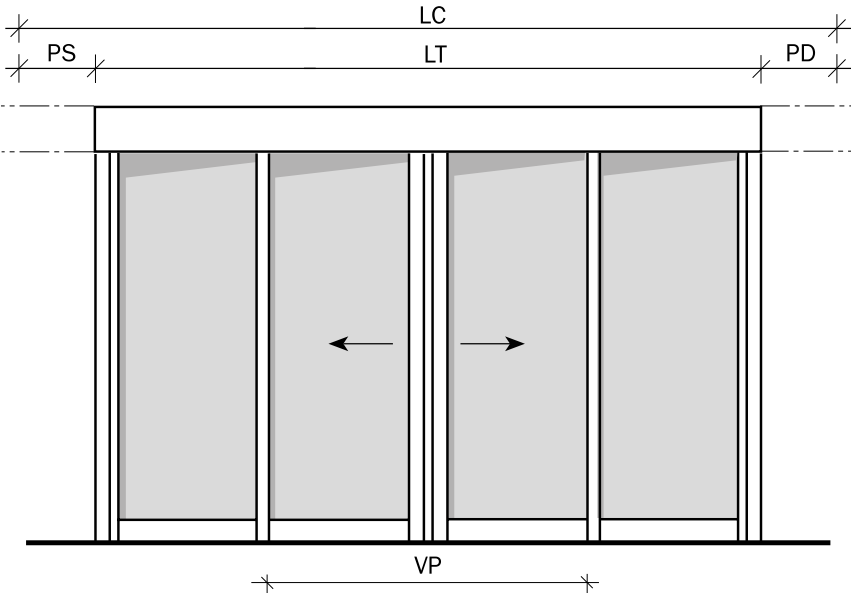
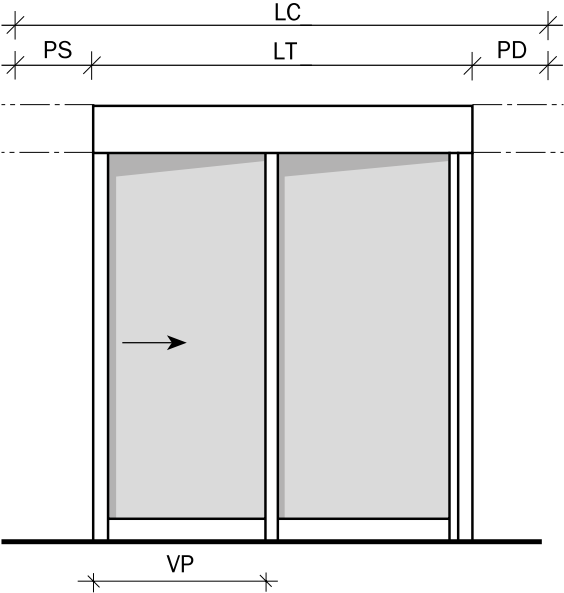
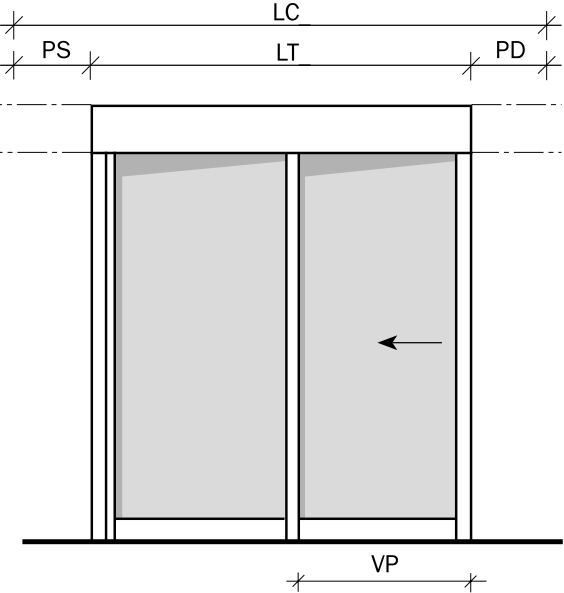
dimensions in mm



VP: passage opening
LT: head section length
Note: the opening direction is determined from the inspection side

Non-standard sizing

dimensions in mm



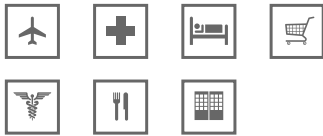
VP: passage opening
LT: head section length
PS: left head section extension
PD: right head section extension
LC: overall head section length
Note: the opening direction is determined from the inspection side

AUTOMATED SYSTEMS FOR SLIDING DOORS

A1000

A1000

Automated system for sliding doors



Passage opening

700 - 3.000 mm

Max. leaf weight

110 - 2x70 Kg



- FAAC A1000 SERIES automated systems are intended for the automation of exits in compliance with European Standard EN16005; in fact they are able to meet the most strict security standards according to EN 13489-1 PI "c".
- Thanks to its small dimensions the A1000 is suitable for every architectural environment also in case of small places
- Thanks to its multiple use, A1000 is suitable for single leaf sliding doors weighing 110 Kg or double leaves sliding doors weighing 70 + 70 Kg.



TECHNICAL SPECIFICATIONS

| Model | A1000 |
|--|---|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max. power | 140 W |
| standby power | 3 W |
| Use frequency | 100% |
| Max leaf width | 60 mm |
| Electric motor | Motor powered at 36V with encoder |
| Max. accessories load | 1A - 24V |
| Type of traction | By means of toothed belt |
| Opening leaf time | 10 ÷ 60 cm/s (1 leaf) - 10 ÷ 140 cm/s (2 leaves) |
| Closing leaf time | 10 ÷ 60 cm/s (1 leaf) - 10 ÷ 140 cm/s (2 leaves) |
| Partial opening adjustment | 5% ÷ 100% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 13489-1 PI "c"; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3 |

FAMILY MODELS

| Item code | Model | Leaf | Passage opening mm | Max. leaf weight kg | Self-supporting (head section length) mm |
|-----------|-------|--------|-----------------------|------------------------|---|
| 105057PA | A1000 | single | 700 ÷ 3.000 | 110 | no |
| | A1000 | double | 800 ÷ 3.000 | 70 + 70 | no |

THE COMPLETE SPECIAL ENTRANCE A1000 INCLUDES THE FOLLOWING COMPONENTS:

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
 - Definition of open and closed positions
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
 - number of leaves
 - pause time
 - energy saving
 - night pause
 - opening and closing speed
 - opening and closing thrust force
 - thrust force time
 - interior/exterior detector programming
 - emergency configuration
- 3 buttons for ADVANCED programming of:
 - monitored protection sensor management
 - input configuration
 - pharmacy function
 - motor block
 - motoring on motor lock
 - night function input delay
 - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

DRIVE UNIT

COMPLETE WITH:

- Gearmotor powered at 36 V with optical encoder
- E1SL Control Unit
- Return pulley with screw adjustment device for belt tensioning
- Electro-conductive transmission belt
- 2 carriages (A1000 1 leaf) or 4 carriages (A1000 2 leaves)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Die-cast aluminium structure
- Two bearing wheels manufactured in polyamide
- Nylon counterthrust roller on bearing
- Carriage height adjustment ± 7.5 mm
- Lateral adjustments +/- 10 mm
- Extruded aluminium leaf connection profile
- Brush for sliding track cleaning

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (HxD) 100 x 150 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm high with 'L' shape

Automated system
for 1 or 2 leaves

A1000

Item Code: 105057PA

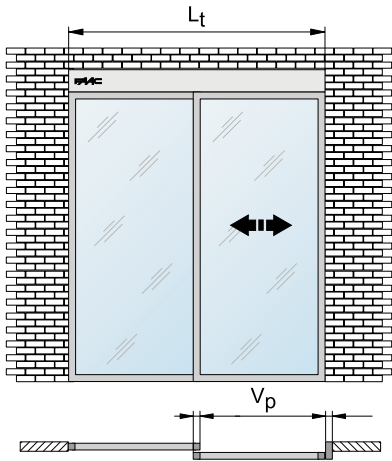
CONTINUOUS SERVICE

Function keypad not included. Leaf connection profiles included

Head section length $L_t = 2 V_p + 100 \text{ mm}$

A1000 - 1 LEAF, MAX. WEIGHT 110 KG

| Model | dimensions | |
|---------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1000 PA 1-07 | 700 | 1.500 |
| A1000 PA 1-08 | 800 | 1.700 |
| A1000 PA 1-09 | 900 | 1.900 |
| A1000 PA 1-10 | 1.000 | 2.100 |
| A1000 PA 1-11 | 1.100 | 2.300 |
| A1000 PA 1-12 | 1.200 | 2.500 |
| A1000 PA 1-13 | 1.300 | 2.700 |
| A1000 PA 1-14 | 1.400 | 2.900 |
| A1000 PA 1-15 | 1.500 | 3.100 |
| A1000 PA 1-16 | 1.600 | 3.300 |
| A1000 PA 1-17 | 1.700 | 3.500 |
| A1000 PA 1-18 | 1.800 | 3.700 |
| A1000 PA 1-19 | 1.900 | 3.900 |
| A1000 PA 1-20 | 2.000 | 4.100 |
| A1000 PA 1-22 | 2.200 | 4.500 |
| A1000 PA 1-24 | 2.400 | 4.900 |
| A1000 PA 1-25 | 2.500 | 5.100 |
| A1000 PA 1-27 | 2.700 | 5.500 |
| A1000 PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

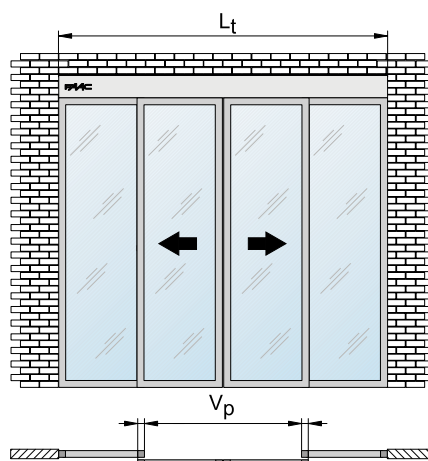
Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1000 - 2 LEAVES, MAX. WEIGHT 70 + 70 KG

| Model | dimensions | |
|---------------|-------------------------------|-----------------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1000 PA 2-08 | 800 | 1.700 |
| A1000 PA 2-09 | 900 | 1.900 |
| A1000 PA 2-10 | 1.000 | 2.100 |
| A1000 PA 2-11 | 1.100 | 2.300 |
| A1000 PA 2-12 | 1.200 | 2.500 |
| A1000 PA 2-13 | 1.300 | 2.700 |
| A1000 PA 2-14 | 1.400 | 2.900 |
| A1000 PA 2-15 | 1.500 | 3.100 |
| A1000 PA 2-16 | 1.600 | 3.300 |
| A1000 PA 2-17 | 1.700 | 3.500 |
| A1000 PA 2-18 | 1.800 | 3.700 |
| A1000 PA 2-19 | 1.900 | 3.900 |
| A1000 PA 2-20 | 2.000 | 4.100 |
| A1000 PA 2-22 | 2.200 | 4.500 |
| A1000 PA 2-24 | 2.400 | 4.900 |
| A1000 PA 2-25 | 2.500 | 5.100 |
| A1000 PA 2-27 | 2.700 | 5.500 |
| A1000 PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

ACCESSORIES



**XB LOCK Bi-stable motor lock
A1000 w/knob**

| | |
|--------|-----|
| 105124 | 1-3 |
| | pcs |
| 105124 | >4 |
| | pcs |

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in ONE-DIRECTIONAL, AUTOMATIC and PARTIAL mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



**Motor block and leaf position
supervision**

| | |
|--------|-----|
| 105125 | 1-3 |
| | pcs |
| 105125 | >4 |
| | pcs |

- Magnetic device for controlling that the lock operates correctly and for verifying leaf lock in closing position
- In the case of lock malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults



Emergency batteries for E1SL

| | |
|--------|-----|
| 105504 | 1-3 |
| | pcs |
| 105504 | >4 |
| | pcs |

- Without power supply, independent operation of the automated system is guaranteed for 30 minutes continuously
- Management of the recharge and control of the charge status of the batteries integrated into the unit
- Automatic battery status test and low battery warning with the possibility of being transmitted to a remote location.
- Set-up for operation:
 - opening only
 - closing only
 - continuous operation (with possibility to select the last operation before running down).

>>

ACCESSORIES FOR FRAMED LEAF



**Natural aluminium
closing profile
(3m bar)**

105272



**Anodised aluminium
closing profile
(3m bar)**

105273



**Lower guide profile
(3m bar)**

390707



**Swivel sliding block
(the lower guide profile
is necessary)**

390794



**Pair of lower sliding
blocks with bracket
(the lower guide profile
is necessary)**

390771



Lower guide profile brush H=25
(1,5 m bars)

709981



Lower guide profile brush H=19
(2 bars of 1,5m each)

709982

ACCESSORIES FOR SAFETY



Active threshold safety infrared, microwave,
double technology sensor XV1

| | |
|--------|----------|
| 105108 | 1-11 pcs |
| 105108 | >12 pcs |



Active threshold safety infrared, microwave,
double technology sensor XDT1

| | |
|--------|----------|
| 105114 | 1-11 pcs |
| 105114 | >12 pcs |

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

| | |
|--------|---------|
| 790019 | 1-3 pcs |
| 790019 | >4 pcs |



LK EVO Function Selector

| | |
|--------|---------|
| 790024 | 1-3 pcs |
| 790024 | >4 pcs |



Key function selector KS EVO

| |
|--------|
| 790942 |
|--------|

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf
connection



Crystal leaf lower
sliding block pair

| Description | Finish | Length | Code |
|---|----------|-------------|--------|
| Aluminium profile for glass leaf connection (thickness 10-11 mm) | Natural | 3 m | 390712 |
| | anodised | 3 m | 390715 |
| Pair of lower sliding blocks | - | 120 mm each | 722189 |

OTHER
ACCESSORIES

Function
keypad
page 62

Photocells
page 75

Radar and Sensors
page 71

Pulse generators
page 67

Profiles
page 89

Installation drawings
page 216

AUTOMATED SYSTEMS FOR SLIDING DOORS

AUTOMATED SYSTEMS FOR SLIDING DOORS

A1400 AIR

Here comes the future

The first automated system for sliding doors designed to meet the market requirements and conceived to protect our environment.

A1400 AIR is the first automated system that respects our planet.

Thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic. This device enables to save energy and optimizes the temperature sudden changes inside the room and close to the same doors.

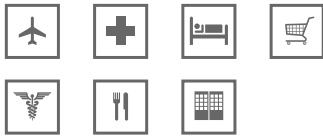
And all this in total safety.

A1400 AIR is the automated system that can be customised and composed according to the technical and architectural needs of the customer. The best technical and architectural solutions can be accomplished thanks to two different housing covers, to the exclusive leaf attachment systems and the different leaf profiles.



A1400 AIR

Automated system for sliding doors



Passage opening

700 - 3,000 mm
standard version
1100 - 4,000 mm
telescopic version
800 - 3,000 mm DM
version



Max. leaf weight

200-2x110 / 2x120-4x60
Kg (telescopic version)
250-2x180 Kg (DM
version)

- FAAC A1400 AIR SERIES automated systems are intended for the automation of exits in compliance with European Standard EN16005; in fact they are able to meet the most strict security standards according to EN 13489-1 PI "c".
- Thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic.



TECHNICAL SPECIFICATIONS

| Model | A1400 AIR |
|--|--|
| Power supply voltage | 220-240 V ~ - 50/60 Hz |
| Max. power | 140 W |
| standby power | 3 W |
| Use frequency | 100% |
| Max leaf width | 65 mm |
| Electric motor | Motor powered at 36V with encoder |
| Max. accessories load | 1A - 24V |
| Type of traction | By means of toothed belt |
| Opening leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Closing leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Partial opening adjustment | 5% - 95% of total opening |
| Pause time | 0 - 30 s or Energy Saving function |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 13489-1 PI "c" ; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3 |

FAMILY MODELS

| Item code | Model | Leaves | Passage opening (mm) | Max. leaf weight (kg) | Self-supporting |
|-----------|-----------------|-------------------|----------------------|-----------------------|-----------------|
| 105037PA | A1400 AIR 1 | single | 700 ÷ 3000 | 200 | no |
| | A1400 AIR 2 | double | 800 ÷ 3000 | 120+120 | no |
| | A1400 AIR A 1 | single | 700 ÷ 3000 | 200 | yes |
| | A1400 AIR A 2 | double | 800 ÷ 3000 | 120+120 | yes |
| | A1400 AIR DM 1 | single | 800 ÷ 3000 | 250 | no |
| | A1400 AIR DM 2 | double | 900 ÷ 3000 | 180+180 | no |
| 105039PA | A1400 AIR T 2 | single telescopic | 1100 ÷ 3000 | 110+110 | no |
| | A1400 AIR T 4 | double telescopic | 1400 ÷ 4000 | 60+60+60+60 | no |
| | A1400 AIR A T 2 | single telescopic | 1100 ÷ 3000 | 110+110 | yes |
| | A1400 AIR A T 4 | double telescopic | 1400 ÷ 4000 | 60+60+60+60 | yes |

THE COMPLETE SPECIAL ENTRANCE A1400 AIR INCLUDES THE FOLLOWING COMPONENTS:

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
 - Definition of open and closed positions
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC

programming of:

- number of leaves
- pause time
- energy saving
- night pause
- opening and closing speed
- opening and closing thrust force
- thrust force time
- interior/exterior detector programming
- emergency configuration
- 3 buttons for ADVANCED programming of:
 - monitored protection sensor management
 - input configuration
 - pharmacy function
 - motor block
 - motoring on motor lock
 - night function input delay
 - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x width) 100/140 x 166 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm or 140 mm high, with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting

profile isolated from the same by anti-vibration supports (open cover by rotating upwards)

- Designed for locking in open position for maintenance
- Gearmotor powered at 24 V with optical encoder
- E1400 microprocessor control unit
- Return pulley with screw adjustment device for belt tensioning
- Electro-conductive transmission belt
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR DRIVE UNIT

COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- 36V secondary gearmotor with adjustment device for belt tensioning in the double motor version
- Return pulley with screw adjustment device for belt tensioning
- E1400 microprocessor control unit
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR T DRIVE UNIT

COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Return pulley with screw adjustment device for belt tensioning
- E1400 microprocessor control unit
- Electro-conductive transmission belt 12 mm
- N. 4 carriages (version AIR T2) or n. 8 carriages (version AIR T4)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- N. 2 synthetic sliding wheels on bearing and reinforced for DM version
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf connection profile or spacers
- Brush for sliding track cleaning

A1400 AIR

Automated system
for 1 or 2 leaves

Item Code: 105037PA

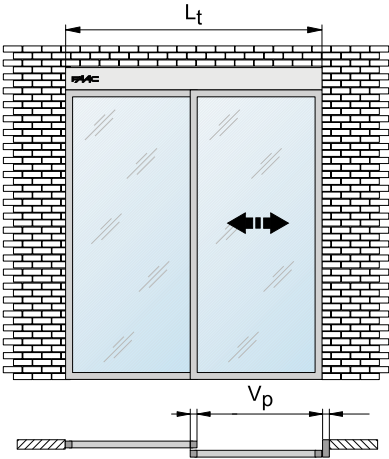
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR 1 LEAF MAX. WEIGHT 200 KG

| Model | dimensions | |
|---------------------|------------------------------|--------------------------------------|
| | Recess passage mm (Vp) | Length head section mm (Lt) |
| A1400 AIR A PA 1-07 | 700 | 1.500 |
| A1400 AIR A PA 1-08 | 800 | 1.700 |
| A1400 AIR A PA 1-09 | 900 | 1.900 |
| A1400 AIR A PA 1-10 | 1.000 | 2.100 |
| A1400 AIR A PA 1-11 | 1.100 | 2.300 |
| A1400 AIR A PA 1-12 | 1.200 | 2.500 |
| A1400 AIR A PA 1-13 | 1.300 | 2.700 |
| A1400 AIR A PA 1-14 | 1.400 | 2.900 |
| A1400 AIR A PA 1-15 | 1.500 | 3.100 |
| A1400 AIR A PA 1-16 | 1.600 | 3.300 |
| A1400 AIR A PA 1-17 | 1.700 | 3.500 |
| A1400 AIR A PA 1-18 | 1.800 | 3.700 |
| A1400 AIR A PA 1-19 | 1.900 | 3.900 |
| A1400 AIR A PA 1-20 | 2.000 | 4.100 |
| A1400 AIR A PA 1-22 | 2.200 | 4.500 |
| A1400 AIR A PA 1-24 | 2.400 | 4.900 |
| A1400 AIR A PA 1-25 | 2.500 | 5.100 |
| A1400 AIR A PA 1-27 | 2.700 | 5.500 |
| A1400 AIR A PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR

Item Code: 105037PA

CONTINUOUS SERVICE

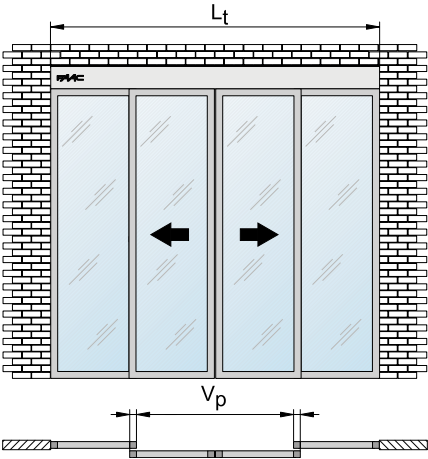
SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

Automated system
for 1 or 2 leaves

A1400 AIR 2 LEAVES MAX. WEIGHT 120 + 120 KG

| Model | dimensions | |
|-------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR PA 2-08 | 800 | 1.700 |
| A1400 AIR PA 2-09 | 900 | 1.900 |
| A1400 AIR PA 2-10 | 1.000 | 2.100 |
| A1400 AIR PA 2-11 | 1.100 | 2.300 |
| A1400 AIR PA 2-12 | 1.200 | 2.500 |
| A1400 AIR PA 2-13 | 1.300 | 2.700 |
| A1400 AIR PA 2-14 | 1.400 | 2.900 |
| A1400 AIR PA 2-15 | 1.500 | 3.100 |
| A1400 AIR PA 2-16 | 1.600 | 3.300 |
| A1400 AIR PA 2-17 | 1.700 | 3.500 |
| A1400 AIR PA 2-18 | 1.800 | 3.700 |
| A1400 AIR PA 2-19 | 1.900 | 3.900 |
| A1400 AIR PA 2-20 | 2.000 | 4.100 |
| A1400 AIR PA 2-22 | 2.200 | 4.500 |
| A1400 AIR PA 2-24 | 2.400 | 4.900 |
| A1400 AIR PA 2-25 | 2.500 | 5.100 |
| A1400 AIR PA 2-27 | 2.700 | 5.500 |
| A1400 AIR PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

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Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Self-supporting
automated system
for 1 or 2 leaves

A1400 AIR A

Item Code: 105037PA

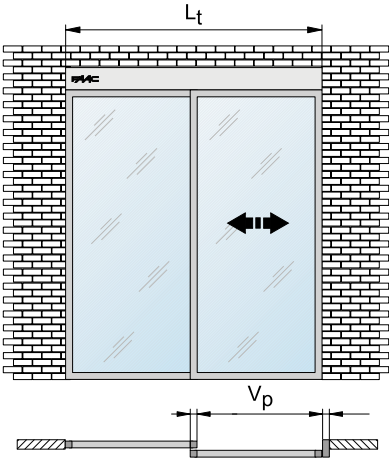
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR SELF-SUPPORTING 1 LEAF MAX. WEIGHT 200 KG

| Model | dimensions | |
|---------------------|------------------------------|--------------------------------------|
| | Recess passage mm (Vp) | Length head section mm (Lt) |
| A1400 AIR A PA 1-07 | 700 | 1.500 |
| A1400 AIR A PA 1-08 | 800 | 1.700 |
| A1400 AIR A PA 1-09 | 900 | 1.900 |
| A1400 AIR A PA 1-10 | 1.000 | 2.100 |
| A1400 AIR A PA 1-11 | 1.100 | 2.300 |
| A1400 AIR A PA 1-12 | 1.200 | 2.500 |
| A1400 AIR A PA 1-13 | 1.300 | 2.700 |
| A1400 AIR A PA 1-14 | 1.400 | 2.900 |
| A1400 AIR A PA 1-15 | 1.500 | 3.100 |
| A1400 AIR A PA 1-16 | 1.600 | 3.300 |
| A1400 AIR A PA 1-17 | 1.700 | 3.500 |
| A1400 AIR A PA 1-18 | 1.800 | 3.700 |
| A1400 AIR A PA 1-19 | 1.900 | 3.900 |
| A1400 AIR A PA 1-20 | 2.000 | 4.100 |
| A1400 AIR A PA 1-22 | 2.200 | 4.500 |
| A1400 AIR A PA 1-24 | 2.400 | 4.900 |
| A1400 AIR A PA 1-25 | 2.500 | 5.100 |
| A1400 AIR A PA 1-27 | 2.700 | 5.500 |
| A1400 AIR A PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
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Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Self-supporting
automated system
for 1 or 2 leaves

A1400 AIR A

Item Code: 105037PA

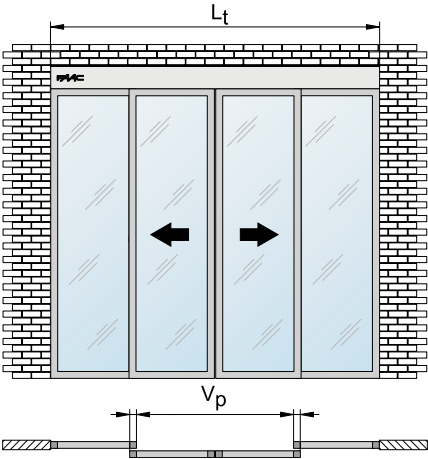
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR SELF-SUPPORTING 2 LEAVES MAX. WEIGHT 120 + 120 KG

| Model | dimensions | |
|---------------------|------------------------------|--------------------------------------|
| | Recess passage mm (Vp) | Length head section mm (Lt) |
| A1400 AIR A PA 2-08 | 800 | 1.700 |
| A1400 AIR A PA 2-09 | 900 | 1.900 |
| A1400 AIR A PA 2-10 | 1.000 | 2.100 |
| A1400 AIR A PA 2-11 | 1.100 | 2.300 |
| A1400 AIR A PA 2-12 | 1.200 | 2.500 |
| A1400 AIR A PA 2-13 | 1.300 | 2.700 |
| A1400 AIR A PA 2-14 | 1.400 | 2.900 |
| A1400 AIR A PA 2-15 | 1.500 | 3.100 |
| A1400 AIR A PA 2-16 | 1.600 | 3.300 |
| A1400 AIR A PA 2-17 | 1.700 | 3.500 |
| A1400 AIR A PA 2-18 | 1.800 | 3.700 |
| A1400 AIR A PA 2-19 | 1.900 | 3.900 |
| A1400 AIR A PA 2-20 | 2.000 | 4.100 |
| A1400 AIR A PA 2-22 | 2.200 | 4.500 |
| A1400 AIR A PA 2-24 | 2.400 | 4.900 |
| A1400 AIR A PA 2-25 | 2.500 | 5.100 |
| A1400 AIR A PA 2-27 | 2.700 | 5.500 |
| A1400 AIR A PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated system
for 1 or 2 leaves

A1400 AIR DM

Item Code: 105037PA

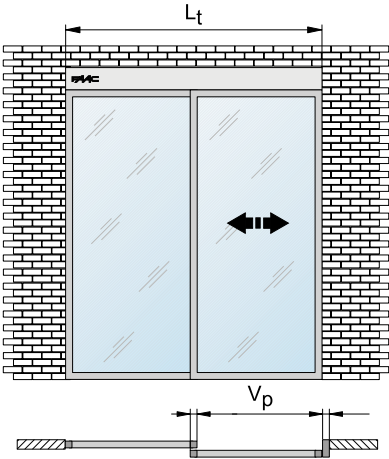
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR DM 1 LEAF MAX. WEIGHT 250 KG

| Model | dimensions | |
|----------------------|------------------------------|--------------------------------------|
| | Recess passage mm (Vp) | Length head section mm (Lt) |
| A1400 AIR DM PA 1-08 | 800 | 1.700 |
| A1400 AIR DM PA 1-09 | 900 | 1.900 |
| A1400 AIR DM PA 1-10 | 1.000 | 2.100 |
| A1400 AIR DM PA 1-11 | 1.100 | 2.300 |
| A1400 AIR DM PA 1-12 | 1.200 | 2.500 |
| A1400 AIR DM PA 1-13 | 1.300 | 2.700 |
| A1400 AIR DM PA 1-14 | 1.400 | 2.900 |
| A1400 AIR DM PA 1-15 | 1.500 | 3.100 |
| A1400 AIR DM PA 1-16 | 1.600 | 3.300 |
| A1400 AIR DM PA 1-17 | 1.700 | 3.500 |
| A1400 AIR DM PA 1-18 | 1.800 | 3.700 |
| A1400 AIR DM PA 1-19 | 1.900 | 3.900 |
| A1400 AIR DM PA 1-20 | 2.000 | 4.100 |
| A1400 AIR DM PA 1-22 | 2.200 | 4.500 |
| A1400 AIR DM PA 1-24 | 2.400 | 4.900 |
| A1400 AIR DM PA 1-25 | 2.500 | 5.100 |
| A1400 AIR DM PA 1-27 | 2.700 | 5.500 |
| A1400 AIR DM PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR DM

Item Code: 105037PA

CONTINUOUS SERVICE

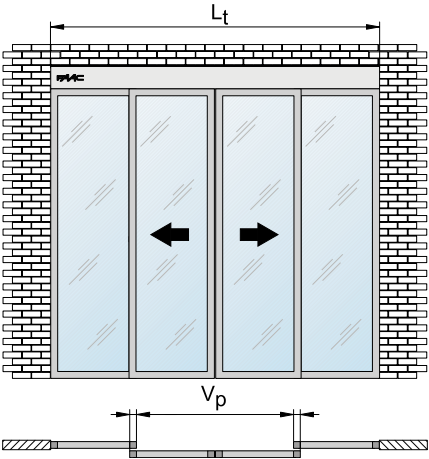
SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

Automated system
for 1 or 2 leaves

A1400 AIR DM 2 LEAVES MAX. WEIGHT 180 + 180 KG

| Model | dimensions | |
|----------------------|------------------------------|--------------------------------------|
| | Recess passage mm (Vp) | Length head section mm (Lt) |
| A1400 AIR DM PA 2-09 | 900 | 1.900 |
| A1400 AIR DM PA 2-10 | 1.000 | 2.100 |
| A1400 AIR DM PA 2-11 | 1.100 | 2.300 |
| A1400 AIR DM PA 2-12 | 1.200 | 2.500 |
| A1400 AIR DM PA 2-13 | 1.300 | 2.700 |
| A1400 AIR DM PA 2-14 | 1.400 | 2.900 |
| A1400 AIR DM PA 2-15 | 1.500 | 3.100 |
| A1400 AIR DM PA 2-16 | 1.600 | 3.300 |
| A1400 AIR DM PA 2-17 | 1.700 | 3.500 |
| A1400 AIR DM PA 2-18 | 1.800 | 3.700 |
| A1400 AIR DM PA 2-19 | 1.900 | 3.900 |
| A1400 AIR DM PA 2-20 | 2.000 | 4.100 |
| A1400 AIR DM PA 2-22 | 2.200 | 4.500 |
| A1400 AIR DM PA 2-24 | 2.400 | 4.900 |
| A1400 AIR DM PA 2-25 | 2.500 | 5.100 |
| A1400 AIR DM PA 2-27 | 2.700 | 5.500 |
| A1400 AIR DM PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

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Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

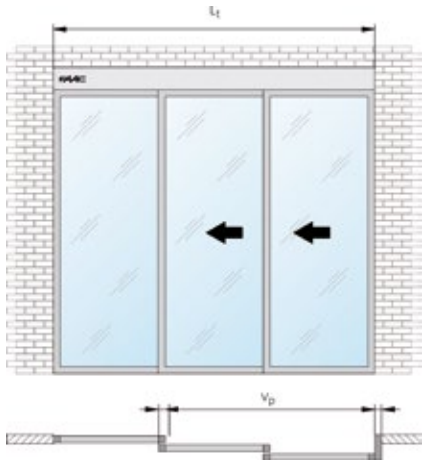
A1400 AIR T

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR TELESCOPIC 2 LEAVES MAX. WEIGHT 110 + 110 KG

| Model | dimensions | |
|---------------------|-----------------------------------|--|
| | Recess passage mm (V_p) | Length head section mm (L_t) |
| A1400 AIR T PA 2-11 | 1.100 | 1.750 |
| A1400 AIR T PA 2-12 | 1.200 | 1.900 |
| A1400 AIR T PA 2-13 | 1.300 | 2.050 |
| A1400 AIR T PA 2-14 | 1.400 | 2.200 |
| A1400 AIR T PA 2-15 | 1.500 | 2.350 |
| A1400 AIR T PA 2-16 | 1.600 | 2.500 |
| A1400 AIR T PA 2-17 | 1.700 | 2.650 |
| A1400 AIR T PA 2-18 | 1.800 | 2.800 |
| A1400 AIR T PA 2-19 | 1.900 | 2.950 |
| A1400 AIR T PA 2-20 | 2.000 | 3.100 |
| A1400 AIR T PA 2-22 | 2.200 | 3.400 |
| A1400 AIR T PA 2-24 | 2.400 | 3.700 |
| A1400 AIR T PA 2-26 | 2.600 | 4.000 |
| A1400 AIR T PA 2-28 | 2.800 | 4.300 |
| A1400 AIR T PA 2-30 | 3.000 | 4.600 |



HOW TO ORDER AUTOMATED SYSTEMS

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Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR T

Item Code: 105039PA

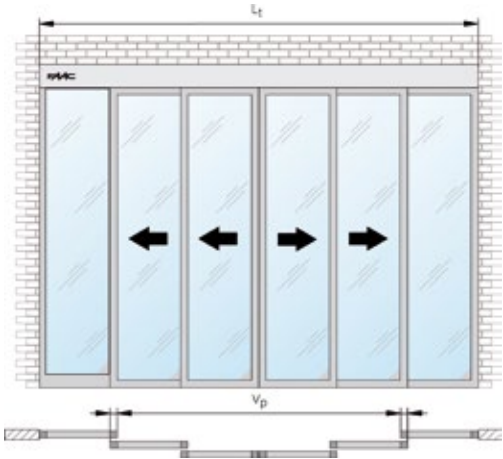
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR TELESCOPIC 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

| Model | dimensions | |
|---------------------|-----------------------------------|--|
| | Recess passage mm (V_p) | Length head section mm (L_t) |
| A1400 AIR T PA 4-14 | 1.400 | 2.200 |
| A1400 AIR T PA 4-15 | 1.500 | 2.350 |
| A1400 AIR T PA 4-16 | 1.600 | 2.500 |
| A1400 AIR T PA 4-17 | 1.700 | 2.650 |
| A1400 AIR T PA 4-18 | 1.800 | 2.800 |
| A1400 AIR T PA 4-19 | 1.900 | 2.950 |
| A1400 AIR T PA 4-20 | 2.000 | 3.100 |
| A1400 AIR T PA 4-22 | 2.200 | 3.400 |
| A1400 AIR T PA 4-24 | 2.400 | 3.700 |
| A1400 AIR T PA 4-26 | 2.600 | 4.000 |
| A1400 AIR T PA 4-28 | 2.800 | 4.300 |
| A1400 AIR T PA 4-30 | 3.000 | 4.600 |
| A1400 AIR T PA 4-32 | 3.200 | 4.900 |
| A1400 AIR T PA 4-34 | 3.400 | 5.200 |
| A1400 AIR T PA 4-36 | 3.600 | 5.500 |
| A1400 AIR T PA 4-38 | 3.800 | 5.800 |
| A1400 AIR T PA 4-40 | 4.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

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Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

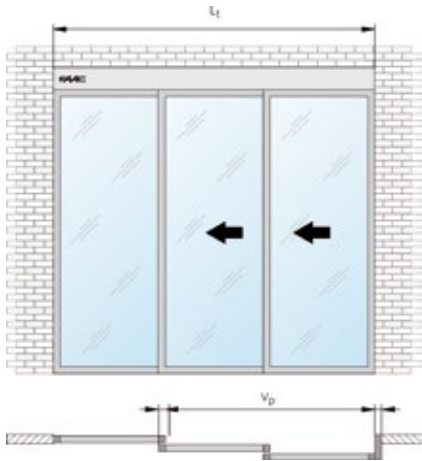
A1400 AIR A T

Item Code: 105039PA

CONTINUOUS SERVICE
SDK EVO function keyboard and leaf connection profile not included
Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR TELESCOPIC 2 LEAVES MAX. WEIGHT 110 + 110 KG

| Model | dimensions | |
|-----------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR A T PA 2-11 | 1.100 | 1.750 |
| A1400 AIR A T PA 2-12 | 1.200 | 1.900 |
| A1400 AIR A T PA 2-13 | 1.300 | 2.050 |
| A1400 AIR A T PA 2-14 | 1.400 | 2.200 |
| A1400 AIR A T PA 2-15 | 1.500 | 2.350 |
| A1400 AIR A T PA 2-16 | 1.600 | 2.500 |
| A1400 AIR A T PA 2-17 | 1.700 | 2.650 |
| A1400 AIR A T PA 2-18 | 1.800 | 2.800 |
| A1400 AIR A T PA 2-19 | 1.900 | 2.950 |
| A1400 AIR A T PA 2-20 | 2.000 | 3.100 |
| A1400 AIR A T PA 2-22 | 2.200 | 3.400 |
| A1400 AIR A T PA 2-24 | 2.400 | 3.700 |
| A1400 AIR A T PA 2-26 | 2.600 | 4.000 |
| A1400 AIR A T PA 2-28 | 2.800 | 4.300 |
| A1400 AIR A T PA 2-30 | 3.000 | 4.600 |



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sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR A T

Item Code: 105039PA

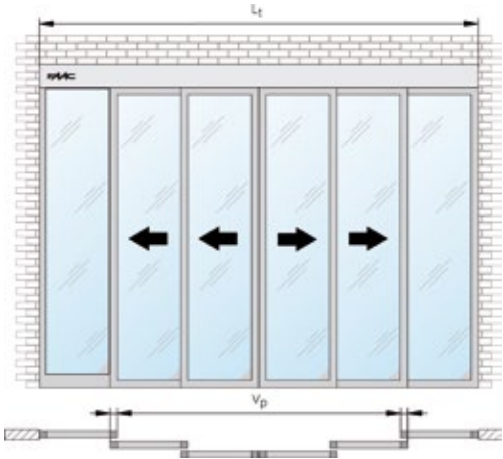
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR TELESCOPIC 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

| Model | dimensions | |
|-----------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR A T PA 4-14 | 1.400 | 2.200 |
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| A1400 AIR A T PA 4-30 | 3.000 | 4.600 |
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| A1400 AIR A T PA 4-34 | 3.400 | 5.200 |
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ACCESSORIES



XB LOCK Bi-stable motor lock A1400 w/knob

| | |
|--------|------------|
| 105502 | 1-3 pcs |
| 105502 | >4 pcs |

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



XM LOCK Monostable motor lock A1400

| | |
|--------|------------|
| 105056 | 1-3 pcs |
| 105056 | >4 pcs |

- The block operates directly on the motor and guarantees mechanical locking of the door in any position. You can use the same lock both for single and double leaves applications.
- When voltage is missing and battery is not present the lock will open automatically and allow people to move the door manually
- Management of the motor block integrated into the CONTROL UNIT
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)



- Microswitch for controlling that the motor block operates correctly and magnetic device for verifying leaf lock in closing position
- In the case of motor block malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults

Motor block and leaf position supervision

| | |
|--------|------------|
| 105125 | 1-3 pcs |
| 105125 | >4 pcs |



Emergency batteries for E1SL

| | |
|--------|------------|
| 105504 | 1-3 pcs |
| 105504 | >4 pcs |

- Without power supply, independent operation of the automated system is guaranteed for 30 minutes continuously
- Management of the recharge and control of the charge status of the batteries integrated into the unit
- Automatic battery status test and low battery warning with the possibility of being transmitted to a remote location.
- Set-up for operation:
 - opening only
 - closing only
 - continuous operation (with possibility to select the last operation before running down).

ACCESSORIES FOR FRAMED LEAF



Leaf connection profile (3m bar)

390991



Carriage spacer A1400 AIR (4 pcs pack for two mobile leaves)

390990



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Pair of lower sliding blocks with bracket for self-supporting (the lower guide profile is necessary)

390772

>>



Lower guide profile brush H=25
(1,5 m bars)

709981



Lower guide profile brush H=19
(2 bars of 1,5m each)

709982

ACCESSORIES FOR OPENING/SAFETY



Active threshold safety infrared, microwave,
double technology sensor XV1

| | |
|--------|----------|
| 105108 | 1-11 pcs |
| 105108 | >12 pcs |



Active threshold safety infrared, microwave,
double technology sensor XDT1

| | |
|--------|----------|
| 105114 | 1-11 pcs |
| 105114 | >12 pcs |

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

| | |
|--------|---------|
| 790019 | 1-3 pcs |
| 790019 | >4 pcs |



LK EVO Function Selector

| | |
|--------|---------|
| 790024 | 1-3 pcs |
| 790024 | >4 pcs |



Key function selector KS EVO

790942

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf
connection



Crystal leaf lower
sliding block pair

| Description | Finish | Length | Code |
|--|----------|-------------|--------|
| Aluminium profile for glass leaf connection (thickness 10-11 mm) | Natural | 3 m | 390712 |
| | anodised | 3 m | 390715 |
| Pair of lower sliding blocks | - | 120 mm each | 722189 |

OTHER
ACCESSORIES

Function
keypad
page 62

Photocells
page 75

Radar and Sensors
page 71

Pulse generators
page 67

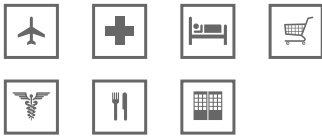
Profiles
page 89

Installation drawings
page 216

REDUNDANT AUTOMATED SYSTEMS FOR SLIDING DOORS ON ESCAPE ROUTES

A1400 AIR RD/RDF

Redundant automated systems for sliding doors on escape routes



A1400 AIR RD/RDF

Automated systems for sliding doors on escape route

Passage opening

800 - 3.000 mm (1100 - 4.000 mm with telescopic version)



Max. leaf weight

150 - 2x120 / 2x110 - 4x60 Kg (telescopic version)

- The A1400 AIR RD/RDF automations for escape routes are compliant with EN 16005 and satisfy all the safety requirements of EN13489-1 PI.D.
- The FAAC A1400 AIR RDF automation is ideal for all entrances where manual opening from the outside has to be prevented, while maintaining the functionality of a redundant escape route.
- Thanks to the Energy Saving system it detects the direction of the passage, also lateral, and optimises the opening times avoiding air dispersions.



TECHNICAL SPECIFICATIONS

| Model | A1400 AIR RD/RDF |
|--|--|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max. power | 140 W |
| standby power | 3 W |
| Use frequency | 100% |
| Max leaf width | 65 mm |
| Electric motor | Motor powered at 36V with encoder |
| Auxiliary motor | Motor powered at 36V |
| Max. accessories load | 1A - 24V |
| Type of traction | By means of an electro-conductive toothed belt |
| Opening leaf time | 10 - 75 cm/s (1 leaf) - 20 - 150 cm/s (2 leaves) |
| Closing leaf time | 10 - 75 cm/s (1 leaf) - 20 - 150 cm/s (2 leaves) |
| Partial opening adjustment | 5% - 95% of total opening |
| Pause time | 0 - 30 s or Energy Saving function |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 13489-1 PI "d" CAT3; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3; DIN 18650-1: 2010; DIN 18650-2: 2010; AutSchR: 12/1997 |

FAMILY MODELS

| Item code | Model | Leaves | Passage opening (mm) | Max leaf weight* (Kg) | Self-supporting |
|-----------|-------------------|-------------------|----------------------|-----------------------|-----------------|
| 105140PA | A1400 AIR RD 1 | single | 800 ÷ 3000 | 150 | no |
| | A1400 AIR RD 2 | double | 900 ÷ 3000 | 120+120 | no |
| | A1400 AIR RDA 1 | single | 800 ÷ 3000 | 150 | yes |
| | A1400 AIR RDA 2 | double | 900 ÷ 3000 | 120+120 | yes |
| 105038PA | A1400 AIR RD T 2 | single telescopic | 1100 ÷ 3000 | 110+110 | no |
| | A1400 AIR RD T 4 | double telescopic | 1400 ÷ 4000 | 60+60+60+60 | no |
| | A1400 AIR RDA T 2 | single telescopic | 1100 ÷ 3000 | 110+110 | yes |
| | A1400 AIR RDA T 4 | double telescopic | 1400 ÷ 4000 | 60+60+60+60 | yes |
| 105059PA | A1400 AIR RDF 1 | single | 800 ÷ 3000 | 150 | no |
| | A1400 AIR RDF 2 | double | 900 ÷ 3000 | 120+120 | no |
| 105060PA | A1400 AIR RDF T 2 | single telescopic | 1100 ÷ 3000 | 110+110 | no |
| | A1400 AIR RDF T 4 | double telescopic | 1400 ÷ 4000 | 60+60+60+60 | no |

(*) The maximum weight of the leaf varies according to the passage opening.

THE COMPLETE A1400 AIR RD/RDF SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

E1RD CONTROL UNIT

- E1RD microprocessor control unit with redundant safety control with battery block boards (for A1400 AIR RD), motor brake (for A1400 AIR RDF) and integrated button photocells
- 230 V~ switching power supply unit
- Self-controlled emergency batteries that activate only when voltage is missing, by opening the door, according to EN16005
- Specific, coloured and removable terminal boards
- Programming via SDK EVO function keypad
- Automatic adjustments
 - Definition of open and closed positions
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- 4 programmable inputs for monitored safety sensors EN 16005
- 2 current or frequency programmable inputs for monitored movement sensors EN 16005

- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
 - number of leaves
 - pause time
 - energy saving
 - night pause
 - opening and closing speed
 - opening and closing thrust force
 - thrust force time
 - interior/exterior detector programming
 - emergency configuration
- 3 buttons for ADVANCED programming of:
 - monitored protection sensor management
 - input configuration
 - pharmacy function
 - motor block (for A1400 AIR RD)
- XF LOCK motor brake, not compatible with XM LOCK and XB LOCK (for A1400 AIR RDF)
 - motor block monitoring (for A1400 AIR RD)
 - night function input delay
 - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x depth) 70 x 166 mm
- Sliding track integrated in profile

FRONT COVER

- Available in natural and anodised aluminium, 100 mm or 140 mm high, with 'L' shape
- Safety parachute, easy to assemble with head section to prevent cover fall
- Knockouts to adapt leaves of different thickness (max. 60 mm)
- Hinge seat on the supporting profile isolated from the same by anti-vibration supports (open cover by rotating upwards)
- Designed for locking in open position for maintenance

DRIVE UNIT

COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with belt tensioning adjustment
- E1RD microprocessor control unit with redundant safety control
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

A1400 AIR RD T DRIVE UNIT

COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with adjustment
- E1RD microprocessor control unit with redundant safety control
- Electro-conductive transmission belt 12 mm
- Return pulley with steel screw for AIR RD T
- N. 4 carriages (AIR RD T2 version) or n. 8 carriages (AIR

RD T4 version)

- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- 2 sliding wheels in synthetic material on bearing
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf connection profile or spacers
- Brush for sliding track cleaning

Declaration of Compliance



TUVIT20MAC722211303_00

Name and address of the manufacturer

Nome e indirizzo del costruttore:

FAAC S.p.A.

Via Calari, 10 – 40069 Zola Predosa (BO) - Italy

Product designation

Genere prodotto:

Porta automatica

Series/Type

Serie/Tipo:

A 1400 AIR RD, A 1400 AIR RDT

Legislative Reference Compliance

Riferimento legislativo soddisfatto:

2006/42/CE – ALL.I

Reference harmonized standard

Norme armonizzate di riferimento:

- EN ISO 12100:2010;
- EN ISO 13849-1:2015 PL:"d" Cat:3 (Escape Route Functionality);
- EN ISO 13849-2:2012
- EN ISO 60335-2-103:2015;
- EN 16005:2012

Reference technical standard and specifications

Norme e specifiche tecniche di riferimento:;

- DIN 18650-1:2010;
- DIN 18650-2:2010
- AutSchR:12/1997

Reference Technical Report of Compliance (TRoC)

Technical Report of Compliance di riferimento:

TRoC_722211303_FAAC_A1400AIRRD_00

The product is not referred to Annex IV of the Directive 2006/42/EC.

Il prodotto non è contemplato dall'Allegato IV della Direttiva 2006/42/CE

Place: Sesto San Giovanni

Luogo

Data 1°emissione / Issue date: 03/04/2020

Data emissione / First issue date: 03/04/2020

Data scadenza / Expiry date: 02/04/2023



Ispettore verificatore / Tested by

Firma / Signature

1 di 4

MAC_M02_rev. 02 del 16/3/2017

TÜV Italia S.r.l. - TÜV SÜD Group
via G. Carducci, 125 pal 23
20099 Sesto S. Giovanni (MI)- Italy
T. +39 02 24130 1 F. +39 02 24130 0399
Web: www.tuv.it – @-mail: tuv.is@tuv.it

TÜV®

A1400 AIR RD

Automated system
for 1 or 2 leaves

Item Code : 105140PA

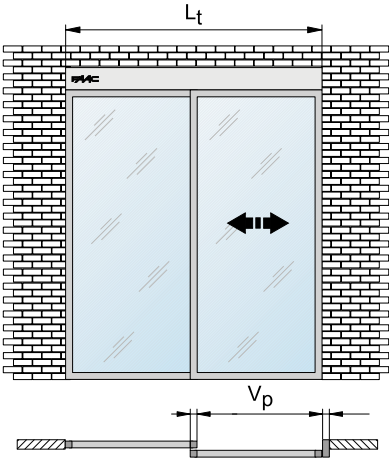
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR RD 1 LEAF, MAX. WEIGHT 200 KG

| Model | dimensions | |
|----------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR RD PA 1-08 | 800 | 1.700 |
| A1400 AIR RD PA 1-09 | 900 | 1.900 |
| A1400 AIR RD PA 1-10 | 1.000 | 2.100 |
| A1400 AIR RD PA 1-11 | 1.100 | 2.300 |
| A1400 AIR RD PA 1-12 | 1.200 | 2.500 |
| A1400 AIR RD PA 1-13 | 1.300 | 2.700 |
| A1400 AIR RD PA 1-14 | 1.400 | 2.900 |
| A1400 AIR RD PA 1-15 | 1.500 | 3.100 |
| A1400 AIR RD PA 1-16 | 1.600 | 3.300 |
| A1400 AIR RD PA 1-17 | 1.700 | 3.500 |
| A1400 AIR RD PA 1-18 | 1.800 | 3.700 |
| A1400 AIR RD PA 1-19 | 1.900 | 3.900 |
| A1400 AIR RD PA 1-20 | 2.000 | 4.100 |
| A1400 AIR RD PA 1-22 | 2.200 | 4.500 |
| A1400 AIR RD PA 1-24 | 2.400 | 4.900 |
| A1400 AIR RD PA 1-25 | 2.500 | 5.100 |
| A1400 AIR RD PA 1-27 | 2.700 | 5.500 |
| A1400 AIR RD PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD

Automated system
for 1 or 2 leaves

Item Code : 105140PA

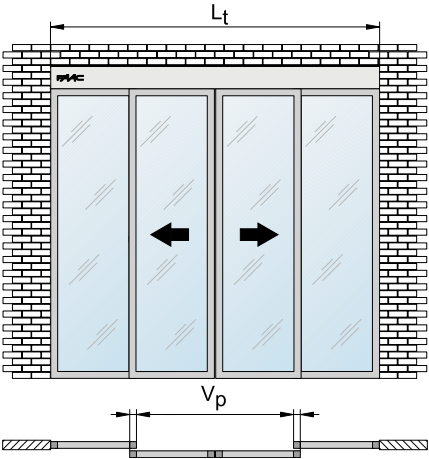
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR RD 2 LEAVES MAX. WEIGHT 120 + 120 KG

| Model | dimensions | |
|----------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR RD PA 2-09 | 900 | 1.900 |
| A1400 AIR RD PA 2-10 | 1.000 | 2.100 |
| A1400 AIR RD PA 2-11 | 1.100 | 2.300 |
| A1400 AIR RD PA 2-12 | 1.200 | 2.500 |
| A1400 AIR RD PA 2-13 | 1.300 | 2.700 |
| A1400 AIR RD PA 2-14 | 1.400 | 2.900 |
| A1400 AIR RD PA 2-15 | 1.500 | 3.100 |
| A1400 AIR RD PA 2-16 | 1.600 | 3.300 |
| A1400 AIR RD PA 2-17 | 1.700 | 3.500 |
| A1400 AIR RD PA 2-18 | 1.800 | 3.700 |
| A1400 AIR RD PA 2-19 | 1.900 | 3.900 |
| A1400 AIR RD PA 2-20 | 2.000 | 4.100 |
| A1400 AIR RD PA 2-22 | 2.200 | 4.500 |
| A1400 AIR RD PA 2-24 | 2.400 | 4.900 |
| A1400 AIR RD PA 2-25 | 2.500 | 5.100 |
| A1400 AIR RD PA 2-27 | 2.700 | 5.500 |
| A1400 AIR RD PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Self-supporting
automated system
for 1 or 2 leaves

A1400 AIR RD A

Item Code : 105140PA

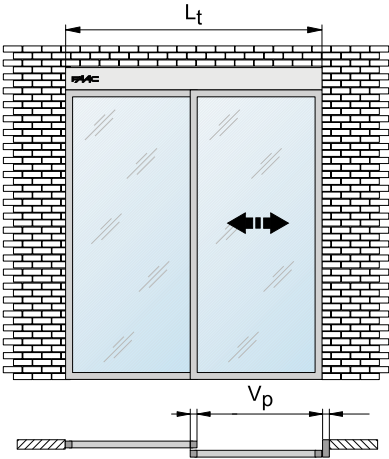
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR RD, SELF-SUPPORTING WITH 1 LEAF, MAX. WEIGHT 200 KG

| Model | dimensions | |
|-----------------------|------------------------------|----------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDA PA 1-08 | 800 | 1.700 |
| A1400 AIR RDA PA 1-09 | 900 | 1.900 |
| A1400 AIR RDA PA 1-10 | 1.000 | 2.100 |
| A1400 AIR RDA PA 1-11 | 1.100 | 2.300 |
| A1400 AIR RDA PA 1-12 | 1.200 | 2.500 |
| A1400 AIR RDA PA 1-13 | 1.300 | 2.700 |
| A1400 AIR RDA PA 1-14 | 1.400 | 2.900 |
| A1400 AIR RDA PA 1-15 | 1.500 | 3.100 |
| A1400 AIR RDA PA 1-16 | 1.600 | 3.300 |
| A1400 AIR RDA PA 1-17 | 1.700 | 3.500 |
| A1400 AIR RDA PA 1-18 | 1.800 | 3.700 |
| A1400 AIR RDA PA 1-19 | 1.900 | 3.900 |
| A1400 AIR RDA PA 1-20 | 2.000 | 4.100 |
| A1400 AIR RDA PA 1-22 | 2.200 | 4.500 |
| A1400 AIR RDA PA 1-24 | 2.400 | 4.900 |
| A1400 AIR RDA PA 1-25 | 2.500 | 5.100 |
| A1400 AIR RDA PA 1-27 | 2.700 | 5.500 |
| A1400 AIR RDA PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Self-supporting
automated system
for 1 or 2 leaves

A1400 AIR RD A

Item Code : 105140PA

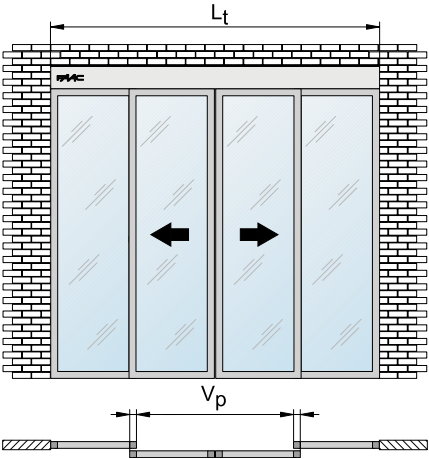
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR RD, SELF-SUPPORTING WITH 2 LEAVES MAX. WEIGHT 120 + 120 KG

| Model | dimensions | |
|-----------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR RDA PA 2-09 | 900 | 1.900 |
| A1400 AIR RDA PA 2-10 | 1.000 | 2.100 |
| A1400 AIR RDA PA 2-11 | 1.100 | 2.300 |
| A1400 AIR RDA PA 2-12 | 1.200 | 2.500 |
| A1400 AIR RDA PA 2-13 | 1.300 | 2.700 |
| A1400 AIR RDA PA 2-14 | 1.400 | 2.900 |
| A1400 AIR RDA PA 2-15 | 1.500 | 3.100 |
| A1400 AIR RDA PA 2-16 | 1.600 | 3.300 |
| A1400 AIR RDA PA 2-17 | 1.700 | 3.500 |
| A1400 AIR RDA PA 2-18 | 1.800 | 3.700 |
| A1400 AIR RDA PA 2-19 | 1.900 | 3.900 |
| A1400 AIR RDA PA 2-20 | 2.000 | 4.100 |
| A1400 AIR RDA PA 2-22 | 2.200 | 4.500 |
| A1400 AIR RDA PA 2-24 | 2.400 | 4.900 |
| A1400 AIR RDA PA 2-25 | 2.500 | 5.100 |
| A1400 AIR RDA PA 2-27 | 2.700 | 5.500 |
| A1400 AIR RDA PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RD T

Item code: 105038PA

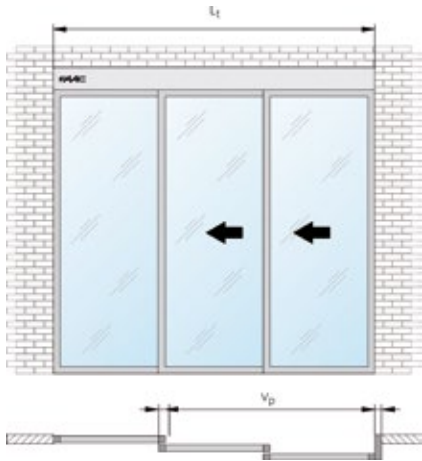
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RD T 2 LEAVES MAX. WEIGHT 110 + 110 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDF T2-11 | 1.100 | 1.750 |
| A1400 AIR RDF T2-12 | 1.200 | 1.900 |
| A1400 AIR RDF T2-13 | 1.300 | 2.050 |
| A1400 AIR RDF T2-14 | 1.400 | 2.200 |
| A1400 AIR RDF T2-15 | 1.500 | 2.350 |
| A1400 AIR RDF T2-16 | 1.600 | 2.500 |
| A1400 AIR RDF T2-17 | 1.700 | 2.650 |
| A1400 AIR RDF T2-18 | 1.800 | 2.800 |
| A1400 AIR RDF T2-19 | 1.900 | 2.950 |
| A1400 AIR RDF T2-20 | 2.000 | 3.100 |
| A1400 AIR RDF T2-22 | 2.200 | 3.400 |
| A1400 AIR RDF T2-24 | 2.400 | 3.700 |
| A1400 AIR RDF T2-26 | 2.600 | 4.000 |
| A1400 AIR RDF T2-28 | 2.800 | 4.300 |
| A1400 AIR RDF T2-30 | 3.000 | 4.600 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RD T

Item code: 105038PA

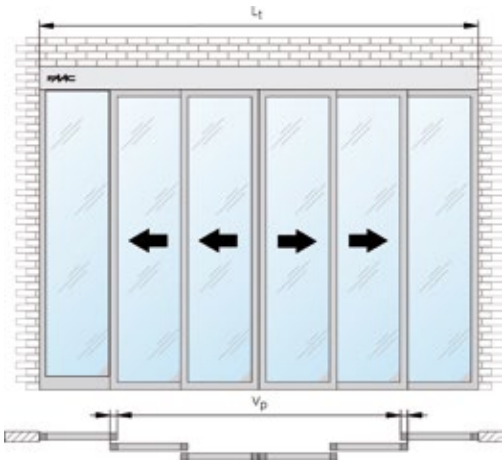
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RD T 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDF T4-14 | 1.400 | 2.200 |
| A1400 AIR RDF T4-15 | 1.500 | 2.350 |
| A1400 AIR RDF T4-16 | 1.600 | 2.500 |
| A1400 AIR RDF T4-17 | 1.700 | 2.650 |
| A1400 AIR RDF T4-18 | 1.800 | 2.800 |
| A1400 AIR RDF T4-19 | 1.900 | 2.950 |
| A1400 AIR RDF T4-20 | 2.000 | 3.100 |
| A1400 AIR RDF T4-22 | 2.200 | 3.400 |
| A1400 AIR RDF T4-24 | 2.400 | 3.700 |
| A1400 AIR RDF T4-26 | 2.600 | 4.000 |
| A1400 AIR RDF T4-28 | 2.800 | 4.300 |
| A1400 AIR RDF T4-30 | 3.000 | 4.600 |
| A1400 AIR RDF T4-32 | 3.200 | 4.900 |
| A1400 AIR RDF T4-34 | 3.400 | 5.200 |
| A1400 AIR RDF T4-36 | 3.600 | 5.500 |
| A1400 AIR RDF T4-38 | 3.800 | 5.800 |
| A1400 AIR RDF T4-40 | 4.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RD A T

Item code: 105038PA

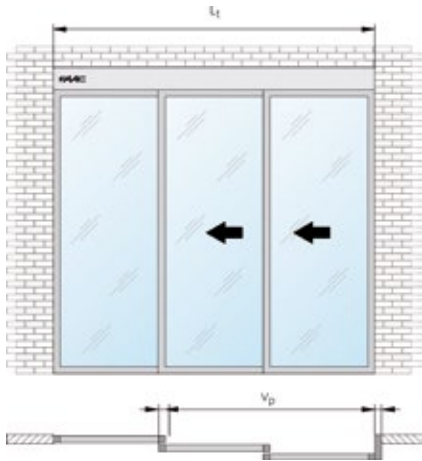
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RD A T 2 LEAVES MAX. WEIGHT 110 + 110 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDA T2-11 | 1.100 | 1.750 |
| A1400 AIR RDA T2-12 | 1.200 | 1.900 |
| A1400 AIR RDA T2-13 | 1.300 | 2.050 |
| A1400 AIR RDA T2-14 | 1.400 | 2.200 |
| A1400 AIR RDA T2-15 | 1.500 | 2.350 |
| A1400 AIR RDA T2-16 | 1.600 | 2.500 |
| A1400 AIR RDA T2-17 | 1.700 | 2.650 |
| A1400 AIR RDA T2-18 | 1.800 | 2.800 |
| A1400 AIR RDA T2-19 | 1.900 | 2.950 |
| A1400 AIR RDA T2-20 | 2.000 | 3.100 |
| A1400 AIR RDA T2-22 | 2.200 | 3.400 |
| A1400 AIR RDA T2-24 | 2.400 | 3.700 |
| A1400 AIR RDA T2-26 | 2.600 | 4.000 |
| A1400 AIR RDA T2-28 | 2.800 | 4.300 |
| A1400 AIR RDA T2-30 | 3.000 | 4.600 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RD A T

Item code: 105038PA

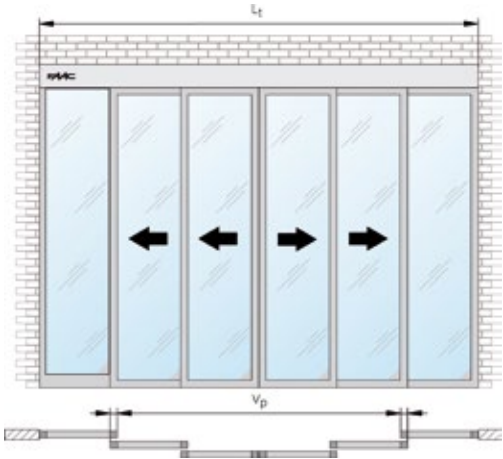
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RD A T 4 LEAVES MAX. WEIGHT 60 + 60 + 60 + 60 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDA T4-14 | 1.400 | 2.200 |
| A1400 AIR RDA T4-15 | 1.500 | 2.350 |
| A1400 AIR RDA T4-16 | 1.600 | 2.500 |
| A1400 AIR RDA T4-17 | 1.700 | 2.650 |
| A1400 AIR RDA T4-18 | 1.800 | 2.800 |
| A1400 AIR RDA T4-19 | 1.900 | 2.950 |
| A1400 AIR RDA T4-20 | 2.000 | 3.100 |
| A1400 AIR RDA T4-22 | 2.200 | 3.400 |
| A1400 AIR RDA T4-24 | 2.400 | 3.700 |
| A1400 AIR RDA T4-26 | 2.600 | 4.000 |
| A1400 AIR RDA T4-28 | 2.800 | 4.300 |
| A1400 AIR RDA T4-30 | 3.000 | 4.600 |
| A1400 AIR RDA T4-32 | 3.200 | 4.900 |
| A1400 AIR RDA T4-34 | 3.400 | 5.200 |
| A1400 AIR RDA T4-36 | 3.600 | 5.500 |
| A1400 AIR RDA T4-38 | 3.800 | 5.800 |
| A1400 AIR RDA T4-40 | 4.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

* Standard RAL painting (operator cover excluded): RAL 1007 - 1013 - 1018 - 1021 - 2008 - 2002 - 3000 - 3002 - 3003 - 5005 - 5010 - 5015 - 6011 - 6005 - 6009 - 7001 - 7005 - 7016 - 7035 - 8003 - 8011 - 8017 - 8019 - 9002 - 9005 - 9007 - 9010.

Extra charge for non-standard RAL: consider € 340.00 in addition to the price list to be added to the prices indicated in the table.

** Standard color anodizing in addition to silver: SILVER anodized 1, BRONZE anodized 4, BRONZE anodized 5, BRONZE anodized 6, ELOX2500 anodized, ELOX2600 anodized, ELOX2700 anodized, ELOX2900 anodized.

Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RDF

Code No.: 105059PA

CONTINUOUS SERVICE

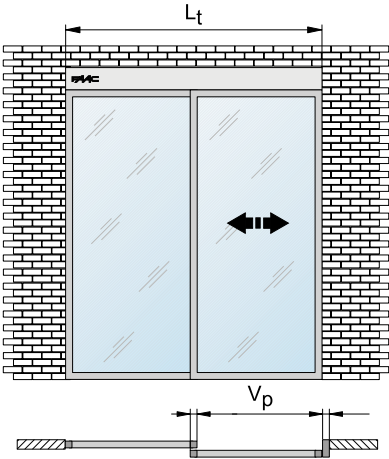
SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

Automated system
for 1 or 2 leaves

A1400 AIR RDF 1 LEAF MAX. WEIGHT 200 KG

| Model | dimensions | |
|-----------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR RDF PA 1-08 | 800 | 1.700 |
| A1400 AIR RDF PA 1-09 | 900 | 1.900 |
| A1400 AIR RDF PA 1-10 | 1.000 | 2.100 |
| A1400 AIR RDF PA 1-11 | 1.100 | 2.300 |
| A1400 AIR RDF PA 1-12 | 1.200 | 2.500 |
| A1400 AIR RDF PA 1-13 | 1.300 | 2.700 |
| A1400 AIR RDF PA 1-14 | 1.400 | 2.900 |
| A1400 AIR RDF PA 1-15 | 1.500 | 3.100 |
| A1400 AIR RDF PA 1-16 | 1.600 | 3.300 |
| A1400 AIR RDF PA 1-17 | 1.700 | 3.500 |
| A1400 AIR RDF PA 1-18 | 1.800 | 3.700 |
| A1400 AIR RDF PA 1-19 | 1.900 | 3.900 |
| A1400 AIR RDF PA 1-20 | 2.000 | 4.100 |
| A1400 AIR RDF PA 1-22 | 2.200 | 4.500 |
| A1400 AIR RDF PA 1-24 | 2.400 | 4.900 |
| A1400 AIR RDF PA 1-25 | 2.500 | 5.100 |
| A1400 AIR RDF PA 1-27 | 2.700 | 5.500 |
| A1400 AIR RDF PA 1-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

1. For filling up the order correctly, use the specific ORDER FORM.
2. For defining the OPENING DIRECTION and STANDARD SIZING, please refer to FORM A.
3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated system
for 1 or 2 leaves

A1400 AIR RDF

Code No.: 105059PA

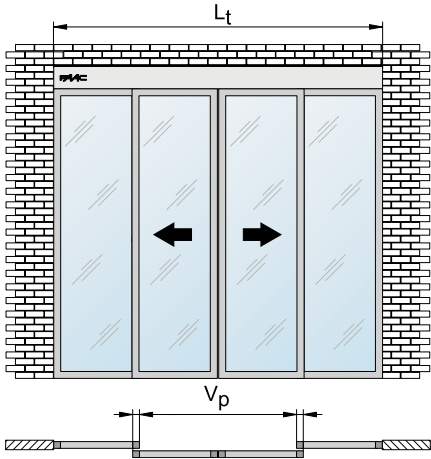
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 2 V_p + 100$ mm

A1400 AIR RDF 2 LEAVES MAX WEIGHT 120 + 120 KG

| Model | dimensions | |
|-----------------------|-------------------------|-----------------------------|
| | Passage opening mm (Vp) | Head section length mm (Lt) |
| A1400 AIR RDF PA 2-09 | 900 | 1.900 |
| A1400 AIR RDF PA 2-10 | 1.000 | 2.100 |
| A1400 AIR RDF PA 2-11 | 1.100 | 2.300 |
| A1400 AIR RDF PA 2-12 | 1.200 | 2.500 |
| A1400 AIR RDF PA 2-13 | 1.300 | 2.700 |
| A1400 AIR RDF PA 2-14 | 1.400 | 2.900 |
| A1400 AIR RDF PA 2-15 | 1.500 | 3.100 |
| A1400 AIR RDF PA 2-16 | 1.600 | 3.300 |
| A1400 AIR RDF PA 2-17 | 1.700 | 3.500 |
| A1400 AIR RDF PA 2-18 | 1.800 | 3.700 |
| A1400 AIR RDF PA 2-19 | 1.900 | 3.900 |
| A1400 AIR RDF PA 2-20 | 2.000 | 4.100 |
| A1400 AIR RDF PA 2-22 | 2.200 | 4.500 |
| A1400 AIR RDF PA 2-24 | 2.400 | 4.900 |
| A1400 AIR RDF PA 2-25 | 2.500 | 5.100 |
| A1400 AIR RDF PA 2-27 | 2.700 | 5.500 |
| A1400 AIR RDF PA 2-30 | 3.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
4. For intermediate head section length values, the price of the next higher length shall be applied.

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RDF T

Item Code: 105060PA

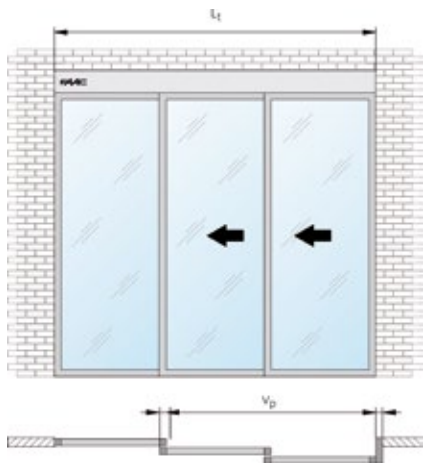
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RDF T 2 LEAVES MAX WEIGHT 110 + 110 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDF T2-11 | 1.100 | 1.750 |
| A1400 AIR RDF T2-12 | 1.200 | 1.900 |
| A1400 AIR RDF T2-13 | 1.300 | 2.050 |
| A1400 AIR RDF T2-14 | 1.400 | 2.200 |
| A1400 AIR RDF T2-15 | 1.500 | 2.350 |
| A1400 AIR RDF T2-16 | 1.600 | 2.500 |
| A1400 AIR RDF T2-17 | 1.700 | 2.650 |
| A1400 AIR RDF T2-18 | 1.800 | 2.800 |
| A1400 AIR RDF T2-19 | 1.900 | 2.950 |
| A1400 AIR RDF T2-20 | 2.000 | 3.100 |
| A1400 AIR RDF T2-22 | 2.200 | 3.400 |
| A1400 AIR RDF T2-24 | 2.400 | 3.700 |
| A1400 AIR RDF T2-26 | 2.600 | 4.000 |
| A1400 AIR RDF T2-28 | 2.800 | 4.300 |
| A1400 AIR RDF T2-30 | 3.000 | 4.600 |



HOW TO ORDER AUTOMATED SYSTEMS

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3. For NON-STANDARD sizing, fill in FORM B. The price applied will refer to the overall head section length (MAX. LC 6100 mm).
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Automated systems for
sliding doors

2 or 4 telescopic
leaves automation

A1400 AIR RDF T

Item Code: 105060PA

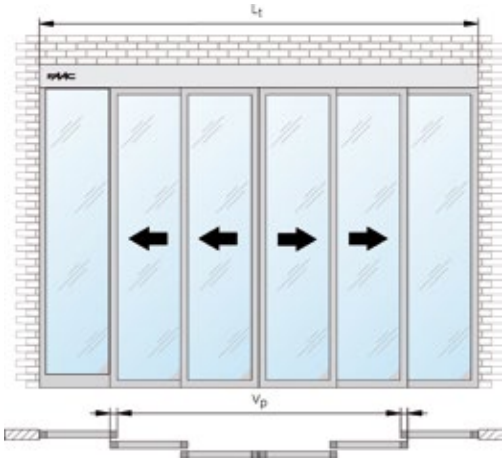
CONTINUOUS SERVICE

SDK EVO function keyboard and leaf connection profile not included

Head section length $L_t = 1.5 V_p + 100$ mm

A1400 AIR RDF T 4 LEAVES MAX WEIGHT 60 + 60 + 60 + 60 KG

| Model | dimensions | |
|---------------------|---------------------------------|-------------------------------------|
| | Passage opening mm (V_p) | Head section length mm (L_t) |
| A1400 AIR RDF T4-14 | 1.400 | 2.200 |
| A1400 AIR RDF T4-15 | 1.500 | 2.350 |
| A1400 AIR RDF T4-16 | 1.600 | 2.500 |
| A1400 AIR RDF T4-17 | 1.700 | 2.650 |
| A1400 AIR RDF T4-18 | 1.800 | 2.800 |
| A1400 AIR RDF T4-19 | 1.900 | 2.950 |
| A1400 AIR RDF T4-20 | 2.000 | 3.100 |
| A1400 AIR RDF T4-22 | 2.200 | 3.400 |
| A1400 AIR RDF T4-24 | 2.400 | 3.700 |
| A1400 AIR RDF T4-26 | 2.600 | 4.000 |
| A1400 AIR RDF T4-28 | 2.800 | 4.300 |
| A1400 AIR RDF T4-30 | 3.000 | 4.600 |
| A1400 AIR RDF T4-32 | 3.200 | 4.900 |
| A1400 AIR RDF T4-34 | 3.400 | 5.200 |
| A1400 AIR RDF T4-36 | 3.600 | 5.500 |
| A1400 AIR RDF T4-38 | 3.800 | 5.800 |
| A1400 AIR RDF T4-40 | 4.000 | 6.100 |



HOW TO ORDER AUTOMATED SYSTEMS

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Delivery times for colored anodized and RAL covers are different from the standard. Contact your local FAAC sales representative for further details.

A1400 AIR RD/RDF

COMMON ACCESSORIES



- Microswitch for controlling that the motor block operates correctly and magnetic device for verifying leaf lock in closing position
- In the case of motor block malfunction, an error condition is indicated on the function keypad and the control board
- Set-up for remote switching-on of a warning light or an acoustic signal in the event that the leaves are not in the closing position or in case of motor block faults

Motor block and leaf position supervision

| | |
|--------|-------------------|
| 105125 | 1-3 <i>pcs</i> |
| 105125 | >4 <i>pcs</i> |

SPECIFIC ACCESSORIES FOR A1400 AIR RD



XB LOCK Bi-stable motor lock A1400 w/knob

| | |
|--------|-------------------|
| 105502 | 1-3 <i>pcs</i> |
| 105502 | >4 <i>pcs</i> |

- The block operates directly on the motor and guarantees mechanical locking of the door in any position.
- Operated by internal release knob and set-up for external release installation
- Unlocking allows the door to be opened in the case of emergency
- Management of the motor block integrated into the CONTROL UNIT
- The system operates mechanically on the motor block and sends an opening command to the CONTROL UNIT
- If emergency batteries are installed, the release system controls the motorised door opening even in the event of power failure
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)
- There is only one motor block both for single leaf or double leaf applications



XM LOCK Monostable motor lock A1400

| | |
|--------|-------------------|
| 105056 | 1-3 <i>pcs</i> |
| 105056 | >4 <i>pcs</i> |

- The block operates directly on the motor and guarantees mechanical locking of the door in any position. You can use the same lock both for single and double leaves applications.
- When voltage is missing and battery is not present the lock will open automatically and allow people to move the door manually
- Management of the motor block integrated into the CONTROL UNIT
- During standard operation, the motor block is only active in NIGHT function.
- For specific requirements, the motor block can also operate in NIGHT AND OPEN, NIGHT, OPEN and DISABLED mode. Moreover, with the PARTIAL OPENING operating function, the motor block is active both with closed leaves and with open leaves (pharmacy opening)

ACCESSORIES FOR FRAMED LEAF



Leaf connection profile (3m bar)

390991



Carriage spacer A1400 AIR (4 pcs pack for two mobile leaves)

390990



Lower guide profile (3m bar)

390707



Swivel sliding block (the lower guide profile is necessary)

390794



Pair of lower sliding blocks with bracket (the lower guide profile is necessary)

390771



Pair of lower sliding blocks with bracket for self-supporting (the lower guide profile is necessary)

390772

>>



Lower guide profile brush H=25
(1,5 m bars)

709981



Lower guide profile brush H=19
(2 bars of 1,5m each)

709982

ACCESSORIES FOR OPENING/SAFETY



XDT3 one-directional radar + escape route
infrared safety

| | |
|--------|----------|
| 105104 | 1-11 pcs |
| 105104 | >12 pcs |



Active threshold safety infrared, microwave,
double technology sensor XV1

| | |
|--------|----------|
| 105108 | 1-11 pcs |
| 105108 | >12 pcs |



Active threshold safety infrared, microwave,
double technology sensor XDT1

| | |
|--------|----------|
| 105114 | 1-11 pcs |
| 105114 | >12 pcs |

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

| | |
|--------|---------|
| 790019 | 1-3 pcs |
| 790019 | >4 pcs |



LK EVO Function Selector

| | |
|--------|---------|
| 790024 | 1-3 pcs |
| 790024 | >4 pcs |



Key function selector KS EVO

| |
|--------|
| 790942 |
|--------|

ACCESSORIES FOR GLASS LEAVES (NOT TELESCOPIC)



Profile for crystal leaf
connection



Crystal leaf lower
sliding block pair

| Description | Finish | Length | Code |
|--|----------|-------------|--------|
| Aluminium profile for glass leaf connection (thickness 10-11 mm) | Natural | 3 m | 390712 |
| | anodised | 3 m | 390715 |
| Pair of lower sliding blocks | - | 120 mm each | 722189 |

COMMON ACCESSORIES FOR SLIDING DOORS

Index

Simply Connect devices

SDK EVO (Function Keypad)

LK EVO (Function Selector)

KS EVO (Key function selector)

XMS CH (touchless sensor)

XMS CHA (touchless sensor)

ELECTRONIC PULSE GENERATORS

ACCESSORIES

PHOTOCELLS

XBFRM1 (One-directional microwave radar)

XM100 ONE ("Compact" one-directional microwave radar)

XBFA ON (Active "movement or presence" infrared sensor)

XBFA ST (Active "movement or presence" infrared sensor)

XV1 (Mono directional "movement and presence")

XDT1 (Mono directional "movement and presence")

XDT3 (Mono directional "movement and presence" for escape routes)

X1S (Active "movement or presence" infrared sensor)

Simply Connect devices

The Simply Connect devices are available with a WiFi - LAN connection (XWBL) to home/company network or LTE (XMB) on cellular data network.

The XMB device has an LTE connection and is provided with an integrated eSIM (SIM-ON-CHIP): there is no need to purchase any data SIM. Both devices are also equipped with BLE connectivity for management of the automations in proximity to them (e.g. in case there is no main WIFI-LAN-LTE connectivity).

XMB



| Model | Description | Item code |
|-------|---------------------------|-----------|
| XMB | Simply Connect XMB device | 787348 |

TECHNICAL SPECIFICATIONS

| Model | XMB |
|-----------------------|---|
| Power supply voltage | 5VDC |
| Absorbed current | 100mA a 24V (500mA a 5V) |
| Connections | LTE CAT M1 – CAT NB1 - EGPRS BLE (Bluetooth Low Energy 4.2) – 2.4Ghz |
| Installation type | with coupling to compatible board |
| Operating temperature | -20°C ÷ +55°C |

XWBL



| Model | Description | Item code |
|-------|----------------------------|-----------|
| XWBL | Simply Connect XWBL device | 787347 |

TECHNICAL SPECIFICATIONS

| Model | XWBL |
|-----------------------|--|
| Power supply voltage | 5VDC |
| Absorbed current | 100mA a 24V (500mA a 5V) |
| Connections | WIFI 802.11 b/g/n – 2.4GHz BLE (Bluetooth Low Energy 4.2) – 2.4Ghz LAN RJ45 connector - IEEE 802.3 |
| Installation type | with coupling to compatible board |
| Operating temperature | -20°C ÷ +55°C |

Simply Connect devices

XMULTICOM is a management board to which it is possible to couple an XWBL or an XMB device, to obtain Simply Connect connectivity, even on incompatible automations.

XRS485 is an interface board that can be used in combination with an XMULTICOM, to create automation networks compatible with Simply Connect.



XMULTICOM



| Model | Description | Item code |
|-----------|----------------|-----------|
| XMULTICOM | XMULTICOM unit | 790418 |

TECHNICAL SPECIFICATIONS

| Model | XMULTICOM |
|------------------------|---|
| Power supply voltage | 24VAC - 24VDC |
| Absorbed current | 150 mA |
| Connections | NONE - XWBL or XMB device needed |
| Removable connector | Power supply - RS485 - Inputs / Outputs |
| Terminal board inputs | 2 |
| Terminal board outputs | 2 |
| Rapid connector | Quick-release coupling for XWBL or XMB |
| Radio signal decoding | SLH |
| Installation type | on DIN bar |
| Protection class | IP20 |
| Operating temperature | -20°C ÷ +55°C |



XRS485



| Model | Description | Item code |
|--------|------------------------|-----------|
| XRS485 | XRS485 interface board | 787349 |

TECHNICAL SPECIFICATIONS

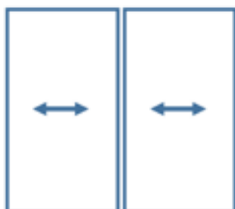
| Model | XRS485 |
|-----------------------|-----------------------------------|
| Power supply voltage | 5VDC |
| Absorbed current | 50 mA |
| Connections | RS485 |
| Installation type | with coupling to compatible board |
| Operating temperature | -20°C ÷ +55°C |

ELECTRONIC CONTROL UNITS COMPATIBLE WITH SIMPLY CONNECT

E1SL, E1RD, E952, E145, E145S, E124 (direct compatibility only with XWBL), E680 (compatible version to be communicated).

Simply Connect

Single user



+ XWBL
XMB



All Simply Connect functions are available

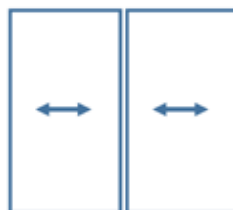
Multi-user

FAAC Automations not compatible with Simply connect or other types

XMULTICOM



**XWBL
XMB**



XRS485



XRS485



XRS485

XMULTICOM, equipped with an XWBL or XMB device, allows wired networks to be created with up to a maximum of 4 compatible automations, each of which is equipped with XRS485, in which all Simply Connect functions are available

The advantages of

**for
the professional**

Programming and remote management via the web and/or app of all automations connected to the Simply Connect cloud platform: troubleshooting, fault investigation, remote maintenance and work scheduling.

Single or multi-user

FAAC automations not compatible with Simply Connect or other types

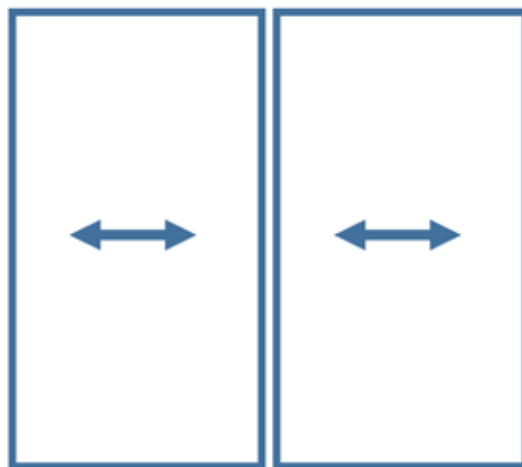
XMULTICOM



XWBL
XMB



XMULTICOM, equipped with an XWBL or XMB device, allows the wired connection of up to 2 non-compatible automations, allowing activation commands (e.g. open-close) to be sent and status information (e.g. open-closed) to be received.



Simply Connect

Remote interaction via the web and/or app with automations connected to the Simply Connect cloud platform: send commands, even with voice commands and control your automation remotely and grant or revoke access rights for other users.

**for
the user**

SDK EVO

Function Keypad



- Supplied as an accessory, it always comes equipped with a large graphic display that allows full access to all the door parameters through the four keys that the user uses to move around in the menu

| Model | Description | Item code |
|---------|-----------------|-----------|
| SDK EVO | Function keypad | 790019 |



TECHNICAL SPECIFICATIONS

| Model | SDK EVO |
|------------------------------|--|
| | Manual (with key or security code EN16005 only for A1400 RD) Night (with key or security code EN16005 only for A1400 RD) Automatic |
| Operative functions | Monodirectional or Bidirectional Partial opening Open Reset and setup |
| Operating function selection | Through buttons with indication on the display of the selected function Possibility to inhibit keypad operation via a jumper or key combination Entry of access password for user and installer Opening and closing speed adjustment Anti-crushing adjustment Pause time adjustment Energy saving enabling |
| Main programming functions | Management of diagnosis display Weekly calendar management Management of battery kit and motor block I/O programming Maintenance cycle warning Performed cycle number displaying |
| Programming | Complete with access with PROGRAMMER code and basic with USER code |

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

| Model | Description | Item code |
|--------|-------------------|-----------|
| LK EVO | Function selector | 790024 |



TECHNICAL SPECIFICATIONS

| Model | LK EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Through buttons with LED indication of the selected function |
| Selectable functions | Keypad inhibition, setup, reset (also via jumper) |
| Diagnostics | Through a combination of flashing LEDs |

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

| Model | Description | Item code |
|--------|-----------------------|-----------|
| KS EVO | Key function selector | 790942 |



TECHNICAL SPECIFICATIONS

| Model | KS EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Using a key with LED indication of the selected function |
| Diagnostics | Through a combination of flashing LEDs |

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

XMS CH

Touchless sensor




- Antimicrobial front-face
- Multicolour LED
- PULSE Mode: recommended for automatic doors applications
- TOGGLE Mode: recommended for switch applications

| Model | Description | Item code |
|-----------|------------------------------------|-----------|
| XMS CH | Wall touchless opening sensor | 105930 |
| XMS CH-IN | Recessed mounting touchless sensor | 105938 |



TECHNICAL SPECIFICATIONS

| Model | XMS CH |
|-------------------------------|---|
| Technology | Microwave motion sensor |
| Detection mode | Bidirectional movement |
| Power supply voltage | 12V - 24V ~/-  +30% / - 10% |
| Power supply frequency | 50 to 60 Hz |
| Max. power | < 1,5 W |
| Emitted power density | < 5 mW/cm ² |
| Frequency of use | 24.150 GHz |
| Detection area | +/- 10 to 50 cm if movement towards sensor at 90° (adjustable)* |
| Operating ambient temperature | From -20 °C to +55 °C |
| Contact maintenance time | 0.5s (in PULSE mode) |
| Protection class | IP65 with front face and gasket mounted on a smooth surface 2 Electronic relays (galvanic isolation - polarity free) |
| Output type | Max. voltage: 42V AC/DC Max. current: 100 mA PMMA / PC |
| Type of cover material | Front face is treated with biomaster silver biocide tested to ISO 22196:2011. Please use biocides responsibly. |

* An adjustment of the detection field below 10 cm is possible but the detection capability of the sensor can not be guaranteed

XMS CHA

Touchless sensor



- Antimicrobial front-face
- Multicolour LED
- PULSE Mode: recommended for automatic doors applications
- TOGGLE Mode: recommended for switch applications
- Acoustic signal
- Remote control settings
- External signal input

| Model | Description | Item code |
|------------|------------------------------------|-----------|
| XMS CHA | Wall touchless opening sensor | 105931 |
| XMS CHA-IN | Recessed mounting touchless sensor | 105939 |



TECHNICAL SPECIFICATIONS

| Model | XMS CHA |
|-------------------------------|--|
| Technology | Microwave motion sensor |
| Detection mode | Bidirectional movement |
| Power supply voltage | 12V - 24V ~ / --- +30% / - 10% |
| Power supply frequency | 50 to 60 Hz |
| Max. power | < 1,5 W |
| Emitted power density | < 5 mW/cm ² |
| Frequency of use | 24.150 GHz |
| Detection area | +/- 10 to 60 cm if movement towards sensor at 90° (adjustable)* |
| Operating ambient temperature | From -20 °C to +55 °C |
| Contact maintenance time | 0.5s (in PULSE mode) |
| Protection class | IP65 with front face and gasket mounted on a smooth surface |
| Output type | 2 Electronic relays (galvanic isolation - polarity free) Max. voltage: 42V AC/DC Max. current: 100 mA PMMA / PC |
| Type of cover material | Front face is treated with biomaster silver biocide tested to ISO 22196:2011. Please use biocides responsibly. |

* An adjustment of the detection field below 10 cm is possible but the detection capability of the sensor can not be guaranteed

ACCESSORIES



Radio control TF1
(for XMS CHA XDT1,
XDT3, XBFA ST
adjustments)

785541




Electronic pulse generators



XTR B

TECHNICAL SPECIFICATIONS

| Model | XTR B | XTR B INOX |
|--|--|------------|
| Installation type | wall or on column installation | |
| Power supply voltage | Bus 2easy, with 2 non polarised wires 24 V  | |
| Max consumption | 50 mA | |
| Max number of connectable READERS on the Bus2Easy control unit | 14 (single channel) - 4 (two-channels) | |
| Protection class | IP54 | |
| Dimensions (LxDxH) | 100 x 21 x 72 mm | |
| TAG format | 13,56 MHz Keyring | |

If used with FAAC automation mod. A1000, A1400 AIR, A1400 AIR RD or 950N2, you must use an XBR2 or XBR4 receiver

If used with FAAC automation mod. A951, you must use the communication board Code 390166

If used with FAAC automation mod. A952 it is possible to connect it directly to the control unit through the specific terminals

| Model | Description | Item code |
|------------|-----------------|-----------|
| XTR B | TAG Reader | 786041 |
| XTR B INOX | INOX TAG Reader | 786040 |

INSTALLATION ACCESSORIES



External tube adapter

Adapter for column or
flush mounted 

401064

401065

ACCESSORIES



Metal keytag
(30 pcs pack)

401306



Keytag
(30 pcs pack)

401048



XBR2 BUS-RELAY
Interface 2CH

790064



XBR4 BUS-RELAY
Interface 4CH

790065

NOTE

◆ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.



Electronic pulse generators



XKP B

TECHNICAL SPECIFICATIONS

| Model | XKP B INOX |
|-------------------------------|--|
| Installation type | wall or on column installation |
| Power supply voltage | Bus 2easy, with 2 non polarised wires 24 V |
| Protection class | IP54 |
| Dimensions (LxDxH) | 72 x 21 x 100 mm |
| Operating ambient temperature | -20 °C +55 °C |
| Max. Number of users' codes | 255 |
| Max. Number of commands | 2 (up to 4 with the XBR4 adapter) |

If used with FAAC automation mod. A1000, A1400 AIR, A1400 AIR RD or 950N2, you must use an XBR2 or XBR4 receiver

If used with FAAC automation mod. A951, you must use the communication board Code 390166

If used with FAAC automation mod. A952 it is possible to connect it directly to the control unit through the specific terminals

| Model | Description | Item code |
|------------|------------------------|-----------|
| XKP B INOX | Controller with keypad | 404039 |



INSTALLATION ACCESSORIES



External tube adapter

Adapter for column or flush mounted ♦

401064

401065

ACCESSORIES



XBR2 BUS-RELAY
Interface 2CH

790064

NOTE

♦ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.



Electronic pulse generators

XKP W

TECHNICAL SPECIFICATIONS

| Model | XKP W 433 | XKP W 868 |
|-------------------------------|---|------------|
| Installation type | wall or on column installation | |
| Frequency of use | 433.92 MHz | 868.35 MHz |
| Radio signal decoding | SLH: Rolling code encrypted self-learning | |
| Power supply voltage | Battery powered CR2450 3 W qt. 2 | |
| Average battery life | 2 years | |
| Protection class | IP54 | |
| Dimensions (LxDxH) | 72 x 21 x 100 mm | |
| Operating ambient temperature | -20 °C +55 °C | |
| Max. Number of users' codes | 255 | |
| Max. Number of commands | 4 | |

If used together with FAAC doors Mod. A1000, A1400 AIR, A1400 AIR RD or 950N2 it is necessary to use a XR2 or XR4 receiver 433 Mhz or 868 Mhz

If used together with FAAC doors Mod. A951 it is necessary to use a communication board Code 390166 + XF 433 Mhz o XF 868 Mhz receiver

If used with FAAC automation mod. A952 it is necessary to use RP 433 Mhz or RP 868 Mhz receiver



| Model | Description | Item code |
|----------------|-------------------------------|-----------|
| XKP W 433 INOX | Combination radio transmitter | 404037 |
| XKP W 868 INOX | Combination radio transmitter | 404038 |

INSTALLATION ACCESSORIES



External tube adapter

Adapter for column or flush mounted*

401064 401065

NOTE

♦ For wall installations with external or column or flush mounted pipe you must use the adapter 401064 and 401065.

PULSE GENERATORS



T20 E
Recessed installation ♦

401012



T21 EF
Wall-mounted (T21 EF)
or recessed (T21 IF)
installation ♦

401016



T20 I
Recessed installation ♦

401014



T21 IF
Wall-mounted (T21 EF)
or recessed (T21 IF)
installation ♦

401017



European cylinder lock
(T20-T21-XK30) with
customised key from
1 to 10

712052-61



Enclosure to be
embedded (T20 - T21)
(20 pcs pack)

720316

>>



XK30 Key selector with
lever release

391456



Plastic elbow button
(dim. 95 x 250 mm)

401003



Aluminium elbow
button
(dim. 95 x 250 mm)

401004



Release sheath and
cable for buttons T21
EF / T21 IF / XK21L
(length 6 m)

390423

NOTE

- ♦ Provided without lock
- ◆ Provided without lock and designed for release device

RADARS AND SENSORS

FAAC Radars & Sensors

The FAAC sensor range offers all the latest technological solutions on the market both for automatic door opening and safety.







































For door opening, FAAC uses one-directional microwave type sensors which are able to detect the movement of people correctly.

All protection sensors use the active infrared technology and protect people during the entire door movement (opening and closing); they are monitored and comply with European Standard EN 16005.

The wide range of FAAC sensors allows you to choose the best solution according to the type of installation required.

| Sensor technology | People movement detection (pharmacy, offices, shops) | People or object movement detection (supermarkets, shopping centres) | People and object presence detection. Safety device |
|---------------------------|--|--|---|
| ONE-DIRECTIONAL microwave | x | x | |
| ACTIVE infrared | x | x | x |

| ITEM CODE | DESCRIPTION | RADAR DETECTION AREA (M) | SENSOR INSTALLATION HEIGHT | REMOTE CONTROL |
|--------------------------------------|---|--|-------------------------------|----------------|
| 105129 | XM100 ONE One-directional microwave radar | 4x2 or 2x2.25 | 3 | - |
| 105091 | XBFRM1 One-directional microwave radar | 4x2 or 2x2.25 | 3 | - |
| 105930 - 105931 105038 - 105039 | XMS CH - XMS CHA Touchless button XMS CH IN - XMS CHA IN Recessed mounting touchless sensor | +/- 10 to 60 cm if movement towards sensor at 90° (adjustable) | - | yes (XMS CHA) |
| 105104 | XDT3 One-directional radar + escape route infrared safety | 4x2 or 2x2.25 | 3,5 | yes |
| 105114 | XDT1 One-directional radar + infrared safety | 4x2 or 2x2.25 | 3,5 | yes |
| 105108 | XV1 One-directional radar + infrared safety | 4x2 | 3 | - |
| 105090 | XBFA ON Active infrared sensor | 2,8 | 3 | - |
| 105132 | XBFA ST Active infrared sensor | 3 | 3,5 | yes |
| 105118 | X1S 1-Spot infrared sensor | 0,4 | 3 | - |
| 105094 105095 105096 105107 | XPBxxx ON Active infrared sensor | 0.4x0.07 with 1 module 0.8x0.07 with 2 modules | 3,5 | - |

| USE APPLICATION | | TYPE OF RADAR | TYPE OF SENSOR | CERTIFICATION |
|--|--|--|------------------------------------|---|
|   | | People detection and people + objects | - | - |
|   | | People detection and people + objects | - | - |
|    | | Opening via touchless sensor | - | - |
|    | | People detection and people + objects | People and object safety device | EN16005 Energy Saving For escape routes |
|   | | | | |
|    | | People detection and people + objects | People and object safety device | EN16005 Energy Saving |
|   | | | | |
|    | | People detection and people + objects | People and object safety device | EN16005 Energy Saving |
|   | | | | |
|    | | - | People and object safety device | EN16005 |
|   | | | | |
|    | | - | People and object safety device | EN16005 |
|   | | | | |
|   | | - | People and object safety device | - |
|     | | - | People and object safety device | EN16005 |

XSF SCAN

Laser Sensor



- The laser sensor detects the passage of people, counting the number that enter and leave the premises, even at the same time.
- The system can be centrally programmed to indicate that the maximum number of people allowed has been reached on a display at the entrance.

| Model | Description | Item code |
|----------|--|-----------|
| XSF SCAN | Laser Sensor People Counting Solution | 105553 |



TECHNICAL SPECIFICATIONS

| Model | XFS SCAN |
|-------------------------------|---|
| Power supply voltage | 24 VDC ± 10% External DC power or PoE (IEEE802.3af) |
| Max. power | 12 W |
| Dimensions (LxDxH) | 200 mm [L] x 142 mm [W] x 61 mm [H] (elliptical) (if mounted with recessed accessory : visible height 37 mm, invisible height 65 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Operating ambient temperature | - 25° C to 55°C if powered (storage temperature -35°C to +70°C) |
| Protection class | IP53 |
| Technology | LASER-scanner, measurement of flight time |
| Certifications | 2014/53/EU (RED) and Directive 2011/65/EU (RoHS) |

ACCESSORIES



Wall mounting



Wall mounting with
false ceiling



Power supply unit

Photocells



MINISWITCH GLS



- Photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.

| Model | Description | Item code |
|----------------|---|-----------|
| MINISWITCH GLS | Photocell comprising 1 transmitter and 1 receiver and connecting cables with length 8 m | 105209 |
| | Recessed front panels for MINISWITCH GLS | 105211 |

TECHNICAL SPECIFICATIONS

| Model | MINISWITCH GLS |
|-------------------------------|-----------------|
| Power supply voltage | 24 Vac - 24 --- |
| Max. current | 70 mA |
| Alignment | Automatic |
| Reception angle | ± 5° |
| Nominal range | 5 m |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 66 |

XFA BUTTON



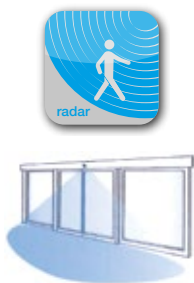
- Photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.

| Model | Description | Item code |
|-------|------------------|-----------|
| XFA | Button photocell | 105127 |

TECHNICAL SPECIFICATIONS

| Model | XFA |
|-----------------------------|--|
| Power supply voltage | 5 V ± 5% |
| Absorbed current | < 150 mA |
| Receiver supply voltage | 5 V ± 5% |
| Receiver Absorbed current | < 1 mA; permanent current (not being detected) - transistor output OFF |
| Receiver additional current | 5 mA ± 10% (being detected) - transistor output ON |


XBFRM1



| Model | Description | Item code |
|--------|---------------------------------|-----------|
| XBFRM1 | One-directional microwave radar | 105091 |



TECHNICAL SPECIFICATIONS

| Model | XBFRM1 |
|-------------------------------|---|
| Max. power | < 2 W |
| Emitted power | < 20 dBm EIRP |
| Emitted power density | < 5 mW/cm ² |
| Frequency of use | 24.150 GHz |
| Installation height | from 1.8 m to 3 m |
| Use frequency | 24.150 GHz |
| Power supply voltage | 12 V - 24 V ~ +/-10% ; 12 V - 30 V  +/-10% |
| Power supply frequency | 50 to 60 Hz |
| Detection area | 4 m (L) x 2 m (D) |
| Tilt angle | 0° to 90° vertically; -30° to +30° sideways |
| Dimensions (LxDxH) | 120 mm (L) x 80 mm (H) x 50 mm (D) |
| Weight | 120 g |
| Cable length | 2.5 m |
| Operating ambient temperature | -20 °C to +55 °C |
| Protection class | IP64 |
| Type of cover material | ABS |
| Cover color | black smoke |
| Detection mode | Movement; Min. detection speed: 5 cm/s |
| Technology | microwave doppler radar |
| Output type | SOLID STATE RELAY (with no potential, with no polarity); Max. output current: 1 A (resistive); Contact voltage: 42V AC/DC; Contact capacity: 30 W (DC) / 60 VA (AC) |
| Implementation directives | R&TTE 1999/5/EC; EMC 2004/108/EC |

Note: unidirectionality is a feature that allows people approaching the automatic door to be detected but not their subsequent moving away, speeding up the closing of the doors

ACCESSORIES



XBA1 mounting bracket
(only for XBFRM1)

| | |
|--------|----------|
| 105092 | 1-11 pcs |
| 105092 | >12 pcs |



XRA1 rain protection
(only for XBFRM1)

| | |
|--------|----------|
| 105093 | 1-11 pcs |
| 105093 | >12 pcs |


XM100 ONE



| Model | Description | Item code |
|-----------|---|-----------|
| XM100 ONE | Compact one-directional microwave radar | 105129 |



TECHNICAL SPECIFICATIONS

| Model | XM100 ONE |
|-------------------------------|--|
| Max. power | < 2 W (VA) |
| Emitted power | < 20 dBm EIRP |
| Emitted power density | < 5 mW/cm ² |
| Frequency of use | 24.175 GHz |
| Installation height | from 1.8 m to 3 m |
| Power supply voltage | 12 V - 24 V  +30% / -10% |
| Detection area | 4 m (L) x 2 m (D) |
| Tilt angle | from 0° to 90° vertical and from -30° to +30° side |
| Dimensions (LxDxH) | 80 mm (L) x 60 mm (H) x 55 mm (D) |
| Weight | 140 g |
| Cable length | 2.5 m |
| Operating ambient temperature | -20 °C to +55 °C |
| Protection class | IP54 |
| Type of cover material | ABS & polycarbonate |
| Cover color | black smoke |
| Detection mode | Movement; Min. detection speed: 5 cm/s |
| Technology | hyperfrequency and microprocessor |
| Output type | SOLID STATE RELAY (with no potential, with no polarity); Max. output current: 1 mA; Contact voltage: 35VDC e 24VAC |
| Implementation directives | R&TTE 1999/5/EC; EMC 2004/108/EC |

ACCESSORIES



XMRA rain protection
(only for XM100 ONE)

| | |
|--------|----------|
| 105086 | 1-11 pcs |
| 105086 | >12 pcs |

XBFA ON



| Model | Description | Item code |
|---------|---|-----------|
| XBFA ON | Active "movement or presence" infrared sensor | 105090 |

EN16005



TECHNICAL SPECIFICATIONS

| Model | XBFA ON |
|-------------------------------|--|
| Max. power | < 2.2 W |
| Installation height | From 1.8 m to 3 m |
| Power supply voltage | 12 V - 30 V \pm -5%/+10% |
| Tilt angle | From -4° to +4° (adjustable) |
| Operating ambient temperature | From -25 °C to +55 °C |
| Protection class | IP54 |
| Noise | < 70 dB |
| Life expectancy | 20 years |
| Detection mode | Presence; Standard response time: < 256 ms |
| Technology | Active infrared with background analysis; Spot diameter: 0.1 m (standard); Number of spots: max. 24 per curtain; Number of curtains: 2 |
| Output type | SOLID STATE RELAY (standard); Max. output current: 100 mA; Contact voltage: 42 V AC/DC; Maintenance time: 0,3 to 1 s |
| Monitoring entrance | Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms |
| Implementation directives | R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 16005:2012; EN 12978:2009; EN IEC 62061:2005 SIL2; EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 PL «c» CAT.2 (provided that the control system monitors the detector at least once for each door cycle) |
| Compliance with regulations | |

Note: active monitored infrared technology in compliance with standard EN 16005 with safety double curtain.

ACCESSORIES



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |



Spotfinder device for identifying the position of
the safety infrared curtain

| |
|--------|
| 785187 |
|--------|

XBFA ST




| Model | Description | Item code |
|---------|---|-----------|
| XBFA ST | Active "movement or presence" infrared sensor | 105132 |

EN16005



TECHNICAL SPECIFICATIONS

| Model | XBFA ST |
|-------------------------------|--|
| Max. power | < 2.5 W |
| Installation height | From 2 m to 3.5 m |
| Power supply voltage | 12 V - 30 V  -5%/+10% |
| Operating ambient temperature | -25 °C to +55 °C; 0-95% relative humidity, non-condensing |
| Protection class | IP54 |
| Noise | < 70 dB |
| Life expectancy | 20 years |
| Detection mode | Presence; Standard response time: <200 ms (max. 500ms) |
| Technology | Active infrared with background analysis; Spot: 5cm x 5cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2 |
| Output type | SOLID STATE RELAY (standard); Max. output current: 100 mA; Contact voltage: 42 V AC/DC; Maintenance time: 0,3 to 1 s |
| Monitoring entrance | Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms |
| Implementation directives | R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC EN 16005:2012 Chapter 4.6.8; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle); EN 12978; IEC 61496-1:2012 ESPE Type 2; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1 |
| Compliance with regulations | |

Note: active monitored infrared technology in compliance with standard EN 16005 with safety double curtain.

ACCESSORIES



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |



Radio control TF1
(for XMS CHA XDT1, XDT3, XBFA ST adjustments)



| |
|--------|
| 785541 |
|--------|



| Model | Description | Item code |
|-------|---|-----------|
| XV1 | Mono directional "movement and presence" radar with dual technology | 105108 |



TECHNICAL SPECIFICATIONS

| Model | XV1 | |
|-------------------------------|--|--|
| Power supply | 12 V - 30 V DC -5%/+10% (to be operated only with power supply units compatible with SELV regulations) | |
| Max. power | < 2.2 W | |
| Installation height | From 1.8 m to 3 m | |
| Monitoring entrance | < 1 V : Log. L; > 10 V: Log. H (max. 30 V) | |
| Operating ambient temperature | From -25 °C to +55 °C | |
| Protection class | IP54 | |
| Noise | < 70 dB | |
| Life expectancy | 20 years | |
| Certifications | R&TTE 1999/5/EC; MD 2006/42/EC; LVD 2006/95/EC; ROHS 2 2011/65/EU; EN 16005:2012; EN 12978:2009; EN IEC 62061:2005 SIL2, EN 61496-1:2012 ESPE Type 2; EN ISO 13849-1:2008 PI «c» CAT.2 (provided that the control system monitors the detector at least once for each door cycle) | |
| |  GREEN LED |  RED LED |
| Detection mode | Movement; Min. detection speed: 5 cm/s | Presence; Standard response time: < 256 ms |
| Technology | Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm² | Active infrared with background analysis; Spot diameter: 0.1 m (standard); Number of spots: max. 24 per curtain; Number of curtains: 2 |
| Tilt angle | From 15° to 50° increasing (adjustable) | From -4° to +4° (adjustable) |
| Output type | Solid state relay (with no potential, with no polarity) | Solid state relay (with no potential, with no polarity) - 100 |
| Contact current | 100 mA | mA - 42 V ~/- --- |
| Contact ratings | 42 V ~/- --- | |
| Contact maintenance time | 0.5 s | from 0.3 s to 1 s (cannot be adjusted) |
| Monitoring entrance | | Standard: < 5 ms |

ACCESSORIES



XV1-CA false ceiling recessed support
(only for XV1 sensors)

| | |
|--------|----------|
| 105136 | 1-11 pcs |
| 105136 | >12 pcs |



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

| | |
|--------|----------|
| 105106 | 1-11 pcs |
| 105106 | >12 pcs |



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |

>>



Spotfinder device for identifying the position of
the safety infrared curtain

XDT1



| Model | Description | Item code |
|-------|---|-----------|
| XDT1 | Mono directional "movement and presence" radar with dual technology | 105114 |



TECHNICAL SPECIFICATIONS

| Model | XDT1 | |
|-------------------------------|--|---|
| Power supply voltage | 12 V - 24 V ~ +/-10% ; 12 V - 30 V $\overline{\text{---}}$ +/-10% (to be operated only with power supply units compatible with SELV regulations) | |
| Max. power | < 2.5 W | |
| Installation height | 2 m to 3.5 m (local regulations can influence the recommended fitting height) | |
| Operating ambient temperature | -25 °C to +55 °C; 0-95% relative humidity, non-condensing | |
| Protection class | IP54 | |
| Noise | < 70 dB | |
| Life expectancy | 20 years | |
| | | |
| Detection mode | Movement; Min. detection speed: 5 cm/s | Presence; Standard response time: < 200 ms (max. 500 ms) |
| Technology | Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm ² | Active infrared with background analysis Spot: 5 cm x 5 cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2 |
| Output type | SOLID STATE RELAY; 100 mA; 42 V ~/ $\overline{\text{---}}$ | SOLID STATE RELAY (standard); 100 mA; 42 V ~/ $\overline{\text{---}}$ Maintenance time: 0,3 to 1 s |
| Monitoring entrance | | Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms |
| Implementation directives | R&TTE 1999/5/EC; EMC 2004/108/EC; MD 2006/42/EC; RoHS 2002/95/EC | |
| Certifications | EN 16005:2012 Chapter 4.6.8; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle) EN 12978; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1 | |

ACCESSORIES



XDT-CA false ceiling recessed support
(only for XDT1, XDT3)

| | |
|--------|----------|
| 105107 | 1-11 pcs |
| 105107 | >12 pcs |



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

| | |
|--------|----------|
| 105106 | 1-11 pcs |
| 105106 | >12 pcs |



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |

>>



Radio control TF1
(for XMS CHA XDT1, XDT3, XBFA ST adjustments)






XDT3



| Model | Description | Item code |
|-------|---|-----------|
| XDT3 | Mono directional "movement and presence" radar with dual technology for escape routes | 105104 |



TECHNICAL SPECIFICATIONS

| Model | XDT3 | |
|-------------------------------|---|--|
| Power supply voltage | 12 V - 24 V ~ +/-10% ; 12 V - 30 V  +/-10% (to be operated only with power supply units compatible with SELV regulations) | |
| Max. power | < 2.5 W | |
| Installation height | 2 m to 3.5 m (local regulations can influence the recommended fitting height) | |
| Operating ambient temperature | -25 °C to +55 °C; 0-95% relative humidity, non-condensing | |
| Protection class | IP54 | |
| Noise | < 70 dB | |
| Life expectancy | 20 years | |
| |  |  |
| Detection mode | Movement; Min. detection speed: 5 cm/s | Presence; Standard response time: < 200 ms (max. 500 ms) |
| Technology | Microwave doppler radar; Emitted frequency: 24.150 GHz; Radiated power: < 20 dBm EIRP; Emitted power density: < 5 mW/cm² | Active infrared with background analysis Spot: 5 cm x 5 cm (typ); Number of spots: max. 24 per curtain; Number of curtains: 2 |
| Output type | SOLID STATE RELAY; 100 mA; 42 V  FREQUENCY OUTPUT: Pulse signal (f= 100 Hz +/- 10%);CURRENT OUTPUT: Direct current galvanically insulated Status in "no detection" condition: current power supply ON; Open circuit voltage: 6.5 V; Status in "detection" condition: current power supply OFF; Open circuit residual voltage: < 500 mV | SOLID STATE RELAY (standard); 100 mA; 42 V  Maintenance time: 0,3 to 1 s |
| Monitoring entrance | Sensitivity: low < 1 V; high: > 10 V (max. 30 V); Response time of the required test: standard: < 5 ms | |
| Implementation directives | R&TTE 1999/5/EC; MD 2006/42/EC; LVD 2006/95/EC; ROHS2 2011/65/EU | |
| Certifications | EN 12978; EN ISO 13849-1:2008 PL «d» CAT. 2; EN 16005:2012 Chapter 4.6.8; DIN 18650-1:2010 Chapter 5.7.4; AutSchR; BS 7036-1:1996 Chapter 7.3.2 (only applicable for frequency and direct current outputs) | EN 12978; EN ISO 13849-1:2008 PL «c» CAT. 2 (provided that the control system monitors the detector at least once for each door cycle) EN 16005:2012 Chapter 4.6.8; DIN 18650-1:2010 Chapter 5.7.4; BS 7036-1:1996 Chapter 8.1 |

ACCESSORIES



XDT-CA false ceiling recessed support
(only for XDT1, XDT3)

| | |
|--------|----------|
| 105107 | 1-11 pcs |
| 105107 | >12 pcs |



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

| | |
|--------|----------|
| 105106 | 1-11 pcs |
| 105106 | >12 pcs |



XDT-RA rain protection
(only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |

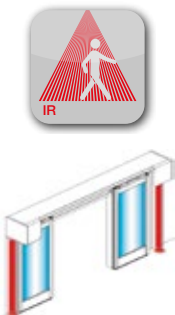
>>



Radio control TF1
(for XMS CHA XDT1, XDT3, XBFA ST adjustments)

785541

X1S



| Model | Description | Item code |
|-------|--|-----------|
| X1S | Active "movement or presence" infrared sensor X1S - 1 SPOT | 105118 |



TECHNICAL SPECIFICATIONS

| Model | X1S |
|-------------------------------|--|
| Max. power | 120 mA @ 24V ~/80 mA @ 24 V --- |
| Installation height | 0.6 - 3 m |
| Power supply voltage | 12V - 24V ~/ --- -5%/ +10% |
| Detection area | 35x70 mm (at the height of 2.2 m) |
| Operating ambient temperature | From -25 °C to +55 °C; 0-95% relative humidity Non-condensing |
| Contact maintenance time | 0.5 s |
| Protection class | IP53 |
| Response time | 64 ms |
| Detection mode | presence detector with distance measurement |
| Technology | active infrared |
| Output type | relay (free additional contact); Max contact voltage: 42V ~/ --- ; 1A (resistive); Maximum switching power: 30W (V ---) / 60VA (~) |
| Compliance with regulations | Electromagnetic Compatibility (EMC) according to the 2004/108/EEC directive |
| Reflection | min. 10% at an IR wavelength of 850 nm |
| Input type | 1 optocoupler (free additional contact); Maximum contact voltage: 30 V; Voltage threshold: high mode > 10 V; low mode < 1 V |

ACCESSORIES



X1S-SMA Mounting bracket for X1S
(only for X1S)

| | |
|--------|----------|
| 105119 | 1-11 pcs |
| 105119 | >12 pcs |

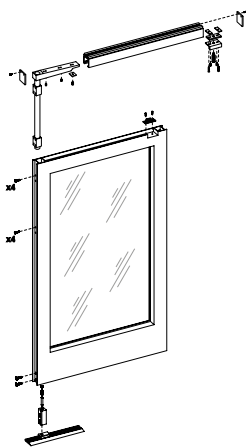
ANTI-PANIC BREAKOUT SYSTEM

APN

ANTI-PANIC BREAKOUT SYSTEM

APN

APN 1 Anti-panic breakout system



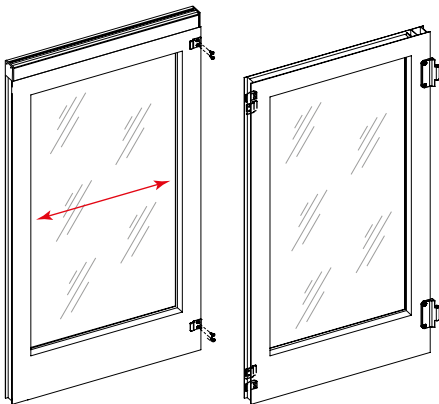
- Use on automated system head sections A1000 - A1400 AIR
- Hinge with ball lock
 - Motor stop photocell
 - Group of floor sliding blocks
 - Installation accessories
 - Version for mobile leaf (right or left)
 - Photocell fitting kit
 - Sticker
- Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

| Description | Item code |
|---|-----------|
| Kit for mobile leaf (RH or LH) | 105523 |
| Note: add the leaf and track attachment profiles listed below to the kit. | |

TECHNICAL SPECIFICATIONS

| Leaf length (mm) | 500 ÷ 700 | 1000 ÷ 1200 | 750 ÷ 950 | H max. |
|--|-----------|-------------|-----------|---------|
| Max. leaf weight without anti-panic system | 90 Kg | 75 kg | 80 kg | 2800 mm |

APN 1 + 1 Integral anti-panic breakout system



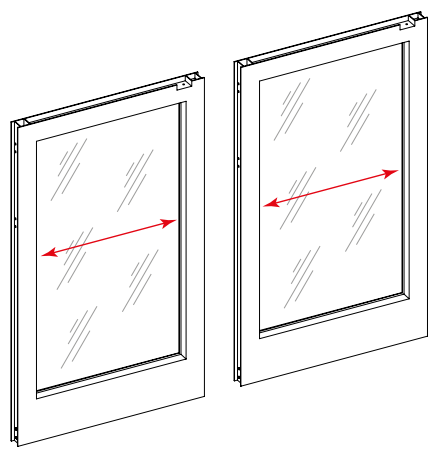
- Use on automated system head sections A1000 - A1400 AIR
- Hinge with ball lock
 - Group of floor sliding blocks
 - Installation accessories
 - Version for mobile and fixed leaf (right or left)
 - Magnetic contacts for motor stop
 - Anti-scratch and anti-burglar components kit for semi-fixed leaf
 - Cable puller for safety photocell
 - Sticker
- Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

| Description | Item code |
|---|-----------|
| Kit for mobile or semi-fixed leaf (RH or LH) | 105525 |
| Note: add the leaf and track attachment profiles listed below to the kit. | |

TECHNICAL SPECIFICATIONS

| Leaf length (mm) | 500 ÷ 700 | 1000 ÷ 1200 | 750 ÷ 950 | H max. |
|--|-----------|-------------|-----------|---------|
| Max. leaf weight without anti-panic system | 90 Kg | 75 kg | 80 kg | 2800 mm |

APN 2 Anti-panic breakout system



Use on automated system head sections A1000 - A1400 AIR
Hinge with ball lock
Motor stop photocell
Group of floor sliding blocks
Installation accessories
Version for mobile leaf (right - left)
Photocell fitting kit
Sticker
Adaptability to all commercial profiles with internal chamber of at least 30x30 mm

| Description | Item code |
|---|-----------|
| Kit for 2 mobile leaves | 105524 |
| Note: add the leaf and track attachment profiles listed below to the kit. | |

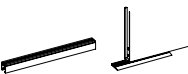
TECHNICAL SPECIFICATIONS

| Leaf length (mm) | 500 ÷ 700 | 1000 ÷ 1200 | 750 ÷ 950 | H max. |
|--|-----------|-------------|-----------|---------|
| Max. leaf weight without anti-panic system | 90 Kg | 75 kg | 80 kg | 2800 mm |

APN 2 + 2 Integral anti-panic breakout system

For 2 mobile and 2 semi-fixed leaves 2 kits APN1 + 1 (Cod. 105525) are needed

ACCESSORIES TO BE ADDED TO THE APN KITS



Upper profile L 1300 mm with lower guide profile L 1500 mm

390882

NOTE

ATTENTION: make orders according to the leaf width.

RAPPORTO DI PROVA N. 312122

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 28/12/2013

Committente: FAAC S.p.A. - Via Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italia

Data della richiesta della prova: 18/11/2013

Numero e data della commessa: 61397, 18/11/2013

Data dell'esecuzione della prova: 26/11/2013

Oggetto della prova: Verifica in situ della forza di sfondamento di ante di chiusura automatizzata pedonale secondo il paragrafo 4.7.2.2 della norma UNI EN 16005:2012

Luogo della prova: TEKNO'S S.r.l. - Via Galileo Galilei, 1 - 35020 LEGNARO (PD) - Italia

Denominazione del campione*.

Il campione sottoposto a prova è denominato "APN 2+2".

Descrizione del campione*.

Il campione sottoposto a prova è costituito da un sistema antipanico a sfondamento per ante mobili semifisse per porte pedonali automatiche, in particolare il sistema è composto da 2 ante mobili più 2 semifisse realizzate con profili TK50, e avente le seguenti caratteristiche dimensionali:

- larghezza totale = 5320 mm;
- altezza totale = 3000 mm;

(*) secondo le dichiarazioni del Committente.

Comp. MB
Revis. PB

Il presente rapporto di prova è composto da n. 9 fogli.

Foglio
n. 1 di 9

CLAUSOLE: il presente documento si riferisce solamente al campione o materiale sottoposto a prova e non può essere riprodotto parzialmente, salvo approvazione scritta dell'Istituto Giordano.

TK20, TK35 AND TK50 SERIES PROFILES

TK20 - TK35 - TK50

Typical Installation Examples page. 216

The complete entrance, the perfect solution to satisfy your needs.

To meet the market requirements in terms of integrated solutions for building access/exit, FAAC offers complete entrance supply.

The complete entrance is produced combining one frame (made with aluminium and glass profiles) and one automatic operator.

This price list only refers to the frame made of aluminum profiles **and does not include the automatic operator and its accessories** that must be ordered separately (the choice of operator has to be made separately to the complete entrance as it is determined by factors linked to the type of project).

The price list specifies the main characteristics of the entrances as far as size and price are concerned and includes a general diagram of the entrance on the left side, to facilitate correct installation.

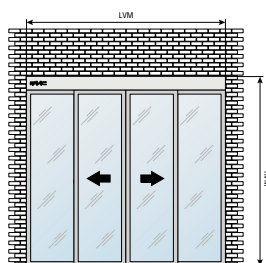
Attention to your needs.

The FAAC complete entrance price list is easy to consult and helps you choose a product tailored to your needs.

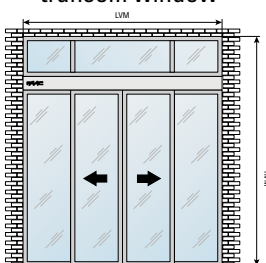
Practical and quick to have everything under control.

The price list has been divided into sheets indicating the type of profile used (TK50, TK35 or TK20 series) and the type of entrance installed (standard, standard with transom, with APN anti-panic breakout system, with APN anti-panic breakthrough system and transom).

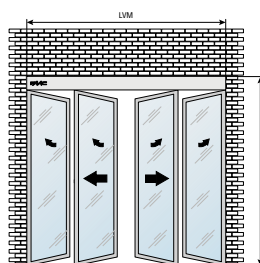
Standard entrance



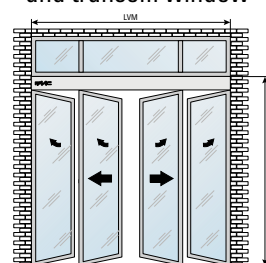
Standard entrance with transom window



Entrance with integral APN



Entrance with integral APN and transom window



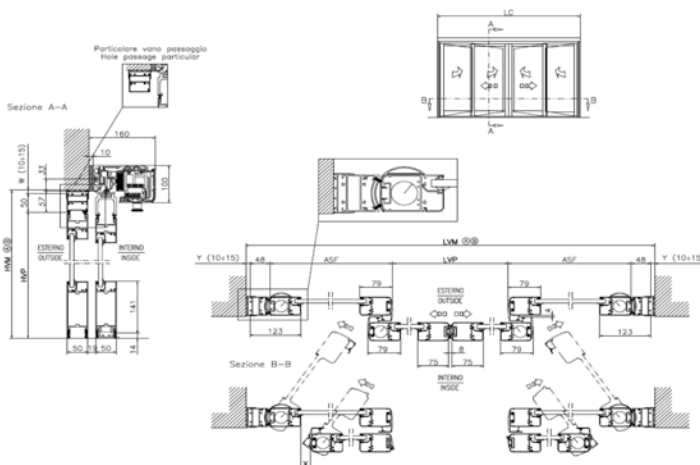
How to use the complete entrance price list.

The price list specifies the main characteristics of the entrances as far as size and price are concerned and includes a general diagram of the entrance on the left side, to facilitate correct installation.

Any type of non-standard entrance (not specified on the price list) can be requested directly to the FAAC technical-commercial reference person directly.

The detailed technical drawings (in pdf/dxf/dwg format) for each type of automatic door indicated in the price list, combined with the selected operator are available at FAAC.

Entrance example drawing made with TK50 series profiles, with APN anti-panic breakout system and A1000 operator.



Technical specifications

The FAAC entrances have been produced with aluminium alloy profiles with transverse section of 50 mm (TK50 series), 35 mm (TK35 serie) and 20 mm (TK20).

The FAAC profiles have been specifically designed by the company's R&D department to create a product made especially for use on automated entrances that guarantees a high level of performance and that complies with all the safety requirements of the Machinery Directive 2006/42/EC and EN16005

TK20 profiles

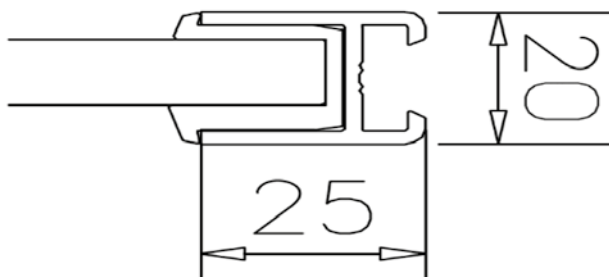
The transverse section of just 20 mm of these profiles guarantees a pleasant appearance to the entrance thanks to the reduced visible area.

The TK20 profiles can support 8 mm and 10 mm laminated glasses.

The lower shoe is 80 mm high and includes the seat for the thermal seal brush and the sliding track for the floor sliding block (guide).

At the external sides of the sliding leaves is applied a vertical rubber door seal which is coupled with the door-photocell profile: in this way the entrance thermal sealing is optimised.

The central stop between the 2 sliding leaves (or the wall in the case of a single leaf) consists of a rubber shaped seal that optimises the alignment of the leaves and the thermal seal.



Example of transverse section of the profile TK20 (width 20 mm)

TK35 Profiles

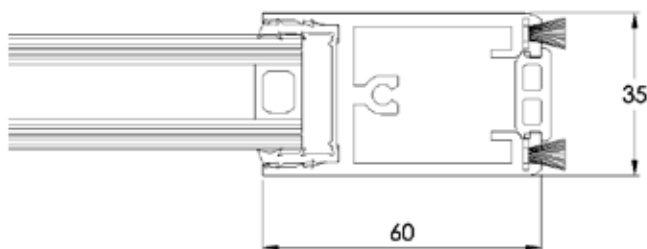
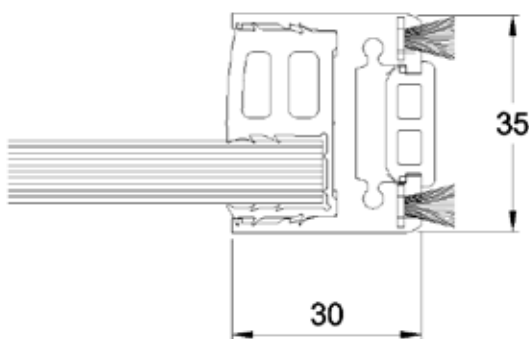
The TK35 series profiles make the leaves easy to manage and assemble. The profiles are made of 35mm EN AW-6060 extruded aluminum alloy sections, suitable for making doors for standard or telescopic automatic entrances.

The TK35 system can house the seals for 10 mm single or 24 mm double glazing panels.

Rubber seals have been fitted at the center of the sliding leaves together with brushes that ensure that it is properly sealed, limiting the entry of air and dust.

The skirting, made using the BASIC profile, can house a special aluminum profile for the floor shoe, as well as being used to attach the heat seal brushes.

A "labyrinth" system consisting of two vertical profiles and an edge brush that intersect when the doors are closed are used at the sides. This labyrinth system increases the capability of the entrance to prevent heat dispersion.



Example of transverse section of the profile TK35 (width 35 mm)

TK50 profiles

The 50 mm transverse section of these profiles guarantees a high resistance to mechanical stress to the entrance.

The TK50 profiles can support both laminated glasses (8 mm and 10 mm) and double-glazing (up to 32 mm thickness).

Vertical profiles and glass guides have rounded (non-sharp) edges, in order to increase safety in the case of a collision.

The lower shoe is 141 mm high and includes the seats for the thermal seal brushes and the sliding track for the floor sliding block (guide).

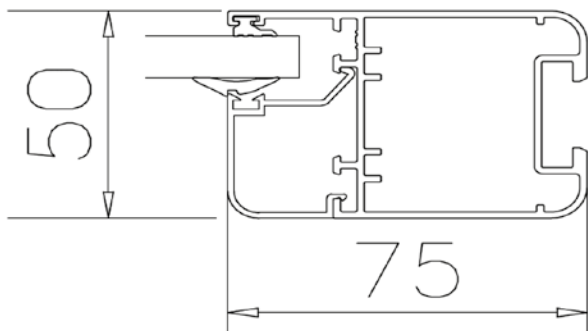
At the external sides of the sliding leaves is applied a vertical door profile which is coupled with the door-photocell profile by means of a "fin" rubber seal: in this way a "labyrinth" system is created which optimises the entrance thermal sealing.

The "labyrinth" system also increases break-in resistance on entrances equipped with APN anti-panic breakout system.

The central stop between the 2 sliding leaves (or the wall in the case of a single leaf) consists of a rubber shaped seal that optimises the alignment of the leaves and the thermal seal.

The specific structure of the TK50 profiles makes them perfect for being combined with the FAAC APN anti-panic breakout system: the semi-fixed side leaves are level to the structure and reduce the risk of cut/shearing/entrapment to the minimum.

The specific shape of the system also allows the hinges to be hidden, thus improving its appearance.



Example of transverse section of the profile TK50 (width 50 mm)

FAAC entrances supply conditions.

The price list includes:

- The complete frame (corresponding to the type chosen), including the glass seals (glass excluded, can be provided as an option with extra charge), air sealing brushes, floor guides for sliding leaves, APN anti-panic breakout system (where provided).
- The complete entrance has a silver anodized finish (RAL and special anodizing can be supplied at additional cost, see details below).
- The complete entrance is supplied with pre-assembled TK50 and TK35 series leaves* to reduce assembly time on site.
- The TK20 and TK35 series (without glass) is supplied disassembled since it cannot be pre-assembled without glass.
- The wooden packaging suitable for transport on a vehicle (the type of packaging varies according to the type of entrance).
- For packaging such as CAGE, the price must be determined based on the dimension and entrance type.

** TK50 pre-assembled leaves: the leaves are pre-assembled in the FAAC production plant, waiting for the final customer to introduce the glass and block it with the seals and glass guides provided by FAAC. If FAAC also provides the glass, the leaves are provided completely assembled.*

The price list does not include:

- Inspection on site and measurement of the dimensions in the installation areas.
- Masonry and set-ups on the installation site.
- The automation and relative control accessories to be combined with the entrance (to be ordered separately, according to the customer's technical and aesthetic requirements).
- Glasses (provided by the customer. FAAC can also provide the glasses as an option, with extra charge; this must be defined according to the type of glass and entrance size).
- Consumable materials for installation on site (nuts and bolts, sealing paste, etc.).
- Unloading of the materials on the installation site.
- VAT and transport.

Definition of the price list:

- The prices shown refer to the individual entrance, according to the selected type and dimensions.
- The price for the intermediate size entrance in the price list will be that of the subsequent box.

Extra charge options:

| DESCRIPTION | |
|--|---|
| Standard RAL painting(operator cover not included): | for each entrance (net price) |
| Standard RAL painting FROM THE SECOND ENTRANCE ONWARDS (operator cover not included): | for each entrance (net price) |
| Standard selection: RAL 1013, 8017, 3002, 5010, 6005, 9006, 7035, 1007, 1018, 1021, 2002, 2008, 3003, 5005, 5015, 6009, 6011, 6021, 7001, 7005, 7016, 7022, 8003, 8011, 8019, 9002, 9005, 9007, 9010, BRONZE TEC, ELOX 2007, ELOX 2008, IRON GRAY, GRAPHITE GRAY, MARS, BLACK, VIM 554, SABLE 100, SABLE 200, SABLE 300, SABLE 500, SABLE 600, SABLE 700, SABLE 900, ANTIQUE WHITE, ANTIQUE GRAY, ANTIQUE BROWN, ANTIQUE GREEN | |
| Special RAL painting chosen by the client (operator cover not included) | for each entrance (net price) |
| SPECIAL RAL painting FROM THE SECOND ENTRANCE ONWARDS (operator cover not included): | for each entrance (net price) |
| Extra SILVER anodizing (operator cover excluded) standard selection: SILVER 1, BRONZE, ELOX | for each entrance (net price) |
| Operator cover with accessories painted RAL (length up to 3500 mm) | for each entrance (price list to be discounted) |
| Operator cover with accessories painted RAL (for length from 3501 mm to 6100 mm) | for each entrance (price list to be discounted) |
| Leaf panel | (net price per square meter) |
| Hook lock with key (fitted on the frame) | for each leaf (price list to be discounted) |
| Pass lock with vertical rods and 3 keys (fitted on the frame) | for each leaf (price list to be discounted) |
| Blind lock with vertical rods and 3 keys (fitted on the frame) | for each leaf (price list to be discounted) |
| Bumper band only for TK50 | per meter for each leaf (price list to be discounted) |
| Flat band 70x10 mm only for A1000 (mandatory with TK50) | per meter for each leaf (price list to be discounted) |

Type of glass

The market can provide various types of glass. FAAC can provide many types of glass according to the customer's needs. Should the customer want to order an entrance with glasses, all glass information must be provided as well.

The most common types of glass follow:

| TYPE OF GLASS |
|-----------------------------------|
| Laminated glass, thickness: 8 mm |
| Laminated glass, thickness: 10 mm |
| 24 mm insulating (double) glass |
| 27 mm insulating (double) glass |
| 28 mm insulating (double) glass |
| 32 mm insulating (double) glass |

PROFILES FOR 50 MM AUTOMATIC DOORS

TK50

Profiles for complete assembled entrances

Item Code: 1055601

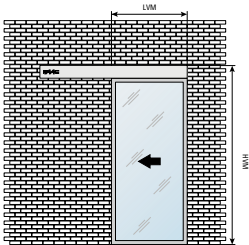


The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles. The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double). The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed on wooden mounts which protect them during transport. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge. The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site). The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

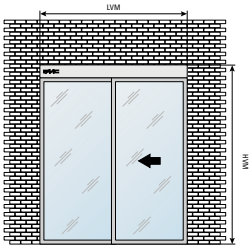
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



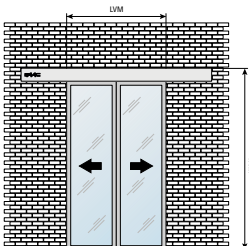
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



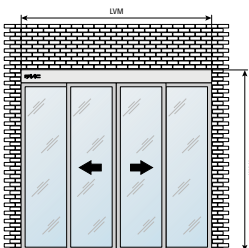
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1500 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete assembled entrances with transom window

Item Code: 1055601

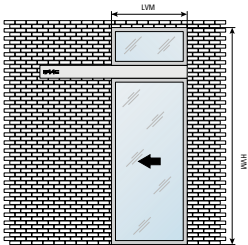


The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles. The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double). The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed on wooden mounts which protect them during transport. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge. The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site). The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

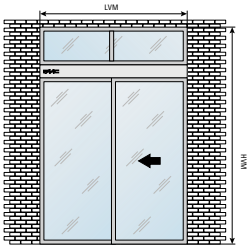
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



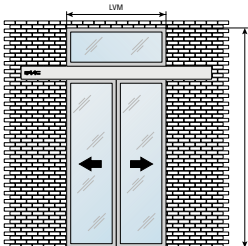
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



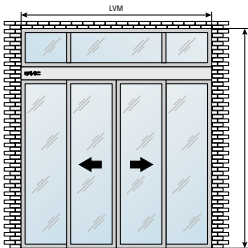
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|---|--------|
| FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*). | 1200 |
| | 1600 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete telescopic assembled entrances

Item Code: 1055611



The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles.

The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed on wooden mounts which protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

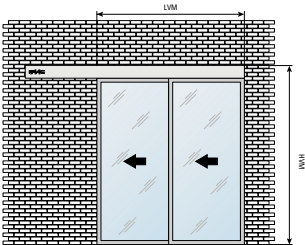
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

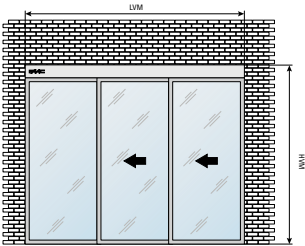
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



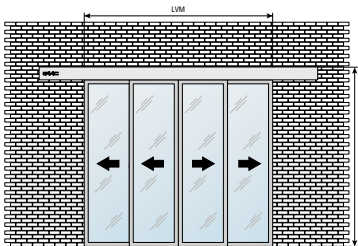
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



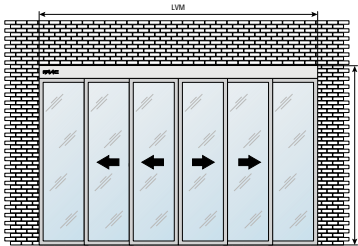
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1800 |
| | 2600 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2400 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*). | 3000 |
| | 4000 |
| | 5000 |
| | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete telescopic assembled entrances with transom window

Item Code: 1055611



The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles with transom window. The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed on wooden mounts which protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

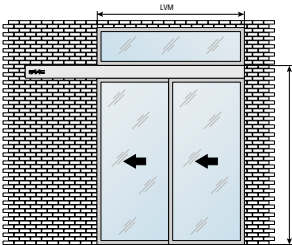
The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

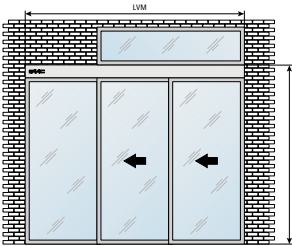
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



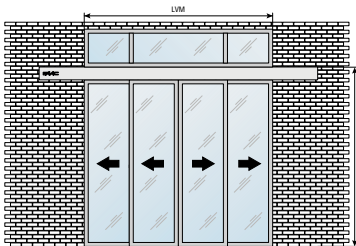
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



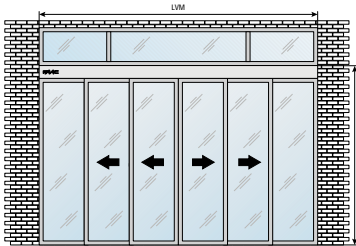
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1800 |
| | 2600 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2400 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 3000 |
| | 4000 |
| | 5000 |
| | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete entrances with APN anti-panic breakout system Item Code: 1055621



The following tables show the prices of the complete entrances, produced with FAAC TK50 series aluminium profiles with APN anti-panic breakout system. The APN mechanical system can be installed on the sliding leaf and on the semi-fixed, side leaf (if present). On the entrances fitted on escape routes it allows swinging opening of the leaf in the case of emergency.

If only the sliding leaf is present, the operator must be installed outside the building

The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed on wooden mounts which protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).

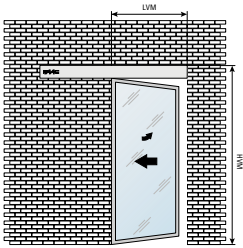
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

Transport, fitting, activation and final inspection costs are not included in the quotation.

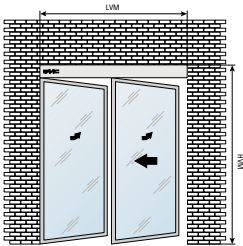


ENTRANCE WITH 1 SLIDING LEAF WITH APN (RIGHT OR LEFT OPENING)



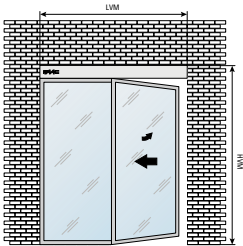
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 800 |
| | 1000 |
| | 1200 |

ENTRANCE WITH 1 SLIDING LEAF + 1 SEMI-FIXED SIDE LEAF AND INTEGRAL APN (RIGHT OR LEFT OPENING)



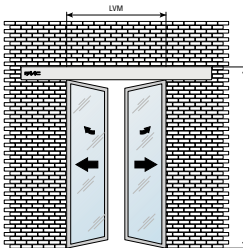
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2400 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF AND PARTIAL APN



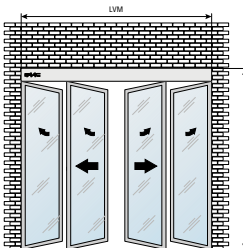
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2400 |

ENTRANCE WITH 2 SLIDING LEAVES AND APN



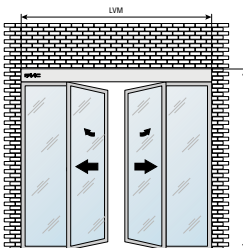
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2600 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 SEMI-FIXED SIDE LEAVES AND INTEGRAL APN



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 4500 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES AND INTEGRAL APN



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK50 profiles supplied pre-assembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 4500 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

Profiles for complete entrances with APN anti-panic breakout system and transom window

Item Code: 1055621



The following tables show the prices of the telescopic complete entrances, produced with FAAC TK50 series aluminium profiles with APN and transom window. The APN mechanical system can be installed on the sliding leaf and on the semi-fixed, side leaf (if present). On the entrances fitted on escape routes it allows swinging opening of the leaf in the case of emergency.

If only the sliding leaf is present, the operator must be installed outside the building

The TK50 profiles have a 50 mm transverse section and can support different glass thicknesses (single or double).

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed on wooden mounts which protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices refer to the supply of entrances with pre-assembled leaves (in order to reduce work on site).

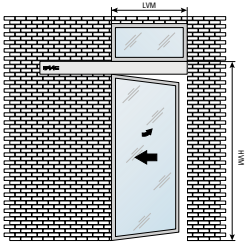
The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

Transport, fitting, activation and final inspection costs are not included in the quotation.

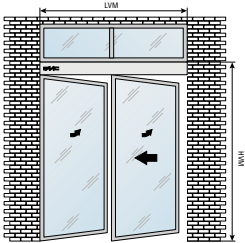


ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW AND APN (RIGHT OR LEFT OPENING)



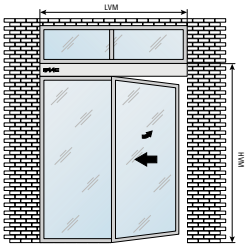
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 800 |
| TK50 profiles supplied pre-assembled and | 1000 |
| with glass seals (*) | 1200 |

ENTRANCE WITH 1 SLIDING LEAF + 1 SEMI-FIXED SIDE LEAF AND INTEGRAL APN (RIGHT OR LEFT OPENING)



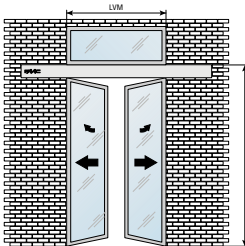
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 1200 |
| TK50 profiles supplied pre-assembled and | 1600 |
| with glass seals (*) | 2000 |
| | 2400 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW AND PARTIAL APN



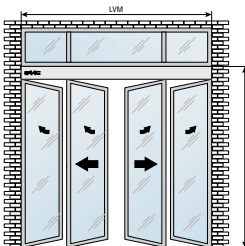
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 1200 |
| TK50 profiles supplied pre-assembled and | 1600 |
| with glass seals (*) | 2000 |
| | 2400 |

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW AND APN



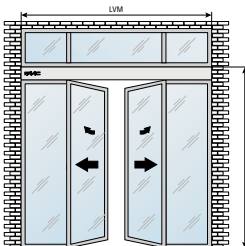
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 1200 |
| TK50 profiles supplied pre-assembled and | 1500 |
| with glass seals (*) | 2000 |
| | 2600 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 SEMI-FIXED SIDE LEAVES WITH TRANSOM WINDOW AND INTEGRAL APN



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 2000 |
| TK50 profiles supplied pre-assembled and | 2000 |
| with glass seals (*) | 4000 |
| | 4500 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW AND INTEGRAL APN



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of | 2000 |
| TK50 profiles supplied pre-assembled and | 2000 |
| with glass seals (*) | 4000 |
| | 4500 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply; it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

35 MM AUTOMATIC DOOR PROFILES ASSEMBLED VERSION

TK35

35 MM AUTOMATIC DOOR PROFILES ASSEMBLED VERSION

TK35

Profiles for complete assembled entrances

Item Code: 1050031

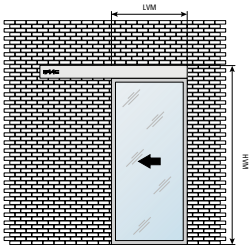


The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm. The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed on wooden mounts which protect them during transport. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge. The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately. The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

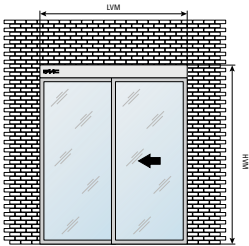
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



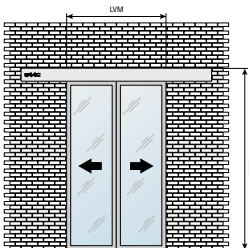
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



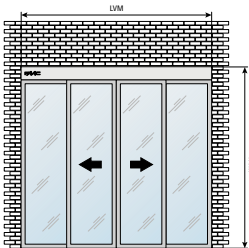
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1200 |
| | 1600 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete assembled entrances with transom window

Item Code: 1050031

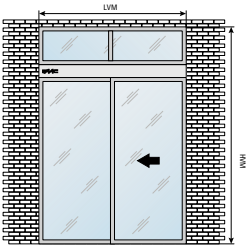


The following tables show the prices of complete entrances, with transom window, made with FAAC TK35 series aluminum profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm. The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed on wooden mounts which protect them during transport. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge. The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately. The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

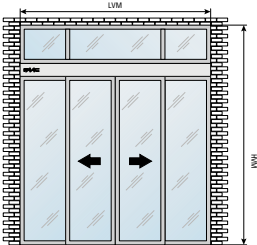
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete telescopic assembled entrances

Item Code: 1050041

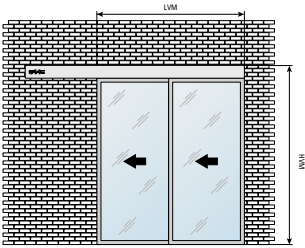


The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm. The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed on wooden mounts which protect them during transport. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge. The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately. The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

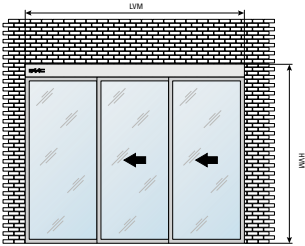
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



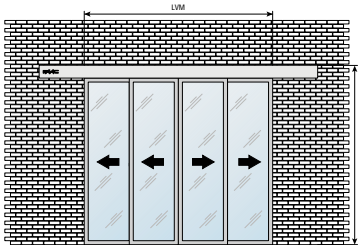
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



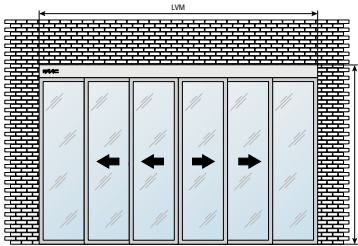
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 1800 |
| | 2600 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 2400 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles supplied pre-assembled and with glass seals (*). | 3000 |
| | 4000 |
| | 5000 |
| | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete telescopic assembled entrances with transom window

Item Code: 1050041



The following tables show the prices of complete telescopic entrances, with transom window, made with FAAC TK35 series aluminum profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed on wooden mounts which protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

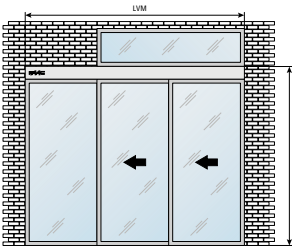
The prices refer to entrances with pre-assembled leaves (to reduce assembly time on site) with glass quoted separately.

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

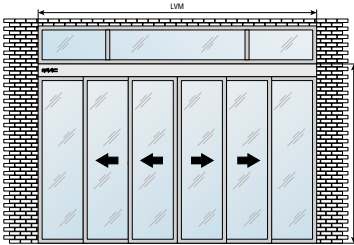
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



| Description | LVM mm |
|--|--------|
| | 1800 |
| Frame for FAAC complete entrance made of | 2600 |
| TK35 profiles supplied pre-assembled and | 3200 |
| with glass seals (*). | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|--|--------|
| | 3000 |
| Frame for FAAC complete entrance made of | 4000 |
| TK35 profiles supplied pre-assembled and | 5000 |
| with glass seals (*). | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

35 MM AUTOMATIC DOOR PROFILES NON-ASSEMBLED VERSION

TK35

35 MM AUTOMATIC DOOR PROFILES NON-ASSEMBLED VERSION

TK35

Profiles for non-assembled complete entrances

Item Code: 1050031



The following tables show the prices of the complete entrances, produced with FAAC TK35 series aluminium profiles.

The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed in cardboard to protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.

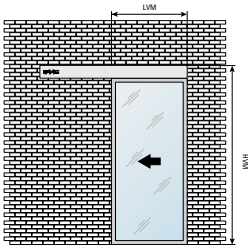
The following components, which can be ordered separately, are not included in the supply:

- automated system

Transport, fitting, activation and final inspection costs are not included in the quotation.

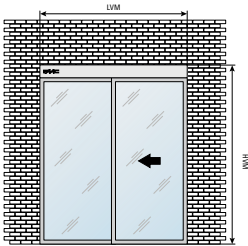
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



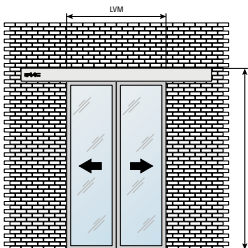
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



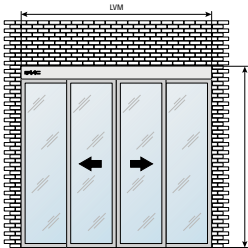
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

Profiles for non-assembled complete entrances and transom window
Item Code: 1050031



The following tables show the prices of complete entrances, with transom window, made with FAAC TK35 series aluminum profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm. The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed in cardboard to protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.

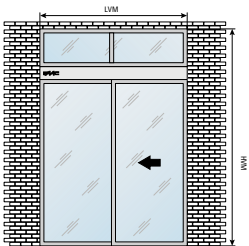
The following components, which can be ordered separately, are not included in the supply:

- automated system

Transport, fitting, activation and final inspection costs are not included in the quotation.

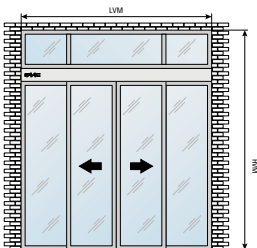
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of | 1200 |
| TK35 profiles, supplied non-assembled and | 1600 |
| with seals for the glass (*) | 2000 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of | 2000 |
| TK35 profiles, supplied non-assembled and | 3000 |
| with seals for the glass (*) | 4000 |
| | 5000 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

Profiles for complete telescopic non-assembled entrances

Item Code: 1050041



The following tables show the prices of complete telescopic entrances made with FAAC TK35 series aluminum profiles.

The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed in cardboard to protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.

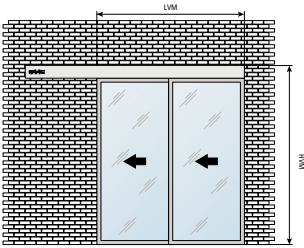
The following components, which can be ordered separately, are not included in the supply:

- automated system

Transport, fitting, activation and final inspection costs are not included in the quotation.

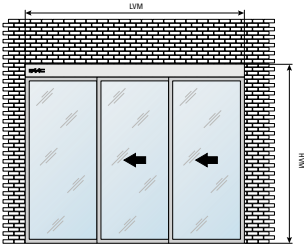
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



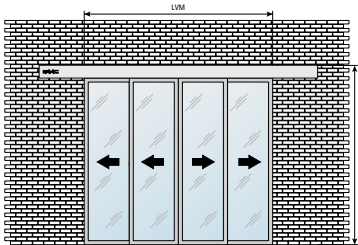
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



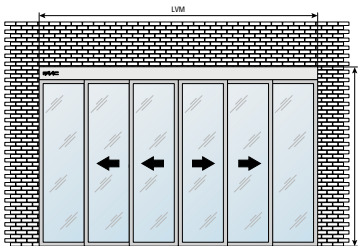
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 1800 |
| | 2600 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 2400 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| FAAC complete entrance made of TK35 profiles, supplied non-assembled and with seals for the glass (*) | 3000 |
| | 4000 |
| | 5000 |
| | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

Profiles for complete telescopic non-assembled entrances with transom window

Item Code: 1050041



The following tables show the prices of complete telescopic entrances, with transom window, made with FAAC TK35 series aluminum profiles. The TK35 profiles have a 35 mm transverse section and can support different glass thicknesses (single or double), up to 24mm.

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed in cardboard to protect them during transport.

On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The prices indicated refer to entrances with non-assembled leaves and cut to size: these have to be mounted onto the glass by the customer.

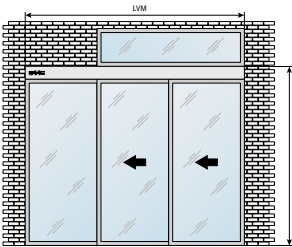
The following components, which can be ordered separately, are not included in the supply:

- automated system

Transport, fitting, activation and final inspection costs are not included in the quotation.

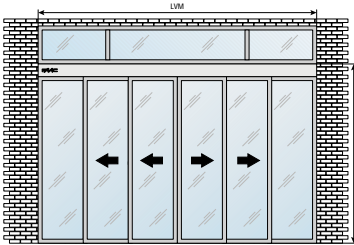
N.B. If the glazing is also required, please refer to the pre-assembled TK35 price list.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



| Description | LVM mm |
|---|--------|
| | 1800 |
| Frame for FAAC complete entrance made of | 2600 |
| TK35 profiles, supplied non-assembled and | 3200 |
| with seals for the glass (*) | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|---|--------|
| | 3000 |
| Frame for FAAC complete entrance made of | 4000 |
| TK35 profiles, supplied non-assembled and | 5000 |
| with seals for the glass (*) | 6100 |

Key
LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.
(**) In this version the automated system must be installed on the same side of the breakout opening.

20 MM AUTOMATIC DOOR PROFILES

TK20

20 MM AUTOMATIC DOOR PROFILES

TK20

Profiles for complete entrance

Item Code: 1055631



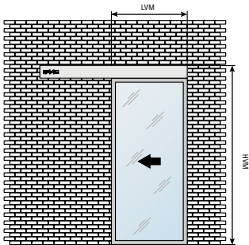
The following tables show the prices of the complete entrances, produced with FAAC TK20 series aluminium profiles. The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm). The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

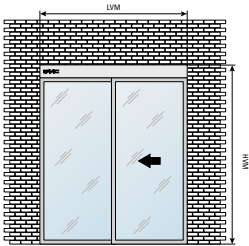
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF (RIGHT OR LEFT OPENING)



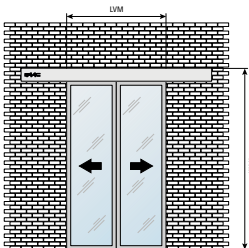
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



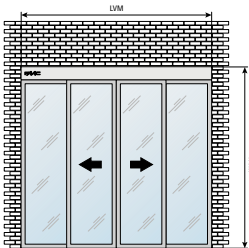
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2400 |

ENTRANCE WITH 2 SLIDING LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1200 |
| | 1500 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for complete entrance and transom window

Item Code: 1055631



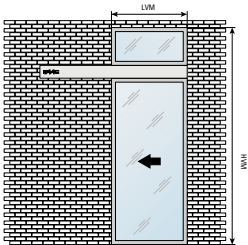
The following tables show the prices of the complete entrances, produced with FAAC TK20 series aluminium profiles. The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm). The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes. The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature. On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

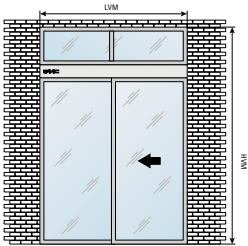
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 SLIDING LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



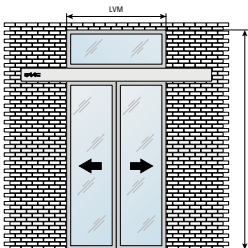
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1000 |
| | 1200 |
| | 1600 |
| | 2000 |

ENTRANCE WITH 1 SLIDING LEAF + 1 FIXED SIDE LEAF WITH TRANSOM WINDOW (RIGHT OR LEFT OPENING)



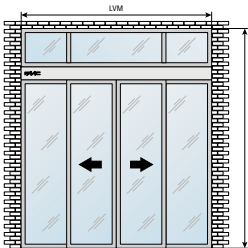
| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2400 |

ENTRANCE WITH 2 SLIDING LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|---|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied disassembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 2600 |
| | 3000 |

ENTRANCE WITH 2 SLIDING LEAVES + 2 FIXED SIDE LEAVES WITH TRANSOM WINDOW



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*) | 2000 |
| | 3000 |
| | 4000 |
| | 5000 |

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

Profiles for telescopic complete entrance

Item Code: 1055641



The following tables show the prices of the telescopic complete entrances, produced with FAAC TK20 series aluminium profiles.

The TK20 profiles have a 20 mm transverse section and can support different glass thicknesses (8 or 10 mm).

The prices refer to entrances produced with profiles in silver anodised finishing, complete with rubber seals and air sealing brushes.

The entrances are packed into cardboard assembly boxes: leaves are not pre-assembled due to their nature.

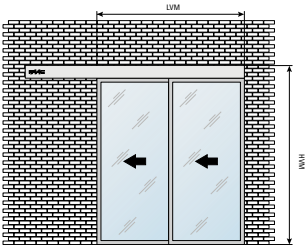
On request, the entrance can be supplied with RAL (powder) painted surface finish with extra charge.

The following components, which can be ordered separately, are not included in the supply:

- automated system
- glazing

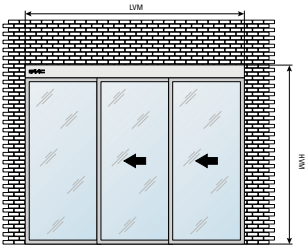
Transport, fitting, activation and final inspection costs are not included in the quotation.

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF (RIGHT OR LEFT OPENING)



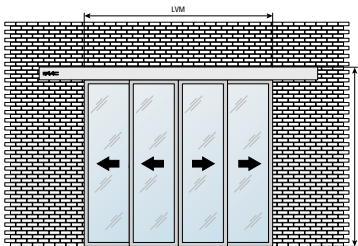
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*) | 1200 |
| | 1600 |
| | 2000 |
| | 3000 |

ENTRANCE WITH 1 TELESCOPIC SLIDING LEAF + 1 FIXED SIDE LEAF (RIGHT OR LEFT OPENING)



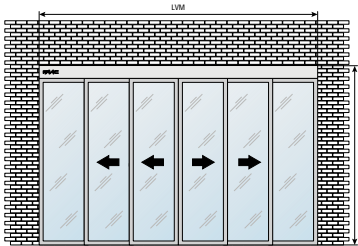
| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*) | 1800 |
| | 2600 |
| | 3200 |
| | 4000 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*) | 2400 |
| | 3200 |
| | 4000 |
| | 4600 |

ENTRANCE WITH 2 TELESCOPIC SLIDING LEAVES + 2 FIXED SIDE LEAVES



| Description | LVM mm |
|--|--------|
| Frame for FAAC complete entrance made of TK20 profiles supplied pre-assembled and with glass seals (*) | 3000 |
| | 4000 |
| | 5000 |
| | 6100 |

LVM = Wall recess width
HVM = Wall recess height
(*) glass not included in standard supply: it can be supplied on request with extra charge.

AUTOMATED SYSTEMS FOR SWING DOORS

AUTOMATED SYSTEMS FOR SWING DOORS

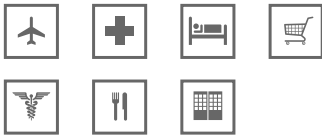
950N2
A951
A952

| Model | Leaf length | Max. leaf weight with sliding arm | Max. leaf weight with articulated arm |
|-------|------------------|-----------------------------------|---------------------------------------|
| 950N2 | from 700 to 1400 | from 71 to 286 kg | from 92 to 367 kg |
| A951 | from 700 to 1100 | 100 Kg | 100 Kg |
| A952 | from 700 to 1600 | from 80 to 800 kg | from 150 to 700 kg |

Typical Installation Examples page. 216

950N2

Automated systems for swing doors



Leaf length

from 700 to 1400

Max. leaf weight

from 286 to 367 Kg



- 950N2 automation, compliant with EN16005, allows to move doors weighing more than 360 Kg silently and in continuous use.
- The housing cover is made of silver anodized aluminum.



TECHNICAL SPECIFICATIONS

| Model | 950N2 |
|--|---|
| Power supply voltage | 220-240 V ~ - 50/60 Hz |
| Max. power | 100 W |
| standby power | 5 W |
| Use frequency | 100% |
| Electric motor | Motor powered at 24V --- |
| Max. accessories load | 1A - 24V --- |
| Electric lock power supply voltage | (N.O./N.C.) 24 V --- / 500 mA max. |
| Dimensions (LxDxH) | 530x160x105 mm |
| Weight | 10 kg |
| Operation in case of power cut | Manual push/pull opening - Spring closing |
| Max. leaf opening angle | 100° ÷ 125° |
| Opening leaf time | 4 - 10 s (adjustable) |
| Closing leaf time | 4 - 10 s (adjustable) |
| Partial opening adjustment | 10% - 90% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 ÷ 90 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1; EN13849-2 |

FAMILY MODELS

| Model | Description | Passage opening (mm) | Max. leaf weight with articulated arm (kg) | Max. leaf weight with sliding arm (kg) | Item code |
|--|---|-------------------------|--|--|-----------|
| 950N2 | With electronic control unit function selector and anodised aluminium cover | 700 ÷ 1400 | 367 Kg - 700mm 92 Kg - 1400 mm | 286 Kg - 700mm 71 Kg - 1400 mm | 1054152 |
| | With electronic control unit, function selector and without cover casing | | | | 2050042 |
| Arms | Articulated push arm | | | | 390039 |
| | Standard sliding block arm | | | | 390040 |
| | Short sliding block arm | | | | 390041 |
| NOTE: To receive the version with a plastic housing cover, order 950N2 without a cover (cod. 2050042) and add the plastic cover separately (cod. 428328) | | | | | |

THE COMPLETE 950N2 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics:: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
 - KP EVO, LK EVO and KS EVO functions keyboard support
 - The use of KP EVO keyboard features the

- following functions:
- Entry of access password for user and installer;
 - opening and closing speed adjustments;
 - Adjustment of opening and closing speed
 - Anti-crushing safety device adjustment
 - pause time adjustment;
 - Self-diagnosis;
 - weekly calendar management;
 - lock management;
 - I/O programming;
 - Maintenance cycle warning;
 - Performed cycle number displaying;
- MASTER-SLAVE version for double leaves doors;
 - INTERLOCK function;
 - INTERCOM function;
 - Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive;

- architrave or on the door with outwards or inwards opening
- Manual operation in the event of power failure and spring closing

DRIVE UNIT
COMPLETE WITH:

- FAAC electro-mechanical automated system for swing doors with direct current motor and return spring
- Silver anodized aluminum housing cover
- Activation arms in extruded aluminium (to be ordered separately.)
- Installation either on the

XPB ON


Infrared Sensors



EN16005

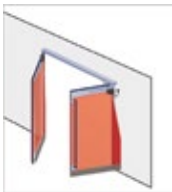
| Model | Description | Item code |
|------------|---|-----------|
| XPB34-1 ON | L 340 mm (1piece) | 105094 |
| XPB70-1 ON | L 700 mm (1piece) | 105095 |
| XPB90-2 ON | L 900 mm (1 piece) | 105096 |
| XPB34-1 ON | L 340 mm - kit supply (starting from 6 pcs) | 105094 |
| XPB70-1 ON | L 700 mm - kit supply (starting from 6 pcs) | 105095 |
| XPB90-2 ON | L 900 mm - kit supply (starting from 6 pcs) | 105096 |

TECHNICAL SPECIFICATIONS

| Model | XPB-ON |
|--------------------------|---|
| Technology | Active infrared with removal of background analysis |
| Detection area | 400 mm (L) x 70 mm (D) |
| Number of spots | 4 |
| Installation height | from 1.1 m to 3.5 m (according to ground reflectivity) |
| Detection mode | Presence (and movement) |
| Contact maintenance time | Infinite |
| Power supply voltage | 12-24V~ (+/- 10%) - relay output; 12-30V  (-5% / +10%) - transistor output |

XPB SCAN

Laser sensor



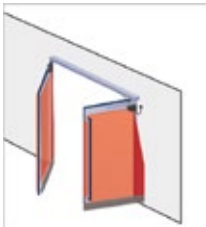
| Model | Description | Item code |
|----------------|---|-----------|
| XPB-SCAN RH | Laser sensor for swing doors right installation | 105044 |
| XPB-SCAN LH | Laser sensor for swing doors left installation | 105046 |
| XPB-SCAN RH+LF | Couple of laser sensor for swing doors right and left installation | 105047 |

TECHNICAL SPECIFICATIONS

| Model | XPB SCAN |
|-------------------------------|--|
| Power supply voltage | 12 V - 24 +/-15% |
| Max. power | < 2 W |
| Transom dimension (DxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Leaf protection: 90° / Hinge area protection: 16° |
| Tilt angle | +2° a + 10° (without mounting bracket) |
| Angular laser resolution | Leaf protection: 1,3° / Hinge area protection: 0,2° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Operating ambient temperature | -30°C to +60°C energized; 0-95 % no condensation |
| Protection class | IP54 |
| Min. detection speed | 2°/sec |
| Type of cover material | PC/ASA - black |
| Response time | Leaf protection: max 50 ms / Hinge area protection: max 90 ms |
| Detection mode | Presence |
| Technology | LASER-scanner, measurement of flight time |
| Output type | 2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V |
| Compliance with regulations | EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A) |

XPB SCAN 3D

Laser sensor



EN16005





- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

| Model | Description | Item code |
|-------------------|---|-----------|
| XPB-SCAN 3D DX | Laser sensor for swing doors right installation | 105932 |
| XPB-SCAN 3D SX | Laser sensor for swing doors left installation | 105933 |
| XPB-SCAN 3D DX+SX | Couple of laser sensor for swing doors right and left installation | 105934 |



TECHNICAL SPECIFICATIONS

| Model | XPB SCAN 3D |
|-------------------------------|---|
| Power supply voltage | 12 V - 24  +/-15% |
| Max. power | < 2 W |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Door wing safety : 80° / Hinge area safety : 20° |
| Tilt angle | 0° to +5° (without mounting base) |
| Angular laser resolution | Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Operating ambient temperature | -25°C to +60°C |
| Protection class | IP44 (EN 60529) |
| Type of cover material | PC/ASA - black |
| Detection mode | Presence |
| Response time | Typ. <120 ms / Max. 220 ms (curtain 2) |
| Technology | LASER scanner, time-of-flight measurement (ToF) 3 electronic relays (galvanic isolation - polarity free) |
| Output type | Max. switching current: 100 mA Contacts voltage: 42V ~/  |
| Certifications | EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA) |

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keypad is designed to be used with the programming display.

| Model | Description | Item code |
|--------|-----------------|-----------|
| KP EVO | Function Keypad | 790022 |



TECHNICAL SPECIFICATIONS

| Model | KP EVO |
|------------------------------|--|
| | Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open |
| Operative functions | |
| Selectable functions | Setup, Reset, keyboard inhibition |
| Operating function selection | Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis |
| Main programming functions | Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying |
| Programming | Complete with access with PROGRAMMER code and basic with USER code |

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

| Model | Description | Item code |
|--------|-------------------|-----------|
| LK EVO | Function selector | 790024 |



TECHNICAL SPECIFICATIONS

| Model | LK EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Through buttons with LED indication of the selected function |
| Selectable functions | Keypad inhibition, setup, reset (also via jumper) |
| Diagnostics | Through a combination of flashing LEDs |

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

| Model | Description | Item code |
|--------|-----------------------|-----------|
| KS EVO | Key function selector | 790942 |



TECHNICAL SPECIFICATIONS

| Model | KS EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Using a key with LED indication of the selected function |
| Diagnostics | Through a combination of flashing LEDs |

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Articulated push arm
(max. post depth 250 mm)

390039



Short sliding block arm
(length of leaf max. 800 mm)

390041



Standard sliding block arm
(leaf length more than 800 mm)

390040



Operator shaft extension H=50 mm

390042



Operator shaft extension H=80 mm

390043

ACCESSORIES



Cover in anodised aluminium
(length 3 m)

727312



Pair of side panels with aluminium cover

727931



T20 E Recessed installation ♦

401012



T20 I Recessed installation ♦

401014



European cylinder lock (T20-T21-XX30) with customised key from 1 to 10

712052-61



Plastic elbow button (dim. 95 x 250 mm)

401003

>>



Aluminium elbow button
(dim. 95 x 250 mm)

401004



Painted plastic housing cover

428328



XMS CH touchless sensor

105930 1-11 pcs
105930 >12 pcs



XMS CH IN touchless sensor

105938 1-11 pcs
105938 >12 pcs

>>



XMS CHA touchless sensor

105931 1-11 pcs
105931 >12 pcs



XMS CHA IN touchless sensor

105939 1-11 pcs
105939 >12 pcs



XBFRM1 one-directional microwave radar

105091 1-11 pcs
105091 >12 pcs

NOTE

- ♦ Note: photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.
♦ Provided without lock

AUTOMATED SYSTEMS FOR SWING DOORS

A951

Automation for internal doors



Leaf length

from 700 to 1100

Max. leaf weight

100 Kg

- A951 operator opens and closes the internal door silently and smoothly
- The housing cover is in anodized extruded aluminium
- Manufactured in compliance with the new European safety standards EN16005; speed and forced are programmed depending on door dimensions.
- Thanks to the accurate selection of mechanical and electronic components, the A951 automated system can silently drive leaves weighing 100 kg and 1100-mm wide on continuous duty ensuring the absolute operating safety at any time



TECHNICAL SPECIFICATIONS

| Model | A951 |
|--|---|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max. power | 100 W |
| standby power | 5W |
| Use frequency | 100% |
| Electric lock power supply voltage | 25Nm |
| Electric motor | Motor powered at 24V |
| Max. accessories load | 1A - 24V |
| Electric lock power supply voltage | (N.O./N.C.) 24 V / 500 mA max. |
| Dimensions (LxDxH) | 575x60x70 mm |
| Weight | 7 Kg |
| Operation in case of power cut | Manual push/pull opening |
| Max. leaf opening angle | 100° ÷ 125° |
| Opening leaf time | 4 - 10 s (adjustable) |
| Closing leaf time | 4 - 10 s (adjustable) |
| Partial opening adjustment | Standard (adjustable) |
| Pause time | 0 - 30 s |
| Night pause time | 0 ÷ 90 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN16005; EN61000-6-2; EN61000-6-3 ; EN13849 |

FAMILY MODELS

| Model | Description | Passage opening (mm) | Max. leaf weight with articulated arm (kg) | Max. leaf weight with sliding arm (kg) | Item code |
|-------|---|----------------------|--|--|-----------|
| A951 | With electronic control unit function selector and anodised aluminium cover | 700 ÷ 1100 | 100 | 100 | 105951 |
| Arms | Sliding arm | | | | 390167 |
| | Articulated arm | | | | 390169 |

THE COMPLETE A951 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

A951 CONTROL UNIT

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing safety device active both in closing and in opening
- Integrated functions selector with the following operating logics: AUTOMATIC - MANUAL/NIGHT - OPEN
- "INTRUSION" Function, the door opposes the manual opening attempt
- Selectable 'PUSH and GO' function
- KP EVO, LK EVO and KS EVO functions keyboard support
- Using the KP EVO or LK EVO keypad the following functions are available:
 - opening and closing speed adjustments;
 - Adjustment of opening and closing speed
 - Anti-crushing safety device adjustment
 - pause time adjustment;
 - Self-diagnosis;
 - weekly calendar;
 - Battery kit and lock management;
 - I/O programming;
 - Maintenance cycle warning;
 - Performed cycle number displaying;
 - MASTER-SLAVE version for double doors (with communication board);
 - INTERLOCK function (with communication board);
 - INTERCOM function (with communication board);
- Firmware upgrade and download/upload (configurations, timer and log) through USB key
- Use of FAAC transmitters (with communication board)
- Use of BUS-2EASY accessories (with communication board)

DRIVE UNIT

COMPLETE WITH:

- FAAC electromechanical automated system for swing doors working on direct current
- The housing cover is in anodized aluminium
- Articulated and sliding arms with anodized aluminium cover (to be ordered separately)
- Over the transom installation with inwards and outwards opening
- Manual operation in case of an electrical power cut
- Optional battery

XPB ON


Infrared Sensors



EN16005

| Model | Description | Item code |
|------------|---|-----------|
| XPB34-1 ON | L 340 mm (1piece) | 105094 |
| XPB70-1 ON | L 700 mm (1piece) | 105095 |
| XPB90-2 ON | L 900 mm (1 piece) | 105096 |
| XPB34-1 ON | L 340 mm - kit supply (starting from 6 pcs) | 105094 |
| XPB70-1 ON | L 700 mm - kit supply (starting from 6 pcs) | 105095 |
| XPB90-2 ON | L 900 mm - kit supply (starting from 6 pcs) | 105096 |

TECHNICAL SPECIFICATIONS

| Model | XPB-ON |
|--------------------------|---|
| Technology | Active infrared with removal of background analysis |
| Detection area | 400 mm (L) x 70 mm (D) |
| Number of spots | 4 |
| Installation height | from 1.1 m to 3.5 m (according to ground reflectivity) |
| Detection mode | Presence (and movement) |
| Contact maintenance time | Infinite |
| Power supply voltage | 12-24V~ (+/- 10%) - relay output; 12-30V  (-5% / +10%) - transistor output |

XPB SCAN

Laser sensor



EN16005



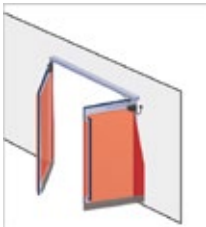
| Model | Description | Item code |
|----------------|---|-----------|
| XPB-SCAN RH | Laser sensor for swing doors right installation | 105044 |
| XPB-SCAN LH | Laser sensor for swing doors left installation | 105046 |
| XPB-SCAN RH+LF | Couple of laser sensor for swing doors right and left installation | 105047 |

TECHNICAL SPECIFICATIONS

| Model | XPB SCAN |
|-------------------------------|--|
| Power supply voltage | 12 V - 24 +/-15% |
| Max. power | < 2 W |
| Transom dimension (DxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Leaf protection: 90° / Hinge area protection: 16° |
| Tilt angle | +2° a + 10° (without mounting bracket) |
| Angular laser resolution | Leaf protection: 1,3° / Hinge area protection: 0,2° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Operating ambient temperature | -30°C to +60°C energized; 0-95 % no condensation |
| Protection class | IP54 |
| Min. detection speed | 2°/sec |
| Type of cover material | PC/ASA - black |
| Response time | Leaf protection: max 50 ms / Hinge area protection: max 90 ms |
| Detection mode | Presence |
| Technology | LASER-scanner, measurement of flight time |
| Output type | 2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V |
| Compliance with regulations | EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A) |

XPB SCAN 3D

Laser sensor



EN16005





- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

| Model | Description | Item code |
|-------------------|---|-----------|
| XPB-SCAN 3D DX | Laser sensor for swing doors right installation | 105932 |
| XPB-SCAN 3D SX | Laser sensor for swing doors left installation | 105933 |
| XPB-SCAN 3D DX+SX | Couple of laser sensor for swing doors right and left installation | 105934 |



TECHNICAL SPECIFICATIONS

| Model | XPB SCAN 3D |
|-------------------------------|---|
| Power supply voltage | 12 V - 24  +/-15% |
| Max. power | < 2 W |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Door wing safety : 80° / Hinge area safety : 20° |
| Tilt angle | 0° to +5° (without mounting base) |
| Angular laser resolution | Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Operating ambient temperature | -25°C to +60°C |
| Protection class | IP44 (EN 60529) |
| Type of cover material | PC/ASA - black |
| Detection mode | Presence |
| Response time | Typ. <120 ms / Max. 220 ms (curtain 2) |
| Technology | LASER scanner, time-of-flight measurement (ToF) 3 electronic relays (galvanic isolation - polarity free) |
| Output type | Max. switching current: 100 mA Contacts voltage: 42V ~/  |
| Certifications | EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA) |

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keyboard is designed to be used with the programming display.

| Model | Description | Item code |
|--------|-----------------|-----------|
| KP EVO | Function Keypad | 790022 |



TECHNICAL SPECIFICATIONS

| Model | KP EVO |
|------------------------------|--|
| | Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open |
| Operative functions | |
| Selectable functions | Setup, Reset, keyboard inhibition |
| Operating function selection | Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis |
| Main programming functions | Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying |
| Programming | Complete with access with PROGRAMMER code and basic with USER code |

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

| Model | Description | Item code |
|--------|-------------------|-----------|
| LK EVO | Function selector | 790024 |



TECHNICAL SPECIFICATIONS

| Model | LK EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Through buttons with LED indication of the selected function |
| Selectable functions | Keypad inhibition, setup, reset (also via jumper) |
| Diagnostics | Through a combination of flashing LEDs |

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

| Model | Description | Item code |
|--------|-----------------------|-----------|
| KS EVO | Key function selector | 790942 |



TECHNICAL SPECIFICATIONS

| Model | KS EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Using a key with LED indication of the selected function |
| Diagnostics | Through a combination of flashing LEDs |

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Sliding arm

390167



Articulated arm

390169



Operator shaft
extension

390117

ACCESSORIES



XBFRM1 one-directional microwave radar

105091

1-11 pcs

105091

>12 pcs



XMS CH touchless sensor

105930

1-11 pcs

105930

>12 pcs



XMS CH IN touchless sensor

105938

1-11 pcs

105938

>12 pcs

ACCESSORIES



XMS CHA touchless sensor

105931

1-11 pcs

105931

>12 pcs



XMS CHA IN touchless sensor

105939

1-11 pcs

105939

>12 pcs

>>



T20 E
Recessed installation ♦

401012



T20 I
Recessed installation ♦

401014



European cylinder lock
(T20-T21-XK30) with
customised key from
1 to 10

712052-61



Plastic elbow button
(dim. 95 x 250 mm)

401003



Aluminium elbow
button
(dim. 95 x 250 mm)

401004

NOTE

- ♦ Note: photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.
- ♦ Provided without lock

AUTOMATED SYSTEMS FOR SWING DOORS

A952



A952

Automated systems for swing doors



Leaf length

from 700 to 1600

Max. leaf weight

Sliding arm
800 Kg - 700 mm
Articulated arm
700 Kg - 750 mm

- The A952 automation, compliant with EN16005, is able to move doors up to a weight of 800 Kg, in continuous use and in absolute silence. It can be installed on escape routes in compliance with EN16005 and is able to meet all the safety requirements of EN13489-1 PLD.
- Variable ratio rack and pinion to provide constant spring compression (FAAC PATENT)
- Variable ratio parallel shaft gears for effective and smooth movement (FAAC PATENT)
- Compact dimensions ideal for fire and smoke vent doors
- The housing cover is made of silver anodized aluminum.



TECHNICAL SPECIFICATIONS

| Model | A952 |
|--|---|
| Power supply voltage | 110-240 V~ - 50/60 Hz |
| Max. power | 350 W |
| standby power | 5 W |
| Use frequency | 100% |
| Electric motor | Motor powered at 24V --- |
| Max. accessories load | 1A - 24V --- |
| Electric lock power supply voltage | (N.O./N.C.) 24 V --- / 500 mA max. |
| Dimensions (LxDxH) | 715x150x74 mm |
| Weight | 12 Kg |
| Operation in case of power cut | Manual push/pull opening - Spring closing |
| Max. leaf opening angle | 100° ÷ 125° |
| Opening leaf time | 4 - 10 s (adjustable) |
| Closing leaf time | 4 - 10 s (adjustable) |
| Partial opening adjustment | 10% - 90% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 ÷ 90 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 61000-6-2; EN 61000-6-3; EN 13849-1 Pl. D; EN13849-2 |

FAMILY MODELS

| Model | Description | Passage opening (mm) | Max. leaf weight with articulated arm (kg) | Max. leaf weight with sliding arm (kg) | Item code |
|-------|---|-------------------------|--|--|-----------|
| A952 | With electronic control unit function selector and anodised aluminium cover | 700 ÷ 1600 | 700 Kg - 750mm 150 Kg - 1600 mm | 800 Kg - 700mm 150 Kg - 1600 mm | 105952 |
| Arms | Articulated push arm | | | | 390189 |
| | Standard sliding block arm | | | | 390187 |
| | Short sliding block arm | | | | 390188 |

THE COMPLETE A952 AUTOMATED SYSTEM CONSISTS OF THE FOLLOWING COMPONENTS:

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed ' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual push of the door
- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
- MASTER-SLAVE Version for double leaves doors
- INTERLOCK function
- INTERCOM Function
- Firmware update and download/upload of some information (configurations,

- timers, log files) through the USB drive
- Designed to connect to SIMPLY CONNECT control units
 - KP EVO, LK EVO and KS EVO functions keyboard support
 - The use of KP EVO keyboard features the following functions:
 - Entry of access password for user and installer;
 - opening and closing speed adjustments;
 - Adjustment of opening and closing speed
 - Anti-crushing safety device adjustment
 - pause time adjustment;
 - Self-diagnosis;
 - weekly calendar management;
 - lock management;
 - I/O programming;
 - Maintenance cycle warning;
 - Performed cycle number displaying;

DRIVE UNIT
COMPLETE WITH:

- Electromechanical automation for swing doors with DC motor and spring
- Possibilità di installazione su via di fuga, porte tagliafuoco e porte controllo fumo
- In the event of a power failure, the spring can open or close according to the type of installation
- Silver anodized aluminum

- housing cover
- Articulated or shoe type actuator arms in anodised aluminium (to be ordered separately)
 - Arms coated with high corrosion resistance Geomet 321 (RoHS compliant)
 - Installation either on the architrave or on the door with outwards or inwards opening

XPB ON


Infrared Sensors



EN16005

| Model | Description | Item code |
|------------|---|-----------|
| XPB34-1 ON | L 340 mm (1piece) | 105094 |
| XPB70-1 ON | L 700 mm (1piece) | 105095 |
| XPB90-2 ON | L 900 mm (1 piece) | 105096 |
| XPB34-1 ON | L 340 mm - kit supply (starting from 6 pcs) | 105094 |
| XPB70-1 ON | L 700 mm - kit supply (starting from 6 pcs) | 105095 |
| XPB90-2 ON | L 900 mm - kit supply (starting from 6 pcs) | 105096 |

TECHNICAL SPECIFICATIONS

| Model | XPB-ON |
|--------------------------|---|
| Technology | Active infrared with removal of background analysis |
| Detection area | 400 mm (L) x 70 mm (D) |
| Number of spots | 4 |
| Installation height | from 1.1 m to 3.5 m (according to ground reflectivity) |
| Detection mode | Presence (and movement) |
| Contact maintenance time | Infinite |
| Power supply voltage | 12-24V~ (+/- 10%) - relay output; 12-30V  (-5% / +10%) - transistor output |

XPB SCAN

Laser sensor



EN16005



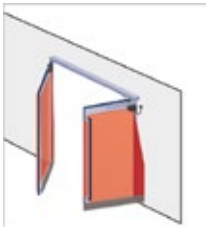
| Model | Description | Item code |
|----------------|---|-----------|
| XPB-SCAN RH | Laser sensor for swing doors right installation | 105044 |
| XPB-SCAN LH | Laser sensor for swing doors left installation | 105046 |
| XPB-SCAN RH+LF | Couple of laser sensor for swing doors right and left installation | 105047 |

TECHNICAL SPECIFICATIONS

| Model | XPB SCAN |
|-------------------------------|--|
| Power supply voltage | 12 V - 24 +/-15% |
| Max. power | < 2 W |
| Transom dimension (DxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Leaf protection: 90° / Hinge area protection: 16° |
| Tilt angle | +2° a + 10° (without mounting bracket) |
| Angular laser resolution | Leaf protection: 1,3° / Hinge area protection: 0,2° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Operating ambient temperature | -30°C to +60°C energized; 0-95 % no condensation |
| Protection class | IP54 |
| Min. detection speed | 2°/sec |
| Type of cover material | PC/ASA - black |
| Response time | Leaf protection: max 50 ms / Hinge area protection: max 90 ms |
| Detection mode | Presence |
| Technology | LASER-scanner, measurement of flight time |
| Output type | 2 ELECTRONIC RELAYS (galvanised insulation - no polarity) Max. output current: 1 mA; Contact voltage: 42V |
| Compliance with regulations | EMC 2014/30/EU; LVD 2014/35/EU; MD 2006/42/EC; RoHS2 2011/65/EU; EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 Chapter 5.7.4 (testbody A); EN 16005 Chapter 4.6.8 (testbody A) |

XPB SCAN 3D

Laser sensor



EN16005





- The XPB SCAN 3D is a safety sensor designed for swing doors. Using laser time-of-flight technology, its volumetric detection field covers the complete opening area of the door, guaranteeing more comfort and safety to the users.
- Completely touchless. It prevents any contact with the user by avoiding sudden movements of door leaves.
- The coverage of the hinge area and the leading edge area is increased to avoid any risk of contact.

| Model | Description | Item code |
|-------------------|---|-----------|
| XPB-SCAN 3D DX | Laser sensor for swing doors right installation | 105932 |
| XPB-SCAN 3D SX | Laser sensor for swing doors left installation | 105933 |
| XPB-SCAN 3D DX+SX | Couple of laser sensor for swing doors right and left installation | 105934 |



TECHNICAL SPECIFICATIONS

| Model | XPB SCAN 3D |
|-------------------------------|---|
| Power supply voltage | 12 V - 24  +/-15% |
| Max. power | < 2 W |
| Dimensions (LxDxH) | 142 mm (L) × 85 mm (A) × 23 mm (P) (mounting frame + 7 mm) |
| Max detection distance | 4m (diagonal) with reflectivity of 2% (i.e. : at W = 1.5m -> max. H = 3.7m) |
| Detection area | Door wing safety : 80° / Hinge area safety : 20° |
| Tilt angle | 0° to +5° (without mounting base) |
| Angular laser resolution | Curtain 1 : 0.2° / Curtain 2 : 1° / Curtain 3 : 1.7° / Curtain 4 : 2.5° |
| Laser emission features | Wavelength 905 nm; max. pulse output 25 W; Class 1 |
| Operating ambient temperature | -25°C to +60°C |
| Protection class | IP44 (EN 60529) |
| Type of cover material | PC/ASA - black |
| Detection mode | Presence |
| Response time | Typ. <120 ms / Max. 220 ms (curtain 2) |
| Technology | LASER scanner, time-of-flight measurement (ToF) 3 electronic relays (galvanic isolation - polarity free) |
| Output type | Max. switching current: 100 mA Contacts voltage: 42V ~/  |
| Certifications | EN 12978; EN ISO 13849-1 PI "d"/ CAT2; IEC 60825-1; EN 60950-1; EN 61000-6-2; EN 61000-6-3; EN 62061 SIL 2; DIN 18650-1 (testbody CA); EN 16005 (testbody CA) |

KP EVO

Function Keypad



- Optional.
- The KP EVO programming keyboard is designed to be used with the programming display.

| Model | Description | Item code |
|--------|-----------------|-----------|
| KP EVO | Function Keypad | 790022 |



TECHNICAL SPECIFICATIONS

| Model | KP EVO |
|------------------------------|--|
| | Manual (only with key or security code EN16005) Night (only with key or security code EN16005) Automatic Monodirectional Partial monodirectional Partial opening Open |
| Operative functions | |
| Selectable functions | Setup, Reset, keyboard inhibition |
| Operating function selection | Through buttons with display indication of the selected function. Possibility to lock the keyboard through bridge or key combination User and installer login password Opening and closing speed adjustment Force adjustment in opening and closing Anti-crushing adjustment Pause time adjustment Energy Saving function Self-diagnosis |
| Main programming functions | Weekly calendar management Battery kit and motor lock management I/O Programming Maintenance cycles alert Performed cycle number displaying |
| Programming | Complete with access with PROGRAMMER code and basic with USER code |

LK EVO

Function selector



- Supplied as an accessory, it enables access to the main automatic functions and indicates when it is on through LED lights

| Model | Description | Item code |
|--------|-------------------|-----------|
| LK EVO | Function selector | 790024 |



TECHNICAL SPECIFICATIONS

| Model | LK EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Through buttons with LED indication of the selected function |
| Selectable functions | Keypad inhibition, setup, reset (also via jumper) |
| Diagnostics | Through a combination of flashing LEDs |

KS EVO

Key function selector



- Supplied as an accessory, it provides access to the main automatic functions and makes it possible to modify them, with the provided key (2 keys)
- Recessed installation, for wall-mounted uses (see note)

| Model | Description | Item code |
|--------|-----------------------|-----------|
| KS EVO | Key function selector | 790942 |



TECHNICAL SPECIFICATIONS

| Model | KS EVO |
|------------------------------|--|
| Operative functions | Manual, Automatic, Night, Open, One-directional, Partial opening |
| Operating function selection | Using a key with LED indication of the selected function |
| Diagnostics | Through a combination of flashing LEDs |

NOTE

Compatible with 2 wall module surface junction boxes (ex.502BI)

ACTIVATION ARMS



Articulated arm

390189



Standard sliding block arm

390187



Short sliding block arm

390188



Arm spacer

390190



Battery

390191

ACCESSORIES



XMS CH touchless sensor

| | |
|--------|----------|
| 105930 | 1-11 pcs |
| 105930 | >12 pcs |



XMS CH IN touchless sensor

| | |
|--------|----------|
| 105938 | 1-11 pcs |
| 105938 | >12 pcs |



XMS CHA touchless sensor

| | |
|--------|----------|
| 105931 | 1-11 pcs |
| 105931 | >12 pcs |

>>



XMS CHA IN touchless sensor

| | |
|--------|----------|
| 105939 | 1-11 pcs |
| 105939 | >12 pcs |



XBFRM1 one-directional microwave radar

| | |
|--------|----------|
| 105091 | 1-11 pcs |
| 105091 | >12 pcs |

>>



T20 E
Recessed installation ♦

401012



T20 I
Recessed installation ♦

401014



European cylinder lock
(T20-T21-XK30) with
customised key from
1 to 10

712052-61



Plastic elbow button
(dim. 95 x 250 mm)

401003



Aluminium elbow
button
(dim. 95 x 250 mm)

401004

NOTE

♦ Provided without lock

KIT SOLUTIONS FOR SLIDING DOOR AUTOMATED SYSTEMS

A1000

A1000

List of components necessary for configuring a sliding automated system

| 1-LEAF A1000 MODEL | Q.ty | Finish | Description | Item code | Notes |
|--------------------|------------------|--------------------|--|-----------|---------------------------------|
| | 1 | Anodised aluminium | Supporting profile - 4.3 m bar | 105426 | Depends upon head section width |
| | 1 | | or v 6.1 m bar | 105427 | |
| | 1 | | 1st leaf basic kit | 10505701 | |
| | 1 | | Leaf connection profile | 105432 | |
| | see instructions | | Toothed belt | 105163 | per metre |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | per metre |
| | | | | | |

| 2-LEAVES A1000 MODEL | Q.ty | Finish | Description | Item code | Notes |
|----------------------|------------------|--------------------|--|-----------|---------------------------------|
| | 1 | Anodised aluminium | Supporting profile - 4.3 m bar | 105426 | Depends upon head section width |
| | 1 | | or v 6.1 m bar | 105427 | |
| | 1 | | 1st leaf basic kit | 10505701 | |
| | 1 | | 2nd leaf basic kit | 105122 | |
| | 1 | | Leaf connection profile | 105432 | |
| | see instructions | | Toothed belt | 105163 | per metre |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | per metre |

List of components necessary for configuring the cover

| COVER FOR A1000 MODELS | Q.ty | Finish | Description | Item code | Notes |
|------------------------|------|--------------------|--------------------------------|-----------|---------------------------------|
| | 1 | Natural aluminium | Cover profile - 4.3 m bar | 105429 | Depends upon head section width |
| | 1 | | or v 6.1 m bar | 105431 | |
| | 1 | | Accessories securing the cover | 105123 | |
| | 1 | | Pair of side panels | 105434 | |
| | 1 | Anodised aluminium | Cover profile - 4.3 m bar | 105428 | Depends upon head section width |
| | 1 | | or v 6.1 m bar | 105430 | |
| | 1 | | Accessories securing the cover | 105123 | |
| | 1 | | Pair of side panels | 105434 | |

COMPONENTS FOR AUTOMATED SYSTEMS

| | | | | |
|--|---|---|--|---|
|  |  |  |  |  |
| A1000 Supporting Profile (4.3 m bar) (4 pcs pack) | A1000 Supporting Profile (6.1 m bar) (4 pcs pack) | A1000 1st leaf basic kit (IT-EN-NL) (4 pcs pack) ♦ | Seal for routing of cables on the supporting profile (150 m pack) | Toothed belt 8m - 10mm (60m pack) |
| 105426 | 105427 | 10505701 | 105433 | 105163 |






>>

COMPONENTS FOR COVERS

| | | | | |
|--|---|---|--|---|
|  |  |  |  |  |
| Leaf connection profile (3m bar) (4 pcs pack) | A1000 2nd leaf kit (4 pcs pack) | Natural aluminium cover profile (4.3 m bar) (4 pcs pack) | Natural aluminium cover profile (6.1 m bar) (4 pcs pack) | Anodised aluminium cover profile (4.3 m bar) (4 pcs pack) |
| 105432 | 105122 | 105429 | 105431 | 105428 |

>>

ACCESSORIES FOR AUTOMATED SYSTEM

| | | | | |
|--|---|---|--|---|
|  |  |  |  |  |
| Anodised aluminium cover profile (6.1 m bar) (4 pcs pack) | Cover fixing accessories A1400-A1000 H100 (4 pcs pack) | Pair of side panels (4 pcs pack) | Motor block and leaf position supervision | Emergency batteries for E1SL |
| 105430 | 105123 | 105434 | 105125 1-3 pcs 105125 >4 pcs | 105504 1-3 pcs 105504 >4 pcs |

>>

ACCESSORIES FOR AIR SEALING

| | | | | | |
|--|---|---|---|--|---|
|  |  |  |  |  |  |
| XB LOCK Bi-stable motor lock A1000 w/ knob (4 pcs pack) | Release cable and sheath (only for external installation) | XFA button photocell (10 pcs pack) | Lower guide profile brush H=25 (1,5 m bar) (8 pcs pack) | Lower guide profile brush H=19 (1,5 m bar) (8 pcs pack) | Natural aluminium closing profile (3m bar) (4 pcs pack) |
| 105124 | 105326 | 105127 | 105345 | 105346 | 105319 |

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10505702

>>



Anodised aluminium
closing profile
(3m bar) (4 pcs pack)

105320

ACCESSORIES FOR FRAMED LEAF



Lower guide profile
(3m bar)
(4 pcs pack)

105380



Swivel sliding block
(the lower guide profile
is necessary)
(8 pcs pack)

105078



Pair of lower sliding
blocks with bracket
(the lower guide profile
is necessary) (4 pcs)

105487

>>

ACCESSORIES FOR CRYSTAL LEAVES



Lower guide profile
brush H=25
(1,5 m bar) (8 pcs pack)

105345



Lower guide profile
brush H=19
(1,5 m bar) (8 pcs pack)

105346



Side profile (8 pcs)
Clamping profile (4 pcs
pack) glass 12 mm
3 m bars

105412



Side profile (8 pcs)
Clamping profile (4 pcs
pack) glass 10 mm
3 m bars

105402



Rubber seal
(12,5x2 m pack)

105403

>>



Fixing plate
(24 pcs pack)

105404



Terminal side panel
(16 pcs pack)

105405



Pair of lower sliding
blocks
(length 120 mm each)
glass 10 mm
(10 pcs pack)

105406



Pair of lower sliding
blocks
(length 120 mm each)
glass 12 mm
(10 pcs pack)

105413

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019

1-3 pcs

790019

>4 pcs



LK EVO Function Selector

790024

1-3 pcs

790024

>4 pcs



Key function selector KS EVO

790942

COMPONENTS FOR PLIERS FOR 2 CRYSTAL LEAVES WITH LENGTH 1.5 M

| Q.ty | Description | Item code |
|------|---------------------|-----------|
| 2 | Side profile | 105402 |
| 1 | Clamping profile | 105403 |
| 6 m | Rubber seal | 105404 |
| 6 | Fixing plate | 105405 |
| 4 | Terminal side panel | 105406 |

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.

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KIT SOLUTIONS FOR SLIDING DOOR AUTOMATED SYSTEMS

A1400 AIR

A1400 AIR - A1400 AIR A

List of components necessary for configuring a sliding automated system

| MODELLO A1400 AIR 1 LEAF | Q.ty | Finish | Description | Item code | Notes |
|-----------------------------|------------------|--------------------|--|-----------|----------------------------------|
| | 1 | Anodised Aluminium | Supporting profile - 4.3 m bar | 105512 | Depends upon head section length |
| | 1 | | or v 6.1 m bar | 105510 | |
| | 1 | | 1st leaf basic kit | 10503701 | |
| | 1 | | Low leaf connection profile (3m bar) | 105507 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | per metre |
| | see instructions | | Toothed belt 12 mm | 105298 | per metre |

| MODELLO A1400 AIR 2 LEAVES | Q.ty | Finish | Description | Item code | Notes |
|-------------------------------|------------------|--------------------|--|-----------|----------------------------------|
| | 1 | Anodised Aluminium | Supporting profile - 4.3 m bar | 105512 | Depends upon head section length |
| | 1 | | or v 6.1 m bar | 105510 | |
| | 1 | | 1st leaf basic kit | 10503701 | |
| | 1 | | 2nd leaf basic kit | 105499 | |
| | 1 | | Low leaf connection profile (3m bar) | 105507 | |
| | see instructions | | Toothed belt 12 mm | 105298 | Per metre |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |

| A1400 AIR A T MODEL | Q.ty | Finish | Description | Item code | Notes |
|---------------------|------|--------------------|--|-----------|-------|
| | 1 | Anodised Aluminium | Self-supporting profile - 6.1 m bar | 105515 | |
| | 1 | | Accessories securing the self-supporting profiles | 105331 | |
| | 1 | | Pair of brackets for A1400 AIR T self-supporting Serie | 105029 | |
| | 1 | | Brush H=25 - 3 m bar | 105345 | |

Items to be added to obtain the self-supporting version

NB: TO GET THE DM (DOUBLE MOTOR) VERSION ADD ARTICLE No.105036

COMPONENTS FOR AUTOMATED SYSTEMS



A1400 AIR supporting profile
(6.1 m bar)
(4 pcs pack)

105510



A1400 AIR supporting profile
(4.3 m bar)
(4 pcs pack)

105512



A1400 AIR 1st leaf
basic kit (1 piece
pack)♦

10503701



Second motor kit A1400
AIR DM

105036



A1400 AIR 2nd leaf kit
(4 pcs pack)

105499

>>



Leaf connection profile
(3m bar)
(4 pcs pack)

105507



Toothed belt 8m - 12mm
(60m pack)

105298



Seal for routing
of cables on the
supporting profile
(150 m pack)

105433



Anodised aluminium
self-supporting profile
(6.1 m bar) (4 pcs pack)

105515



A1400 AIR - A Pair of
brackets for side fixing
(4 pcs pack)

105516



Accessories securing
the self-supporting
profile
(4 pcs pack)

105331

>>



Lower guide profile
brush H=25
(1,5 m bar) (8 pcs pack)

105345

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.

It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.

♦ This item code includes the instructions in Italian, English and Dutch language

For instructions in French, German and Spanish order code 10503702

A1400 AIR - A1400 AIR A

List of components necessary for configuring the cover

| A1400 AIR COVER - HEIGHT 100 MM | Q.ty | Finish | Description | Item code | Notes |
|------------------------------------|------|--------------------|--------------------------------|-----------|-------|
| | 1 | Natural aluminium | Cover profile - 6.1 m bar | 105431 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels | 105505 | |
| | 1 | Anodised aluminium | Cover profile - 6.1 m bar | 105430 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels | 105505 | |

| A1400 AIR COVER - HEIGHT 140 MM | Q.ty | Finish | Description | Item code | Notes |
|---------------------------------|------|--------------------|--------------------------------|-----------|---------------------------------|
| | 1 | Natural aluminium | Cover profile - 4.3 m bar | 105513 | Depends upon head section width |
| | 1 | | or v 6.1 m bar | 105514 | |
| | 1 | | Carriage spacer A1400 AIR | 105508 | |
| | 1 | | Accessories securing the cover | 105501 | |
| | 1 | | Pair of side panels | 105506 | |
| | 1 | Anodised aluminium | Cover profile - 4.3 m bar | 105511 | Depends upon head section width |
| | | | or v 6.1 m bar | 105509 | |
| | 1 | | Carriage spacer A1400 AIR | 105508 | |
| | 1 | | Accessories securing the cover | 105501 | |
| | 1 | | Pair of side panels | 105506 | |

COMPONENTS FOR COVERS - HEIGHT 100 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs pack)

105429



Natural aluminium cover profile (6.1 m bar) (4 pcs pack)

105431



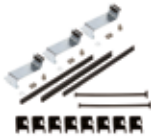
Anodised aluminium cover profile (4.3 m bar) (4 pcs pack)

105428



Anodised aluminium cover profile (6.1 m bar) (4 pcs pack)

105430



Cover fixing accessories A1400 H100 (4 pcs pack)

105028



Pair of side panels (4 pcs pack)

105505

COMPONENTS FOR COVERS - HEIGHT 140 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs pack)

105513



Natural aluminium cover profile (6.1 m bar) (4 pcs pack)

105514



Anodised aluminium cover profile (4.3 m bar) (4 pcs pack)

105511



Anodised aluminium cover profile (6.1 m bar) (4 pcs pack)

105509



Carriage spacer (4 pcs pack)

105508



Cover fixing accessories A1400 H140 (4 pcs pack)

105501

>>



Pair of side panels (4 pcs pack)

105506

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece. It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.

A1400 AIR T

A1400 AIR A T

List of components necessary for configuring a sliding automated system

| MODEL A1400 AIR T2 | Q.ty | Finish | Description | Item code | Notes |
|--------------------|------------------|-------------------|--|-----------|-----------|
| | 1 | Natural aluminium | A1400 AIR-T 2 supporting profile - 6,1 m bar | 105020 | |
| | 1 | Natural aluminium | Telescopic profile - 6.1 m bar | 105021 | |
| | 1 | | 1st leaf basic kit A1400 AIR T | 10503901 | |
| | 1 | | Leaf connection profile | 105507 | |
| | see instructions | | Toothed belt 12 mm | 105298 | Per metre |
| | 1 | | T -right leaf carriage unit | 105024 | |
| | 1 | | or Left leaf carriage unit | 105025 | |
| | see instructions | | Steel cable Ø 3 mm | 105027 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |

| MODEL A1400 AIR T4 | Q.ty | Finish | Description | Item code | Notes |
|--------------------|------------------|-------------------|--|-----------|-----------|
| | 1 | Natural aluminium | A1400 AIR-T 2 supporting profile - 6,1 m bar | 105020 | |
| | 1 | Natural aluminium | Telescopic profile - 6.1 m bar | 105021 | |
| | 1 | | 1st leaf basic kit A1400 AIR T | 10503901 | |
| | 1 | | Leaf connection profile | 105507 | |
| | see instructions | | Toothed belt 12 mm | 105298 | Per metre |
| | 1 | | T -right leaf carriage unit | 105024 | |
| | 1 | | or Left leaf carriage unit | 105025 | |
| | 1 | | 2nd leaf basic kit A1400 AIR T | 105023 | |
| | see instructions | | Steel cable Ø 3 mm | 105027 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |

| A1400 AIR A T MODEL | Q.ty | Finish | Description | Item code | Notes |
|---------------------|------|--------------------|--|-----------|-------|
| | 1 | Anodised Aluminium | Self-supporting profile - 6.1 m bar | 105515 | |
| | 1 | | Accessories securing the self-supporting profiles | 105331 | |
| | 1 | | Pair of brackets for A1400 AIR T self-supporting Serie | 105029 | |
| | 1 | | Brush H=25 - 3 m bar | 105345 | |

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS



A1400 AIR-T supporting profile
(6.1 m bar)
(4 pcs pack)

105020



Natural aluminium telescopic profile
(6.1 m bar)
(4 pcs pack)

105021



1st leaf basic kit
A1400 AIR T♦

10503901



Leaf connection profile
(3m bar)
(4 pcs pack)

105507



A1400 AIR-T left leaf carriage unit
(4 pcs pack)

105025

>>



A1400 AIR-T right leaf carriage unit
(4 pcs pack)

105024



Steel cable Ø 3 mm
A1400 AIR-T
(30 m pack)

105027

>>



Toothed belt 8m - 12mm
(60m pack)

105298



Seal for routing of cables on the supporting profile
(150 m pack)

105433



2nd leaf kit A1400
AIR-T
(4 pcs pack)

105023

COMPONENTS FOR SELF-SUPPORTING PROFILES



Anodised aluminium self-supporting profile
(6.1 m bar) (4 pcs pack)

105515



Pair of self-supporting brackets for lateral fixing A1400 T
(4 pcs pack)

105029



Accessories securing the self-supporting profile
(4 pcs pack)

105331



Lower guide profile brush H=25
(1,5 m bar) (8 pcs pack)

105345

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503902

A1400 AIR T

List of components necessary for configuring the cover

| A1400 AIR COVER - HEIGHT 100 MM | Q.ty | Finish | Description | Item code | Notes |
|------------------------------------|------|--------------------|--------------------------------|-----------|-------|
| | 1 | Natural aluminium | Cover profile - 6.1 m bar | 105431 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels | 105505 | |
| | 1 | Anodised aluminium | Cover profile - 6.1 m bar | 105430 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels | 105505 | |
| | 1 | | | | |

COMPONENTS FOR COVERS - HEIGHT 100 MM



Natural aluminium
cover profile
(6.1 m bar)
(4 pcs pack)
105431



Anodised aluminium
cover profile
(6.1 m bar)
(4 pcs pack)
105430



Cover fixing
accessories A1400
H100
(4 pcs pack)
105028



Pair of side panels
A1400 AIR-T
(4 pcs pack)
105030

KIT SOLUTIONS FOR REDUNDANT SLIDING DOORS ON ESCAPE ROUTES

A1400 AIR RD/RDF

A1400 AIR RD/RDF

List of components required for configuring a redundant sliding automation





| 1-LEAF A1400 AIR RD MODEL | Q.ty | Finish | Description | Item code | Notes |
|---------------------------|------------------|--------------------|--|-----------|------------------------------------|
| | 1 | Anodised Aluminium | Supporting profile - 4.3 m bar | 105512 | Depends upon head section length |
| | 1 | | or v 6.1 m bar | 105510 | |
| | 1 | | 1st leaf basic kit A1400 AIR RD | 10514001 | |
| | 1 | | Basic kit 1st leaf A1400 AIR RDF | 10505901 | As an alternative to code 10514001 |
| | 1 | | Low leaf connection profile | 105507 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | per metre |
| | see instructions | | Toothed belt | 105298 | per metre |

| 2-LEAF A1400 AIR RD MODEL | Q.ty | Finish | Description | Item code | Notes |
|---------------------------|------------------|--------------------|--|-----------|----------------------------------|
| | 1 | Anodised Aluminium | Supporting profile - 4.3 m bar | 105512 | Depends upon head section length |
| | 1 | | or v 6.1 m bar | 105510 | |
| | 1 | | 1st leaf basic kit | 10514001 | |
| | 1 | | 2nd leaf basic kit | 105499 | |
| | 1 | | Low leaf connection profile | 105507 | |
| | see instructions | | Toothed belt | 105298 | Per metre |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |


| A1400 AIR RD A MODEL | Q.ty | Finish | Description | Item code | Notes |
|----------------------|------|--------------------|---|-----------|-------|
| | 1 | Anodised Aluminium | Self-supporting profile - 6.1 m bar | 105515 | |
| | 1 | | Accessories securing the self-supporting profiles | 105331 | |
| | 1 | | Pair of brackets for side fixing | 105516 | |
| | 1 | | Brush H=25 - 3 m bar | 105345 | |

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS

| | | | |
|--|---|---|---|
|  |  |  |  |
| A1400 AIR supporting profile (6.1 m bar) (4 pcs pack) | A1400 AIR supporting profile (4.3 m bar) (4 pcs pack) | A1400 AIR RD 1st leaf basic kit♦ | 1st leaf basic kit A1400 AIR RDF♦ |
| 105510 | 105512 | 10514001 1-3 pcs 10514001 >4 pcs | 10505901 1-3 pcs 10505901 >4 pcs |

>>

| | | | | | |
|--|---|---|---|--|---|
|  |  |  |  |  |  |
| A1400 AIR 2nd leaf kit (4 pcs pack) | Leaf connection profile (3m bar) (4 pcs pack) | Toothed belt 8m - 12mm (60m pack) | Seal for routing of cables on the supporting profile (150 m pack) | Anodised aluminium self-supporting profile (6.1 m bar) (4 pcs pack) | Accessories securing the self-supporting profile (4 pcs pack) |
| 105499 | 105507 | 105298 | 105433 | 105515 | 105331 |

>>

| | |
|--|---|
|  |  |
| A1400 AIR - A Pair of brackets for side fixing (4 pcs pack) | Lower guide profile brush H=25 (1,5 m bar) (8 pcs pack) |
| 105516 | 105345 |

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10514002
♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10504002

A1400 AIR RD/RDF

List of components necessary for configuring the cover

| COVER FOR A1400 AIR RD MODELS - HEIGHT 100 MM | Q.ty | Finish | Description | Item code | Notes |
|--|------|--------------------|-----------------------------------|-----------|------------------------------------|
| | 1 | Natural aluminium | Cover profile - 4.3 m | 105429 | Depends upon head section width |
| | 1 | | bar | 105431 | |
| | | | or v 6.1 m bar | | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | Anodised aluminium | Pair of side panels | 105505 | Depends upon head section width |
| | 1 | | Cover profile - 4.3 m | 105428 | |
| | | | bar | 105430 | |
| | | | or v 6.1 m bar | | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels | 105505 | |

| COVER FOR A1400 AIR RD MODELS - HEIGHT 140 MM | Q.ty | Finish | Description | Item code | Notes |
|--|------|--------------------|-----------------------------------|-----------|------------------------------------|
| | 1 | Natural aluminium | Cover profile - 4.3 m | 105513 | Depends upon head section width |
| | 1 | | bar | 105514 | |
| | | | or v 6.1 m bar | | |
| | 1 | | Carriage spacer | 105508 | |
| | 1 | | Accessories securing the cover | 105501 | |
| | 1 | Anodised aluminium | Pair of side panels | 105506 | Depends upon head section width |
| | 1 | | Cover profile - 4.3 m | 105511 | |
| | | | bar | 105509 | |
| | | | or v 6.1 m bar | | |
| | 1 | | Carriage spacer | 105508 | |
| | 1 | | Accessories securing the cover | 105501 | |
| | 1 | | Pair of side panels | 105506 | |

COMPONENTS FOR COVERS - HEIGHT 100 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs pack)

105429



Natural aluminium cover profile (6.1 m bar) (4 pcs pack)

105431



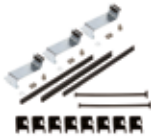
Anodised aluminium cover profile (4.3 m bar) (4 pcs pack)

105428



Anodised aluminium cover profile (6.1 m bar) (4 pcs pack)

105430



Cover fixing accessories A1400 H100 (4 pcs pack)

105028



Pair of side panels (4 pcs pack)

105505

COMPONENTS FOR COVERS - HEIGHT 140 MM



Natural aluminium cover profile (4.3 m bar) (4 pcs pack)

105513



Natural aluminium cover profile (6.1 m bar) (4 pcs pack)

105514



Anodised aluminium cover profile (4.3 m bar) (4 pcs pack)

105511



Anodised aluminium cover profile (6.1 m bar) (4 pcs pack)

105509



Carriage spacer (4 pcs pack)

105508



Cover fixing accessories A1400 H140 (4 pcs pack)

105501

>>



Pair of side panels (4 pcs pack)

105506

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.

List of components required for configuring a redundant sliding automation





| A1400 AIR RD T2 MODEL | Q.ty | Finish | Description | Item code | Notes |
|-----------------------|------------------|-------------------|--|-----------|------------------------------------|
| | 1 | Natural aluminium | A1400 AIR-T 2 supporting profile - 6,1 m bar | 105020 | |
| | 1 | Natural aluminium | Telescopic profile - 6.1 m bar | 105021 | |
| | 1 | | A1400 AIR RD T 1st leaf basic kit | 10503801 | |
| | 1 | | 1st leaf basic kit A1400 AIR RDF T | 10506001 | As an alternative to code 10503801 |
| | 1 | | Leaf connection profile | 105507 | |
| | see instructions | | Toothed belt 12 mm | 105298 | Per metre |
| | 1 | | A1400 AIR-T right leaf carriage unit | 105024 | |
| | 1 | | or Left leaf carriage unit A1400 AIR - T | 105025 | |
| | see instructions | | Steel cable Ø 3 mm | 105027 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |

| A1400 AIR RD T4 MODEL | Q.ty | Finish | Description | Item code | Notes |
|-----------------------|------------------|-------------------|--|-----------|-----------|
| | 1 | Natural aluminium | A1400 AIR-T 2 supporting profile - 6,1 m bar | 105020 | |
| | 1 | Natural aluminium | Telescopic profile - 6.1 m bar | 105021 | |
| | 1 | | A1400 AIR RD T 1st leaf basic kit | 10503801 | |
| | 1 | | Leaf connection profile | 105507 | |
| | see instructions | | Toothed belt 12 mm | 105298 | Per metre |
| | 1 | | T -right leaf carriage unit | 105024 | |
| | 1 | | or Left leaf carriage unit | 105025 | |
| | 1 | | 2nd leaf basic kit A1400 AIR T | 105023 | |
| | see instructions | | Steel cable Ø 3 mm | 105027 | |
| | see instructions | | Seal for routing of cables on the supporting profile | 105433 | Per metre |







| A1400 AIR RD A T MODEL | Q.ty | Finish | Description | Item code | Notes |
|------------------------|------|--------------------|--|-----------|-------|
| | 1 | Anodised Aluminium | Self-supporting profile - 6.1 m bar | 105515 | |
| | 1 | | Accessories securing the self-supporting profiles | 105331 | |
| | 1 | | Pair of brackets for A1400 AIR T self-supporting Serie | 105029 | |
| | 1 | | Brush H=25 - 3 m bar | 105345 | |

Items to be added to obtain the self-supporting version

COMPONENTS FOR AUTOMATED SYSTEMS

| | | | |
|--|---|---|--|
|  |  |  |  |
| A1400 AIR-T supporting profile (6.1 m bar) (4 pcs pack) | Natural aluminium telescopic profile (6.1 m bar) (4 pcs pack) | A1400 AIR RD-T 1st leaf basic kit (1pc price) ♦ | 1st leaf basic kit A1400 AIR RDF-T ♦ |
| 105020 | 105021 | 10503801 | 10506001 1-3 pcs 10506001 >4 pcs |

>>

| | | | | | |
|--|---|---|---|---|---|
|  |  |  |  |  |  |
| Leaf connection profile (3m bar) (4 pcs pack) | Toothed belt 8m - 12mm (60m pack) | A1400 AIR-T right leaf carriage unit (4 pcs pack) | A1400 AIR-T left leaf carriage unit (4 pcs pack) | 2nd leaf kit A1400 AIR-T (4 pcs pack) | Steel cable Ø 3 mm A140 AIR-T (30 m pack) |
| 105507 | 105298 | 105024 | 105025 | 105023 | 105027 |

>>

| |
|--|
|  |
| Seal for routing of cables on the supporting profile (150 m pack) |
| 105433 |

COMPONENTS FOR SELF-SUPPORTING PROFILES

| | | | |
|--|---|---|---|
|  |  |  |  |
| Anodised aluminium self-supporting profile (6.1 m bar) (4 pcs pack) | Accessories securing the self-supporting profile (4 pcs pack) | Lower guide profile brush H=25 (1,5 m bar) (8 pcs pack) | Pair of self-supporting brackets for lateral fixing A1400 T (4 pcs pack) |
| 105515 | 105331 | 105345 | 105029 |





NOTE

- ♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503802
- ♦ This item code includes the instructions in Italian, English and Dutch language
For instructions in French, German and Spanish order code 10503802

List of components necessary for configuring the cover

| COVER FOR A1400 AIR RD T MODELS - HEIGHT 100 MM | Q.ty | Finish | Description | Item code | Notes |
|--|------|--------------------|--------------------------------|-----------|-------|
| | 1 | Natural aluminium | Cover profile - 6.1 m bar | 105431 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels AIR - T | 105030 | |
| | 1 | Anodised aluminium | Cover profile - 6.1 m bar | 105430 | |
| | 1 | | Accessories securing the cover | 105028 | |
| | 1 | | Pair of side panels AIR - T | 105030 | |

COMPONENTS FOR COVERS, HEIGHT 100 MM

| | | | |
|--|---|---|---|
|  |  |  |  |
| Natural aluminium cover profile (6.1 m bar) (4 pcs pack) | Anodised aluminium cover profile (6.1 m bar) (4 pcs pack) | Cover fixing accessories A1400 H100 (4 pcs pack) | Pair of side panels A1400 AIR-T (4 pcs pack) |
| 105431 | 105430 | 105028 | 105030 |

NOTE

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ACCESSORIES FOR AUTOMATED SYSTEM



XB LOCK Bi-stable
motor lock A100 w/
knob (4 pcs pack)
Not for RDF version

105502



KIT XM LOCK
Monostable motor lock
A1400 (4 pcs pack)
Not for RDF version

105056



Release cable and
sheath
(only for external
installation)

105326

>>



Motor block and leaf position supervision

105125 1-3 pcs
105125 >4 pcs



Emergency batteries for E1SL

105504 1-3 pcs
105504 >4 pcs



XFA button photocell

105127 1-9 pcs
105127 >10 pcs

ACCESSORIES FOR AIR SEALING



Natural aluminium
closing profile
(3m bar) (4 pcs pack)

105319



Anodised aluminium
closing profile
(3m bar) (4 pcs pack)

105320



Lower guide profile
brush H=19
(1,5 m bar) (8 pcs pack)

105346



Lower guide profile
(3m bar)
(4 pcs pack)

105380



Lower guide profile
brush H=19
(1,5 m bar) (8 pcs pack)

105346



Lower guide profile
brush H=25
(1,5 m bar) (8 pcs pack)

105345

>>



Swivel sliding block
(the lower guide profile
is necessary)
(8 pcs pack)

105078



Pair of lower sliding
blocks with bracket
(the lower guide profile
is necessary) (4 pcs)

105487

FUNCTION KEYPADS/SELECTORS



SDK EVO function keypad

790019 1-3 pcs
790019 >4 pcs



LK EVO Function Selector

790024 1-3 pcs
790024 >4 pcs



Key function selector KS EVO

790942

ACCESSORIES FOR CRYSTAL LEAVES



Side profile (8 pcs)
Clamping profile (4 pcs
pack) glass 12 mm
3 m bars

105412



Side profile (8 pcs)
Clamping profile (4 pcs
pack) glass 10 mm
3 m bars

105402



Rubber seal
(12,5x2 m pack)

105403



Fixing plate
(24 pcs pack)

105404



Terminal side panel
(16 pcs pack)

105405



Pair of lower sliding
blocks
(length 120 mm each)
glass 10 mm
(10 pcs pack)

105406

>>



Pair of lower sliding
blocks
(length 120 mm each)
glass 12 mm
(10 pcs pack)

105413

COMPONENTS FOR PLIERS FOR 2 CRYSTAL LEAVES WITH LENGTH 1.5 M

| Q.ty | Description | Item code |
|------|---------------------|-----------|
| 2 | Side profile | 105402 |
| 1 | Clamping profile | 105403 |
| 6 m | Rubber seal | 105404 |
| 6 | Fixing plate | 105405 |
| 4 | Terminal side panel | 105406 |

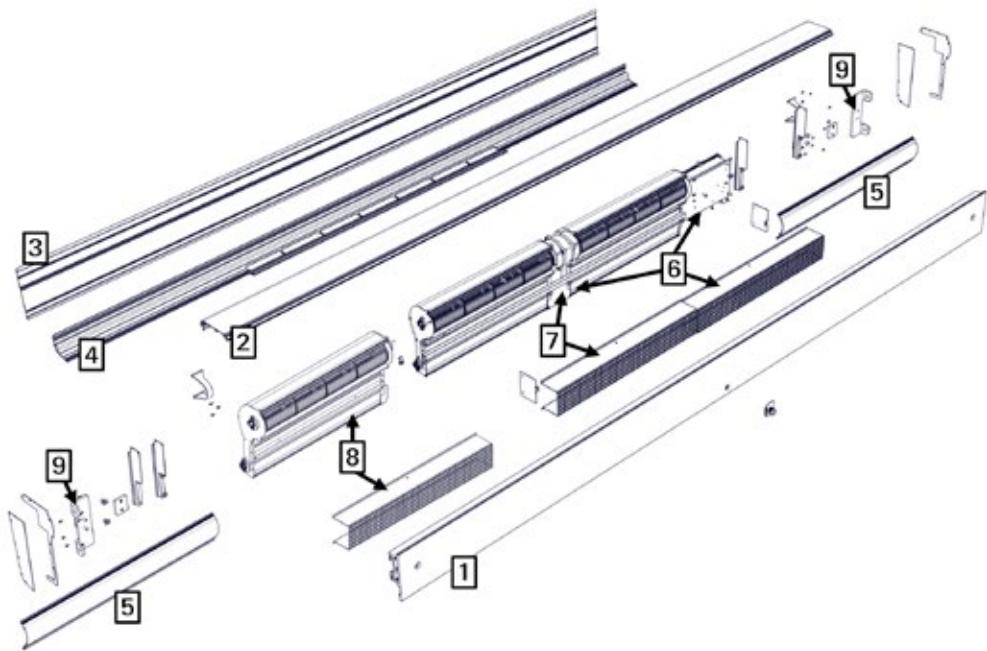
NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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KIT SOLUTIONS FOR SLIDING DOORS

AIRSLIDE

Sliding door with integrated air curtain



List of components necessary for one AIRSLIDE KIT

| AIRSLIDE MODEL IN KIT | Ref. Drawing | Description | Item code | Packing Unit |
|-----------------------|--------------|------------------------------------|-----------|--------------|
| | 1 | Supporting profile - 6,1 m bar | 105062 | 4pcs |
| | 2 | Upper profile - 6,1 m bar | 105063 | 4pcs |
| | 3 | Straight profile - 6,1 m bar | 105064 | 4pcs |
| | 4 | Bow profile - 6,1 m bar | 105065 | 4pcs |
| | 5 | Internal closure profile 6,1 m bar | 105066 | 4pcs |
| | 6 | Master ventilation group L. 1,1 m | 105067 | 1 pc |
| | 7 | Slave ventilation group L. 1,1 m | 105068 | 1 pc |
| | 8 | Additional fan group L. 0,5 m | 105069 | 1 pc |
| | 8 | Additional fan group L. 0,36 m | 105070 | 1 pc |
| | 6 | Master ventilation group L. 0,8 m | 105071 | 1 pc |
| | 7 | Slave ventilation group L. 0,8 m | 105072 | 1 pc |
| | 9 | Wall fixing plate | 105527 | 4pcs |
| | | | | |

NOTE

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MOTOR FAN GROUP AND SINGLE FAN COMPOSITION

Below are reported different combinations that can be obtained using different motor fan units and single fans, depending on passage width dimension:

| Description | Item code | Composition |
|-------------------------------|-----------|--|
| Master motor-fan group L=1100 | 105067 | AIRSLIDE motor, two 500mm fans, air intake E1AS board |
| Slave motor-fan group L=1100 | 105068 | AIRSLIDE motor, two 500mm fans, air intake |
| Additional fan L=500 | 105069 | single 500mm fan, air intake |
| Master motor-fan group L=800 | 105071 | AIRSLIDE motor, two 360mm fans, air intake, E1AS board |
| Slave motor-fan group L=800 | 105072 | AIRSLIDE motor, two 360mm fans, air intake |
| Additional fan L=360 | 105070 | Single 360mm fan, air intake |

| Passage width (mm) | | | |
|--------------------|------|--------|--------|
| FROM | TO | | |
| 800 | 1100 | 105071 | |
| 1101 | 1300 | 105067 | |
| 1301 | 1450 | 105071 | 105069 |
| 1451 | 1600 | 105067 | 105070 |
| 1601 | 1900 | 105067 | 105069 |
| 1901 | 2200 | 105067 | 105072 |
| 2201 | 2400 | 105067 | 105068 |

SENSORS, RADARS AND ACCESSORIES IN KIT SUPPLY FOR SLIDING DOORS

ACCESSORIES



MINISWITCH GLS photocell ♦

| | |
|--------|---------|
| 105209 | 1-9 pcs |
| 105209 | >10 pcs |



Pair of recessed front panels for MINISWITCH GLS in black plastic

| | |
|--------|---------|
| 105211 | 1-9 pcs |
| 105211 | >10 pcs |



XFA button photocell

| | |
|--------|---------|
| 105127 | 1-9 pcs |
| 105127 | >10 pcs |



Active threshold safety infrared, microwave, double technology sensor XV1

| | |
|--------|----------|
| 105108 | 1-11 pcs |
| 105108 | >12 pcs |



XV1-CA false ceiling recessed support (only for XV1 sensors)

| | |
|--------|----------|
| 105136 | 1-11 pcs |
| 105136 | >12 pcs |



XDT3 one-directional radar + escape route infrared safety

| | |
|--------|----------|
| 105104 | 1-11 pcs |
| 105104 | >12 pcs |



Active threshold safety infrared, microwave, double technology sensor XDT1

| | |
|--------|----------|
| 105114 | 1-11 pcs |
| 105114 | >12 pcs |



XDT-CA false ceiling recessed support (only for XDT1, XDT3)

| | |
|--------|----------|
| 105107 | 1-11 pcs |
| 105107 | >12 pcs |



XDT-BA mounting bracket - (only for XDT1, XDT3, XV1 sensors)

| | |
|--------|----------|
| 105106 | 1-11 pcs |
| 105106 | >12 pcs |



XDT-RA rain protection (only for XDT1, XDT3, XV1 and XBFA ON/ST)

| | |
|--------|----------|
| 105137 | 1-11 pcs |
| 105137 | >12 pcs |



XBFRM1 one-directional microwave radar

| | |
|--------|----------|
| 105091 | 1-11 pcs |
| 105091 | >12 pcs |



XBA1 mounting bracket (only for XBFRM1)

| | |
|--------|----------|
| 105092 | 1-11 pcs |
| 105092 | >12 pcs |



XRA1 rain protection (only for XBFRM1)

| | |
|--------|----------|
| 105093 | 1-11 pcs |
| 105093 | >12 pcs |



XM100 ONE compact one-directional microwave radar

| | |
|--------|----------|
| 105129 | 1-11 pcs |
| 105129 | >12 pcs |



XMRA rain protection (only for XM100 ONE)

| | |
|--------|----------|
| 105086 | 1-11 pcs |
| 105086 | >12 pcs |

NOTE

♦ Note: photocells are auxiliary safety devices. For the correct use in countries where Standard EN 16005 is applied, refer to the Standard itself.



XBFA ST Active infrared sensor

| | |
|--------|----------|
| 105132 | 1-11 pcs |
| 105132 | >12 pcs |



**Active movement or presence infrared sensor
XBFA ON**

| | |
|--------|----------|
| 105090 | 1-11 pcs |
| 105090 | >12 pcs |



**X1S-SMA Mounting bracket for X1S
(only for X1S)**

| | |
|--------|----------|
| 105119 | 1-11 pcs |
| 105119 | >12 pcs |



X1S 1-spot infrared sensor

| | |
|--------|----------|
| 105118 | 1-11 pcs |
| 105118 | >12 pcs |



XMS CH touchless sensor

| | |
|--------|----------|
| 105930 | 1-11 pcs |
| 105930 | >12 pcs |



XMS CH IN touchless sensor

| | |
|--------|----------|
| 105938 | 1-11 pcs |
| 105938 | >12 pcs |



XMS CHA touchless sensor

| | |
|--------|----------|
| 105931 | 1-11 pcs |
| 105931 | >12 pcs |



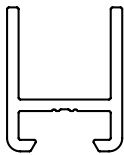
XMS CHA IN touchless sensor

| | |
|--------|----------|
| 105939 | 1-11 pcs |
| 105939 | >12 pcs |

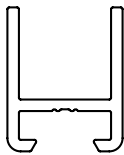
KIT SUPPLY FOR 20 MM AUTOMATIC DOORS PROFILES

TK20

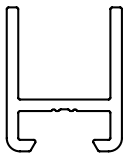
PROFILES AND ACCESSORIES



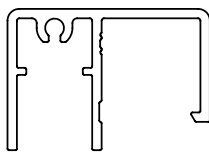
Vertical profile for mobile leaf, slotted and perforated at the two ends L=5100 mm (8 pcs pack)
105801



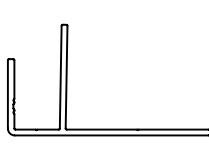
Vertical profile for fixed leaf, slotted and perforated at the two ends L=5100 mm (8 pcs pack)
105802



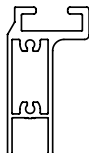
Leaf profile (without processing) L=5200 mm (8 pcs pack)
105800



Vertical seal profile for fixed leaf and photocells L=5200 mm (4 pcs pack)
105803



Vertical seal profile for fixed leaf and photocells L=5200 mm (4 pcs pack)
105804

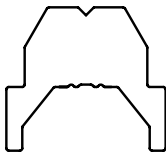


Upper head section L=5200 mm (4 pcs pack)
105805

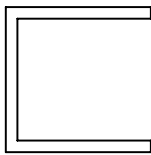
>>



Lower head section L=5200 mm (4 pcs pack)
105806



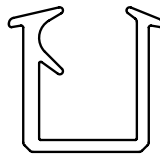
Lower head section attachment profile L=5200 mm (4 pcs pack)
105807



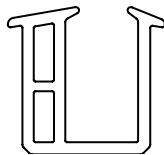
Fixed leaf wall fixing frame L=6100 mm (4 pcs pack)
105808



Vertical profile single leaf stop L=5200 mm (4 pcs pack)
105809

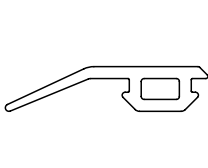


10 mm glass seals (5+5) 50 m coil
105810

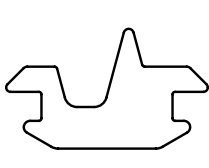


8 mm glass seals (4+4) 50 m coil
105811

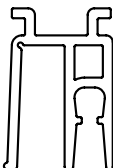
>>



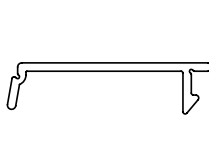
Side seals 80 m coil
105812



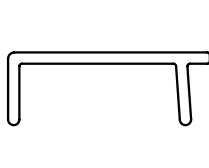
Central seals 100 m coil
105813



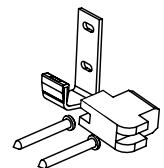
Lower guide plastic profile for mobile leaf L=5100 mm (10 pcs pack)
105814



Closing plastic profile for fixed leaf profile (cod. 105803) L=5100 mm (20 pcs pack)
105815

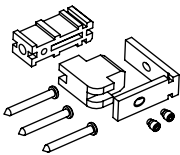


Closing plastic profile for wall photocell holder profile (cod. 105804) L=5100 mm (20 pcs pack)
105816



Accessory kit for mobile leaf comprising 1 floor guide, 4 blocks, 8 fixing screws (4 pcs pack)
105817

>>



Fixed leaf accessory kit comprising 2 miter squares, 2 blocks, 5 dowels, 3 screws (4 pcs pack)
105818



Lower guide profile brush H=19 (1,5 m bar) (8 pcs pack)
105346

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
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The TK20 Profiles are supplied in silver anodized aluminum bars.

KIT SUPPLY FOR 35 MM AUTOMATIC DOORS PROFILES

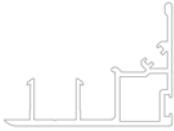
TK35

PROFILES AND ACCESSORIES



TK35 big leaf profile
L=5500 NATURAL
(6 pcs package)

105887



TK35 big closure profile
L=5500 NATURAL
(4 pcs pack)

105888



Small leaf profile TK35
L=5500 NATURAL
(4 pcs pack)

105891



Small labyrinth profile
TK35 L=5500 NATURAL
(6 pcs package)

105893



TK35 Sliding block
profile L=5500
NATURAL
(8 pcs pack)

105889



TK35 joint profile
L=5500 NATURAL
(4 pcs pack)

105892

>>



Brush 2,5 x 2,5 x 15
(1,5 m bar)
(8 pcs pack)

105058



Soft Brush 2,9 x 2,9 x 11
(50 m. Pack.) Price per
meter

1059211



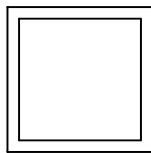
Leaf connection brush
6,9 x 11 mm
(50 m. Pack.) Price per
meter

1059021



"U" Profile GRZ 40x20x2
mm
L=6500 mm
(6 pcs package)

105437



Tubular profile GRZ
15x15x1,5
L=6500 mm
(8 pcs pack)

105438



TK35 double galzing
gasket
(50 m. Pack.) Price per
meter

105896

>>



TK35 single glass
gasket
(40 m. pack) price per
meter

105897



TK35 lateral closure
gasket
(70 m. pack) price per
meter

105908



TK35 mobile leaf
accessories kit
(1 pc. package)

105518



TK35 fixed leafa
ccessories kit
(1 pc. package)

105519



TK35 hook lock kit

105587



TK35 pin lock kit

105588

>>



TK35 blind cylinder kit

105589



TK35 cylinder with
lock bolt

105590

NOTE

ATTENTION: in this price list, the item code and the relevant price refer to the individual piece.
It is understood that the orders must comply with the quantities indicated in the packs and orders of individual pieces will not be accepted.

The TK35 profiles are supplied in natural aluminum bars.

AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

AIRSLIDE
SF1400
SKR35
FHE Series

AIRSLIDE

Sliding door with integrated air curtain

PATENTED



Passage opening

2,500 - 4,800 mm



- Sliding door with integrated air curtain
- Suitable for areas open to the public such as shops, supermarkets, offices, banks, hospitals, airports and railway stations.
- Possibility of adding an integrated automatically resetting anti-panic breakout system in compliance with European Standard EN 16005.
- By combining the door with FAAC SERIES A1400 AIR automated system, thanks to its innovative 'Energy Saving' device, it identifies the walking path and perfectly optimises opening/closing times thus avoiding unnecessary air dispersal, even in the event of cross traffic.
- PRODUCT FEATURES: energy efficiency up to 62%, air quality up to 62%, improved environmental comfort up to 48%



TECHNICAL SPECIFICATIONS

| Model | AIRSLIDE |
|--|---|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max absorbed power | 160 W (single motor) - 330 W (double motor) |
| Use frequency | 100% |
| Electric motor | Single-phase asynchronous motor |
| Motor rotation speed | 2850 rpm |
| Fan diameter | 80 mm |
| Fans' length | 360 mm - 500 mm |
| Transom dimension (DxH) | 182,1x 252,5 mm (GRILL INCLUDED) |
| Speed of air exiting the grids (0÷2,8 m) | 15,3 - 3,7 (m/s) |
| Airflow capacity (m3/h) | 1250 |
| Sound level (dB) at 5 m | 49,5 - 57,5 |
| Operating ambient temperature | - 20° C / + 55° C |
| Protection class | IP23 (AIRSLIDE) – IP54 (E1AS control board) |

AIRSLIDE must always be used with a FAAC automated system

FAMILY MODELS

| Item code | Model | Leaves | Wall recess width (mm) | Free passage width (mm) | Wall recess height (mm) | Passage height (mm) | APN + reset |
|-----------|--------------|---------------------------|------------------------|-------------------------|-------------------------|---------------------|----------------|
| 1055661 | AIRSLIDE 2+2 | 2 mobile and 2 semi-fixed | 1700 ÷ 4800 | 800 ÷ 2400 | 2154 ÷ 2754 | 2000 ÷ 2800 | yes (optional) |
| | AIRSLIDE 1+1 | 1 mobile and 1 semi-fixed | 1700 ÷ 4800 | 800 ÷ 2400 | 1900 ÷ 2754 | 2000 ÷ 2800 | yes (optional) |

Contact the FAAC area sales person to get the price offer.

THE COMPLETE AIRSLIDE SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

AIR SLIDE

- New design to facilitate installation of sensors on the external side.
- Compact dimensions at 182 X 252 mm.
- External casing that can be opened for inspection and maintenance, which is self-sustained with special accessories to prevent it from falling to the ground.
- Motorized fan unit specifically designed to facilitate disassembly for maintenance.
- Air curtain barrier inside the casing, which consists of a single-phase motor with sufficient power of 230V~/50Hz, including a fan unit with tangential fans in various combinations.
- Absorption of the air inside the building and forced expulsion to the outside.
- Automatic operation upon detection of the door opening pulse, and rest function (off).

SUPPORTING STRUCTURES

- Complete automatic door consisting of a sturdy self-supporting extruded aluminium structure.
- Crossbar with built-in air curtain made of extruded aluminum profiles.
- Pre-assembled system with perimeter frame complete with supporting head section, side pillars and accessories.
- Stainless steel suction unit.

LEAVES

- Automatic sliding door made of extruded aluminum profiles in 6060 UNI 9006 alloy with rounded edges, equipped with radial vertical glazing beads, gaskets, brushes, movement and assembly accessories.
- Lower sliding guides to attach the doors to the floor.
- Structure and leaf finish with oxidation or painting with RAL colours.
- Option to mount transparent laminated glazing or transparent laminated double glazing.
- Option to mount a mechanical lock on the movable doors.

AIRSLIDE ACCESSORIES

- Option of break-through sliding doors with and without automatic reset and lateral semi-fixation with internal hinges that are invisible on the profile, equipped with magnetic devices that guarantee an adjustable release force that does not exceed 220 N, as required by the European Standard EN 16005
- Option to mount a mechanical lock with three locking points, with a push cylinder and keys

E1AS CONTROL BOARD

- 4 programmable speed levels with dipswitch (overridden by the CANBUS if present),
- CANBUS connection for fan speed management through SDK EVO (790019) and direct

management of AIRSLIDE from FAAC E1SL control board,

- Management of up to 2 motor-fan groups (MASTER-SLAVE) at the same time for passage width up to 2400mm,
- Removable terminal blocks for 230Vac power supply, inputs, motors,
- Main power supply and accessories fuse,
 - USB port for firmware updates,
 - Motor test button to operate the motor during start up or maintenance without having to change wiring or special programming.

RAPPORTO DI PROVA N. 346389

TEST REPORT No. 346389

Luogo e data di emissione: Bellaria-Igea Marina - Italia, 31/10/2017

Place and date of issue:

Committente: FAAC S.p.A. - Via Monaldo Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italia

Customer:

Data della richiesta della prova: 11/09/2017

Date testing requested:

Numero e data della commessa: 74266, 11/09/2017

Order number and date:

Data del ricevimento del campione: 21/09/2017

Date sample received:

Data dell'esecuzione della prova: 03/10/2017

Date of testing:

Oggetto della prova: determinazione in camera riverberante dei livelli di potenza sonora di ingresso automatico con lama d'aria integrata secondo le norme ISO 27327-2:2014 e UNI EN ISO 3741:2010

Purpose of testing:

determination in reverberation room of the sound power levels of automatic entrance with integrated air curtain unit in accordance with standards ISO 27327-2:2014 and UNI EN ISO 3741:2010

Luogo della prova: Istituto Giordano S.p.A. - Strada Erbosa Uno, 78 - 47043 Gatteo (FC) - Italia

Place of testing:

Provenienza del campione: campionato e fornito dal Committente

Origin of sample:

sampled and supplied by the Customer

Identificazione del campione in accettazione: 2017/2135

Identification of sample received:

Denominazione del campione*.

Sample name*.

Il campione sottoposto a prova è denominato "AIRSLIDE".

The test sample is called "AIRSLIDE".

(*) secondo le dichiarazioni del Committente.
according to information supplied by the Customer.

Comp. AV
Revis. RB

Il presente rapporto di prova è composto da n. 19 fogli, n. 2 allegati ed è emesso in formato bilingue (italiano e inglese);
in caso di dubbio, è valida la versione in lingua italiana.
*This test report is made up of 19 sheets, 2 annexes and it is issued in a bilingual format (Italian and English);
in case of dispute the only valid version is the Italian one.*

Foglio / Sheet
1 / 19

CLAUSOLE: il presente documento si riferisce solamente al campione o materiale sottoposto a prova e non può essere riprodotto parzialmente, salvo approvazione scritta dell'Istituto Giordano.
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TEST REPORT No. 358228

Customer

FAAC S.p.A.

Via Monaldo Calari, 10 - 40069 ZOLA PEDROSA (BO) - Italy

Item*

**power operated pedestrian doorset
called "APN2+2 with AIRSLIDE system"**

Activity



**verification of the break-out force in accordance with
standard UNI EN 16005:2012-AC:2015**

Results

compliant

Order No.:

78398

Item origin:

sampled and supplied by the customer

Activity date:

28 January 2019

Activity venue:

FAAC S.p.A. - Via Monaldo Calari, 10 - 40069 Zola
Pedrosa (BO) - Italy

Contents

| | Page |
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| Description of item* | 2 |
| Normative references | 6 |
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| Environmental conditions | 6 |
| Results | 7 |
| Conclusions | 9 |

This document is made up of 9 pages and shall not be reproduced except in full without extrapolating parts of interest at the discretion of the customer, with the risk of favoring an incorrect interpretation of the results, except as defined at contractual level.

The results relate only to the item examined, as received, and are valid only in the conditions in which the activity was carried out.

This document is the English translation of the test report No. 358228 dated 31 January 2019 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 20 February 2019.

The original of this document consists of an electronic document digitally signed pursuant to the applicable Italian Legislation.

Chief Test Technician:

Dott. Giacomo Rito

Head of Security and Safety Laboratory:

Dott. Andrea Bruschi

Author: Agostino Vasini

Reviewer: Dott. Andrea Bruschi

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(*) according to that stated by the customer.

Bellaria-Igea Marina - Italy, 31 January 2019

Chief Executive Officer

AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

SF1400

Typical Installation Examples page. 216

AUTOMATED SYSTEMS FOR SPECIAL ENTRANCES

SF1400

Typical Installation Examples page. 216

SF1400

Automatic folding door



Passage opening

845 - 1.970 mm



- FAAC SF1400 SERIES automated systems are particularly suitable in environments with limited space where it is not possible to install a normal sliding door and where an escape route is needed in compliance with European Standard EN16005.
- Dual motor option to increase the thrust of the door when opening and to counter wind force or to allow locking of the doors when closing in windy areas.
- The range consists of different models which feature actuation of single or double foldable leaves, with or without mechanical breakthrough system.
- Automatic realignment of the door during movement in case of an abnormal stop or accidental impact.



TECHNICAL SPECIFICATIONS

| Model | SF1400 |
|--|---|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max. power | 140 W |
| standby power | 3 W |
| Use frequency | 100% |
| Electric motor | Motor powered at 36 V --- with encoder |
| Max. accessories load | 1A - 24 --- |
| Type of traction | By means of an electro-conductive toothed belt |
| Opening leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Closing leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Partial opening adjustment | 10% - 90% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 13489-1 PI "c"; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3 |
| Glass thickness | double laminated glass 33-15-33 mm |
| Profile type | 30 mm aluminium profiles |
| Escape route (EN 16005) | with mechanical breakthrough |

FAMILY MODELS

| Item code | Model | Leaves | Wall recess width (mm) | Free passage width (mm) | Wall recess height (mm) | Passage height (mm) | ANTI-PANIC APN und DOUBLE MOTOR |
|-----------|----------|-----------------|------------------------|-------------------------|-------------------------|---------------------|---------------------------------|
| 105436CS | SF1400 1 | single foldable | 1100 ÷ 1300 | 845 ÷ 1045 | 2200 ÷ 2600 | 2000 ÷ 2400 | yes |
| | SF1400 2 | double foldable | 1600 ÷ 2340 | 1230 ÷ 1970 | 2200 ÷ 2600 | 2000 ÷ 2400 | yes |

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SF1400 SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

SUPPORTING STRUCTURES

- Supporting structure that can be disassembled to facilitate transport

LEAVES

- The leaves are made with rounded aluminium profiles with reduced section, guaranteeing brightness and accident prevention safety.
- They are equipped with insulating glasses 33-15-33
- Lack of visible hinges and movement with the help of roller bearings.
- Anti-panic breakout opening system suitable for escape routes with adjustable magnetic leaf attachment.
- Structure and leaf finish with oxidation or painting with RAL colours

FRONT COVER

- Available in natural and anodized aluminum, with a height of 158 mm.

DRIVE UNIT

COMPLETE WITH:

- Movement of the doors by means of a special linkage with a belt transmission for optimization of speed and smoothness.
- Main gearmotor powered at 36 Vdc with optical encoder
- Microprocessor control unit E1SL with specific firmware.
- Electro-conductive transmission belt.
- Power supply unit with switching power supply with low energy consumption (GREENTECH).

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
 - Definition of open and closed positions
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function

- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC programming of:
 - number of leaves
 - pause time
 - energy saving
 - night pause
 - opening and closing speed
 - opening and closing thrust force
 - thrust force time
 - interior/exterior detector programming
 - emergency configuration
- 3 buttons for ADVANCED programming of:
 - monitored protection sensor management
 - input configuration
 - pharmacy function
 - motor block
 - motoring on motor lock
 - night function input delay
 - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

SKR35

Anti-vandalism sliding door



- Pedestrian automatic entrance designed and certified according to safety features of burglar resistance class RC3 according to the European Standard EN 1627
- The RC3 certification in compliance with EU standard EN 1627 grants a high security level against break-in attempts made by professional thieves using manual devices such as screwdrivers, tongs and crowbars.
- Protection of shop and supermarket entrances, sensitive places where there's no need to install external protection shutters
- It permits complete visibility to the outside which is useful both for checking the inside and for displaying the products.



EN1627

EN16005



SKR35 must always be used together with a FAAC automatic door.

FAMILY MODELS

| Item code | Model | Leaves | Wall recess width (mm) | Free passage width (mm) | Wall recess height (mm) | Passage height (mm) |
|-----------|-----------|----------------------|------------------------|-------------------------|-------------------------|---------------------|
| 105573 | SKR35 1 | 1 moving | 900÷1200 | 850÷1150 | 2285÷2500 | 2100÷2315 |
| | SKR35 1+1 | 1 mobile and 1 fixed | 2000÷2500 | 900÷1150 | 2285÷2500 | 2100÷2315 |
| | SKR35 2 | 2 moving | 1200÷1800 | 1100÷1700 | 2285÷2500 | 2100÷2315 |
| | SKR35 2+2 | 2 mobile and 2 fixed | 2500÷5000 | 1150÷2400 | 2285÷2500 | 2100÷2315 |

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SKR35 SPECIAL ENTRANCE INCLUDES THE FOLLOWING COMPONENTS:

SUPPORTING STRUCTURES

- Complete automatic door consisting of a sturdy self-supporting extruded aluminium structure.
- Reinforced 35mm aluminium profiles suitable for assembly of automatic entrances with both fixed and mobile leaves equipped with P5A certified glass.
- Pre-assembled system with perimeter frame complete with supporting head section, side pillars and accessories.

LEAVES

- Recess floor guide with continuous floor sliding block fitted the full length of the door leaf;
- Structure and leaf finish with oxidation or painting with RAL colours;
- P5A certified safety glass in the following dimensions: 44/6-12-33/2
- N.1 three-point safety mechanical lock installed in the central panels and accessible both from inside and outside of the property
- Junction between mobile and fixed leaves through dedicated aluminium profiles equipped with anti-lifting system;
- Thermal and acoustic seals thanks to lateral brushes.

TEST REPORT No. 328490

Place and date of issue: Bellaria-Igea Marina - Italy, 20/10/2015

Customer: FAAC S.p.A. - Via Calari, 10 - 40069 ZOLA PREDOSA (BO) - Italy

Date test requested: 12/05/2015

Order number and date: 66562, 15/05/2015

Date specimen received: from 18/04/2015 to 08/07/2015

Test date: from 18/04/2015 to 08/07/2015

Purpose of test: burglar resistance and classification (resistance under static loading, resistance under dynamic loading and resistance to manual burglary) of an automatic door-set with two sliding leaves and two fixed leaves in accordance with standards UNI EN 1627:2011, UNI EN 1628:2011, UNI EN1629:2011 and UNI EN 1630:2011

Test site: Istituto Giordano S.p.A. - Via Erbosa, 72 - 47043 Gatteo (FC) - Italy

Specimen origin: sampled and supplied by the Customer

Identification of specimen received: Nos. 2015/1772 and 2015/1773

Specimen name*

The test specimen is called "INGRESSO AUTOMATICO FAAC SKR35" ("FAAC SKR35 AUTOMATIC ENTRANCE DOOR").

(*) according to that stated by the Customer.



LAB N° 0021

Comp. AV
Revis. RP

This test report consists of 16 sheets.
This document is the English translation of the test report No. 328490 dated 20/10/2015 issued in Italian; in case of dispute the only valid version is the Italian one. Date of translation: 30/12/2015.

Sheet
1 of 16

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SLIDING ENTRANCES FOR STERILE ENVIRONMENT

FHE Series

FHE Sliding

Sliding entrance for sterile environment



Opening

Automatic or Manual

Leaf

Single or double with
seal or hermetic seal
option



- The FAAC FHE Series automatic entrances are designed for hospital applications and for bacterial contamination controlled environments in accordance with the European Regulation EN16005.
- The range is made up of various hermetically sealed models available with few surface finishing treatments like aluminium and Stainless Steel.
- A wide range of accessories complete the offer such as lead panels, vision panels and safety sensors.



TECHNICAL SPECIFICATIONS

| Model | FHE Sliding |
|--|---|
| Power supply voltage | 220-240V ~ – 50/60 Hz |
| Max. power | 140 W |
| standby power | 3 W |
| Use frequency | 100% |
| Max leaf width | 65 mm |
| Electric motor | Motor powered at 36 V with encoder |
| Auxiliary motor | Motor powered at 36 V |
| Max. accessories load | 1A - 24 V |
| Type of traction | By means of an electro-conductive toothed belt |
| Opening leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Closing leaf time | 10 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (two leaves) |
| Partial opening adjustment | 5% - 95% of total opening |
| Pause time | 0 - 30 s or Energy Saving function |
| Night pause time | 0 - 240 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 13489-1 Pl "c" CAT.2; EN 13489-2; EN 60335-1; EN 60335-2; EN ISO 12100; EN 61000-6-2; EN 61000-6-3 |

FAMILY MODELS

| Item code | Model | Leaves | Free passage width (mm) | Passage height (mm) |
|-----------|---|-----------------|-------------------------|---------------------|
| 105141 | FHE-SSA Airtight automatic sliding door | single / double | 800 ÷ 2000 | 2000 ÷ 2500 |
| 105142 | FHE-SSM Airtight manual sliding door | single / double | 800 ÷ 2000 | 2000 ÷ 2500 |
| 105143 | FHE-SHA Airtight automatic sliding door | single | 800 ÷ 2000 | 2000 ÷ 2150 |
| 105144 | FHE-SHM Airtight manual sliding door | double | 800 ÷ 2000 | 2000 ÷ 2150 |

THE COMPLETE SPECIAL ENTRANCE FHE INCLUDES THE FOLLOWING COMPONENTS:

DOOR FRAME

- The door frame, which is adjustable on three sides, consists of two elements, the frame profile and the subframe profile made of extruded aluminium and/or wide radius shaped stainless steel.
- Inside the frame profile there are special grooves designed to house the friction seal that joins it to the subframe profile.
- The frame profile also has a special internal groove used for fastening it.
- The groove is closed by a joint seal that is flush with the frame profile.
- By using different extension elements made of extruded aluminium, the door frame can be used on walls of various thickness.

FRONT COVER

- Protective housing and cover for the sliding mechanism in shaped extruded aluminium with wide radius corners and free from sharp edges and protrusions for easy cleaning.
- The housing profile contains a groove designed to receive the seal that completely closes its lower side in correspondence with top profile of the leaf
- The ends of the housing profile are closed with end caps having the same curvature as the profile.
- The housing profile allows easy maintenance that can be carried out by a single operator

SUPPORTING PROFILE

- In extruded anodized aluminium, slotted for height and width adjustment
- Dimensions (height x width)

100/140 x 166 mm

- Sliding track integrated in profile

LEAVES

- Leaf made of extruded aluminium and/or wide radius shaped stainless steel.
- The top profile of the leaf is specially shaped to allow the carriage unit to be installed directly, without having to use an adapter profile.
- A special extruded non-toxic silicone seal is installed on the vertical profiles and the upper profile of the leaf.
- A special two-component seal with a lip facing the frame profile side is fitted into a special groove on the bottom profile of the leaf.

DRIVE UNIT

COMPLETE WITH:

- Main gearmotor powered at 36 V with optical encoder
- Auxiliary gearmotor powered at 36 V with belt tensioning adjustment (in the double motor version)
- E1400 microprocessor control unit with safety control
- Electro-conductive transmission belt 12 mm
- 2 carriages (1 mobile leaf version) or 4 carriages (2 leaf version)
- Power supply unit with switching power supply with low energy consumption (GREENtech)

CARRIAGES

- Galvanised steel structure
- 2 sliding wheels in synthetic material on bearing
- Nylon counterthrust roller on bearing
- Height adjustment ± 7.5 mm via screw
- Lateral adjustments ± 10 mm
- Extruded aluminium leaf

connection profile or spacers

- Brush for sliding track cleaning

E1SL CONTROL UNIT

- E1SL Control Unit - the same as is used on the A1000 and A1400 with characteristics that comply with the safety requirements of European standard EN 16005
- 230 V~ switching power supply unit
- Specific, coloured and removable terminal boards
- Programming of basic functions: automatic, night, door open, one-directional, partial, manual
- Automatic adjustments
 - Definition of open and closed positions
 - Selection of optimal speed, acceleration and deceleration
 - Sensor monitoring in compliance with EN 16005
 - Anti-crushing safety device in compliance with EN 16005
 - Possibility of adjusting speed and SET UP execution directly on the board (without the aid of external programmers)
- RESET function
- 2 configurable output contacts
- N. 4 configurable input contacts
- 2 configurable emergency input contacts
- N. 2 programmable monitored safety sensor inputs EN16005
- Interlock function
- 'Gong' function
- 'Courtesy lights' function
- Immediate closing' function
- LCD display to view the door statuses, the fault diagnostics and programming
- 3 buttons for BASIC

programming of:

- number of leaves
- pause time
- energy saving
- night pause
- opening and closing speed
- opening and closing thrust force
- thrust force time
- interior/exterior detector programming
- emergency configuration
- 3 buttons for ADVANCED programming of:
 - monitored protection sensor management
 - input configuration
 - pharmacy function
 - motor block
 - motoring on motor lock
 - night function input delay
 - output configuration
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive

FHE Swing

Swing entrance for sterile environment



Opening

Automatic or Manual

Leaf

Single or double with
seal or hermetic seal
option



- The FAAC FHE Series automatic entrances are designed for hospital applications and for bacterial contamination controlled environments in accordance with the European Regulation EN16005.
- The range is made up of various hermetically sealed models available with few surface finishing treatments like aluminium and Stainless Steel.
- A wide range of accessories complete the offer such as lead panels, vision panels and safety sensors.



EN16005



TECHNICAL SPECIFICATIONS

| Model | FHE Swing |
|---|--|
| Power supply voltage | 220-240 V~ - 50/60 Hz |
| Max. power | 100 W |
| standby power | 3 W |
| Use frequency | 100% |
| Electric lock power supply voltage | (N.O./N.C.) 24 V / 500 mA max. |
| Electric motor | Motor powered at 24V |
| Max. accessories load | 1A - 24 V |
| Dimensions (LxDxH) | 530x105x160 mm (length x height x depth) |
| Weight | 10 kg |
| Operation in case of power cut | Manual push/pull opening - Spring closing |
| Max. leaf opening angle | 100° ÷ 125° |
| Opening leaf time | 4 - 10 s (adjustable) |
| Closing leaf time | 11 ÷ 60 cm/s (1 leaf) - 20 ÷ 120 cm/s (2 leaves) |
| Partial opening adjustment | 10% - 90% of total opening |
| Pause time | 0 - 30 s |
| Night pause time | 0 - 30 s |
| Encoder | As standard |
| Protection sensor monitoring (EN16005) | As standard (may be excluded) |
| Low energy movement (EN16005) | As standard (may be excluded) |
| Operating ambient temperature | -20°C ÷ +55°C |
| Protection class | IP 23 (for internal use only) |
| Compliance with regulations | EN 16005; EN 61000-6-2; EN 61000-6-3 |

FAMILY MODELS

| Item code | Model | Leaf | Free passage width (mm) | Passage height (mm) |
|-----------|--|-----------------|-------------------------|---------------------|
| 105145 | FHE-HSA Airtight automatic swing door | single / double | 800 ÷ 2500 | 2000 ÷ 2500 |
| 105146 | FHE-HSM Airtight manual swing door | single / double | 800 ÷ 2500 | 2000 ÷ 2500 |
| 105147 | FHE-HHA Airtight automatic swing door | single | 800 ÷ 1300 | 2000 ÷ 2500 |
| 105148 | FHE-HM Non Airtight manual swing door | single / double | 800 ÷ 2500 | 2000 ÷ 2500 |
| 105149 | FHE-HA Non Airtight automatic swing door | single / double | 800 ÷ 2500 | 2000 ÷ 2500 |

Contact the FAAC area sales person to get the price offer.

THE COMPLETE SPECIAL ENTRANCE FHE INCLUDES THE FOLLOWING COMPONENTS:

DOOR FRAME

- The door frame, which is adjustable on three sides, consists of two elements, the frame profile and the subframe profile made of extruded aluminium and/or wide radius shaped stainless steel.
- Inside the frame profile there are special grooves designed to house the friction seal that joins it to the subframe profile.
- The frame profile also has a special internal groove used for fastening it.
- The groove is closed by a joint seal that is flush with the frame profile.
- By using different extension elements made of extruded aluminium, the door frame can be used on walls of various thickness.

LEAVES

- Leaf made of extruded aluminium and/or wide radius shaped stainless steel.
- The FHE swing doors are fitted with concealed hinges that can be adjusted in all three dimensions to allow the leaf to adapt to all installation requirements.
- Designed with seals between the vertical sides and the upper horizontal edge of the frame and the leaf, integrated with a retractable drop-down floor sealing system (in the hermetically sealed versions)

DRIVE UNIT

COMPLETE WITH:

- FAAC electro-mechanical automated system for swing doors with direct current motor and return spring
- Protective cover in anodised aluminium-colour painted plastic material
- Activation arms in extruded aluminium
- Installation either on the architrave or on the door with outwards or inwards opening
- Manual operation in the event of power failure and spring closing

CONTROL UNITS

- Built-in microprocessor control unit with self-diagnosis and continuous monitoring of all door functions
- Anti-crushing protection active both during closing and opening through a high-precision magnetic encoder
- Integrated functions selector with the following operating logics: AUTOMATIC - MANUAL/NIGHT - OPEN
- Self-learning of 'open' and 'closed' door positions
- Selection of the type of arm to be used
- 'CLOSING STROKE' function to assure door closing even in the event of strong wind
- "Partial STOP safety" function that defines the opening safety detection space
- "PUSH and GO" function that controls the motorized opening with an initial manual

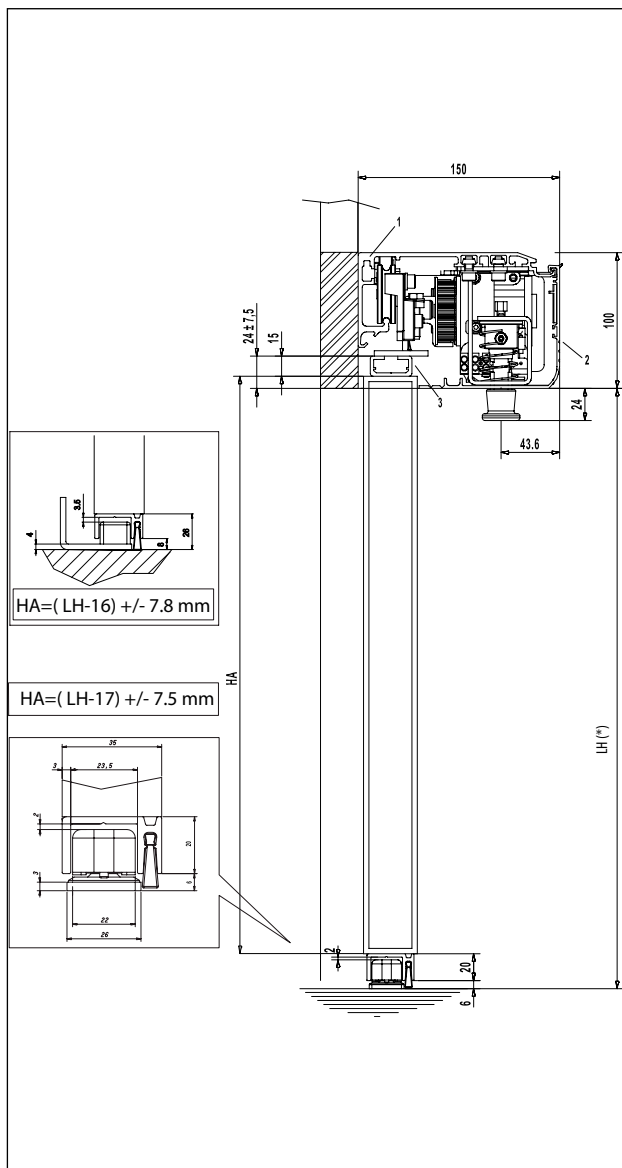
push of the door

- "SCP" function to increase the force in the final part of the closure
- In the "HOLD-CLOSE" function, the automation opposes any attempts to open the door due to gusts of air or manual pushing
 - KP EVO, LK EVO and KS EVO functions keyboard support
 - The use of KP EVO keyboard features the following functions:
 - Entry of access password for user and installer;
 - opening and closing speed adjustments;
 - Adjustment of opening and closing speed
 - Anti-crushing safety device adjustment
 - pause time adjustment;
 - Self-diagnosis;
 - weekly calendar management;
 - lock management;
 - I/O programming;
 - Maintenance cycle warning;
 - Performed cycle number displaying;
- MASTER-SLAVE version for double leaves doors;
- INTERLOCK function;
- INTERCOM function;
- Firmware update and download/upload of some information (configurations, timers, log files) through the USB drive;

TYPICAL INSTALLATION EXAMPLES

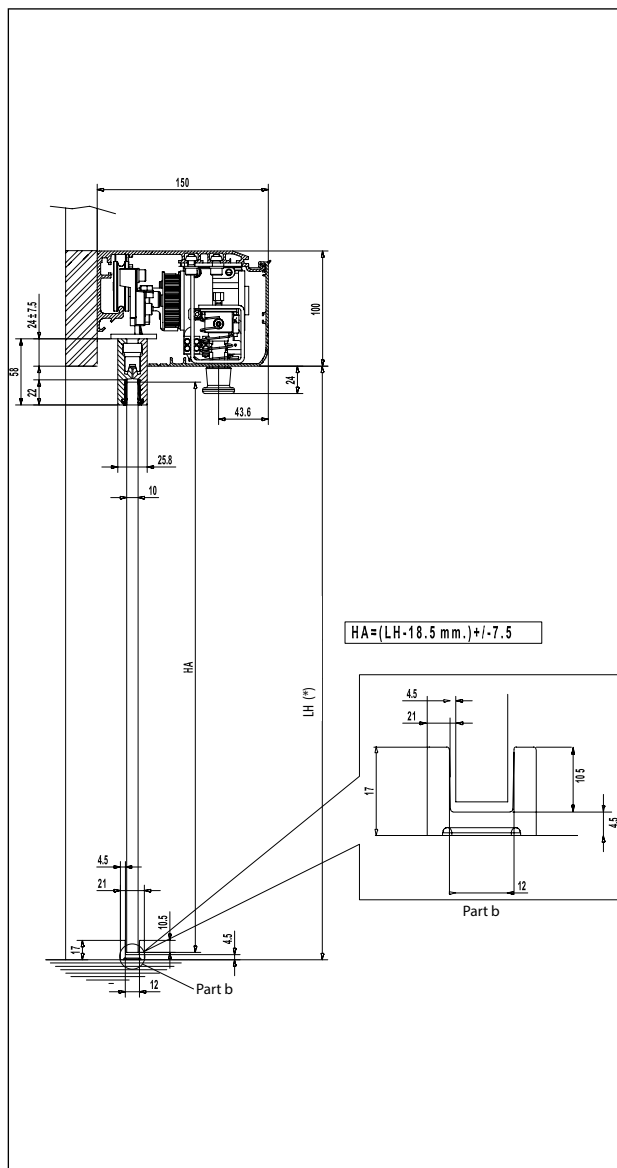
A1000

FRAMED LEAF HEIGHT REQUIREMENT



Note: dimensions in mm
(*) recommended max. 2500.

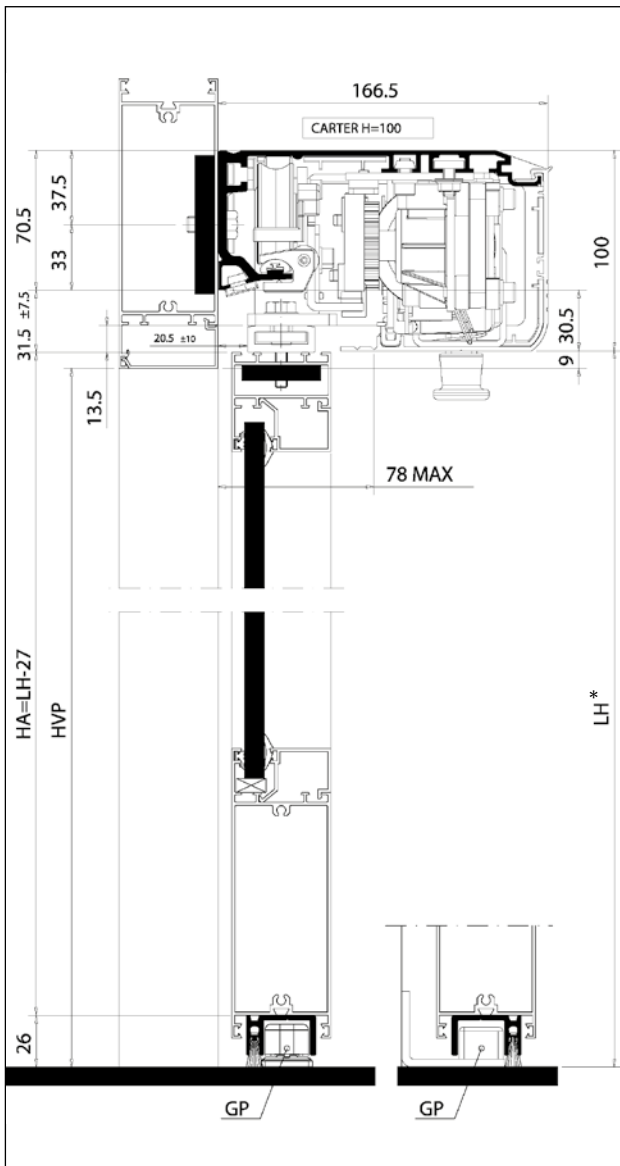
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



Notes: dimensions in mm
(*) recommended max. 2500.

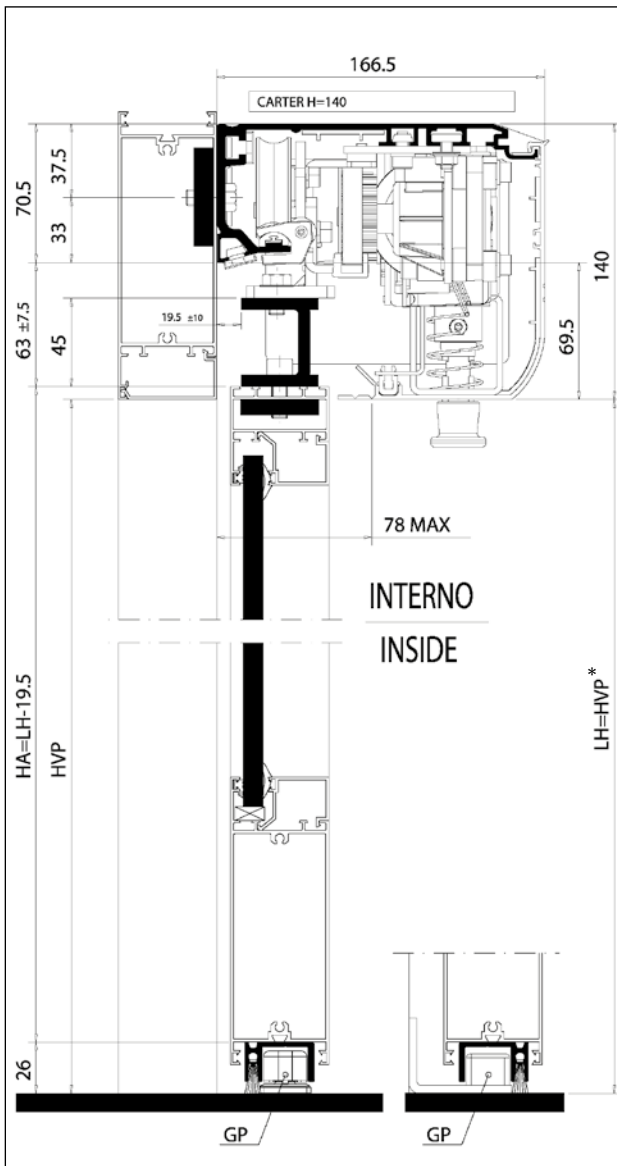
A1400 AIR

HEIGHT REQUIREMENT FOR FRAMED LEAF CONNECTION. VERSION H100



Note: dimensions in mm
(*) recommended max. 2500.

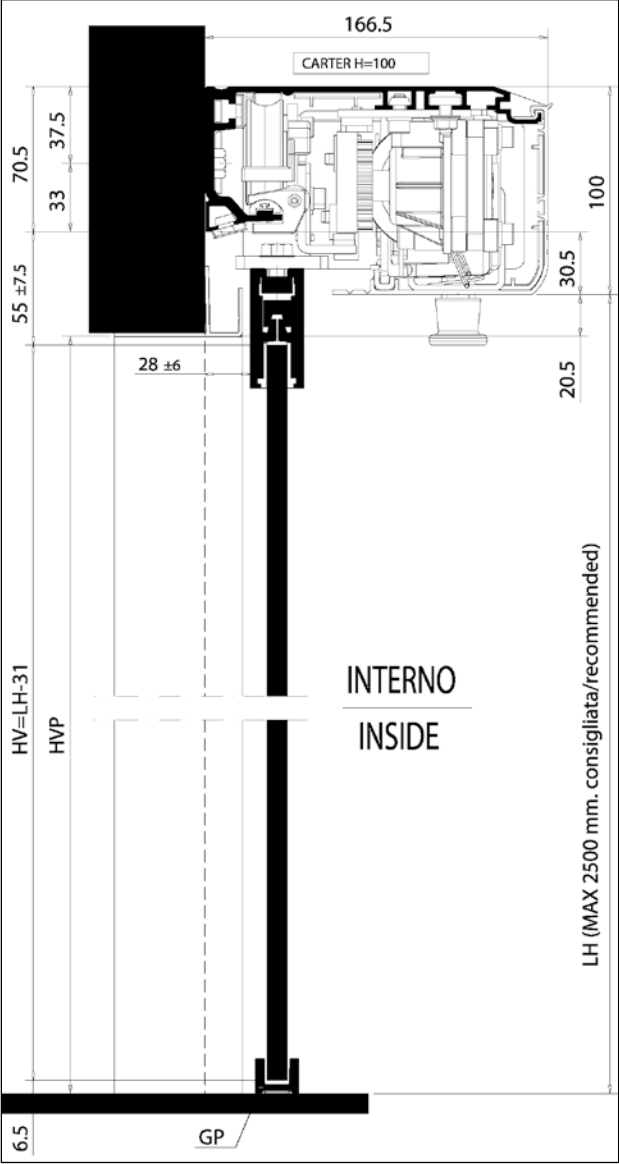
HEIGHT REQUIREMENT FOR FRAMED LEAF CONNECTION. VERSION H140



Note: dimensions in mm
(*) recommended max. 2500.

A1400 AIR

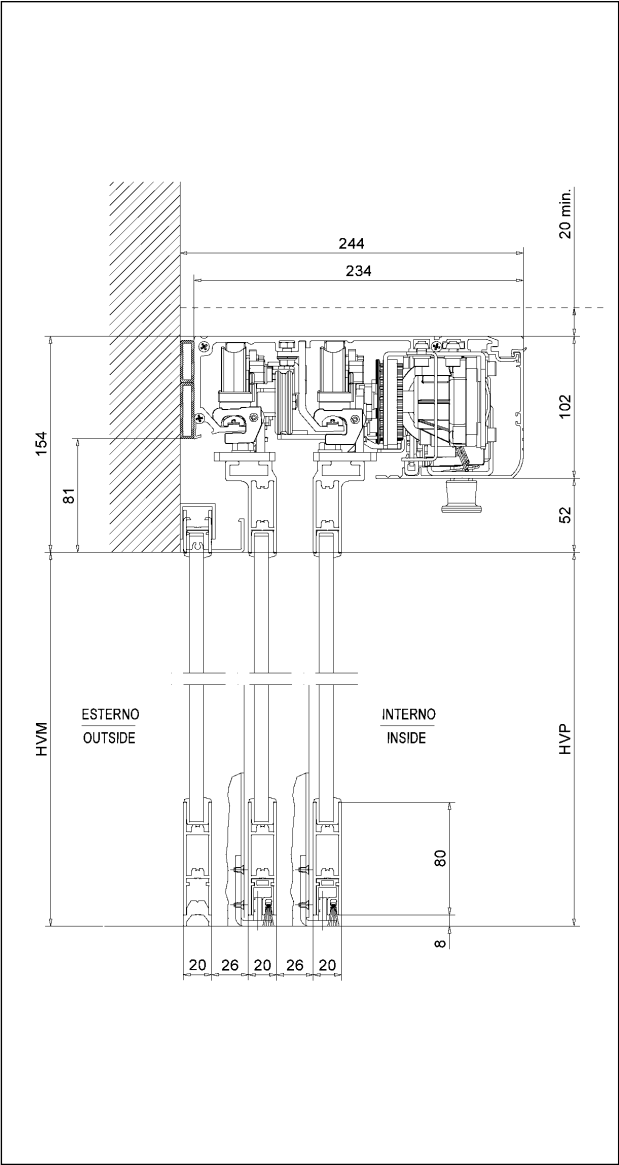
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



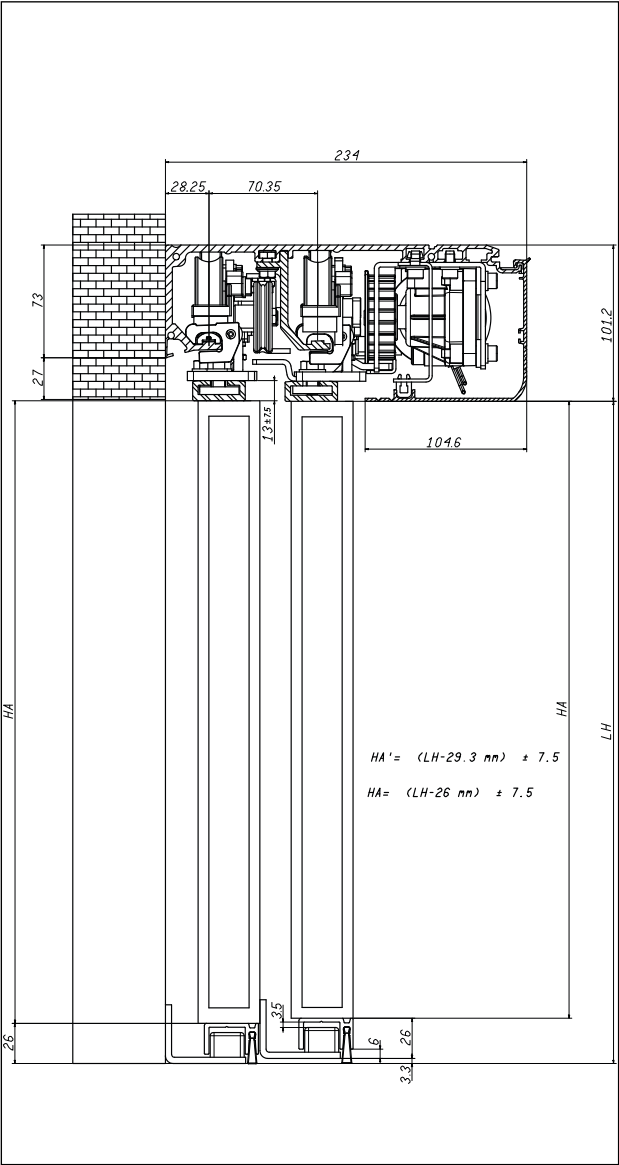
Notes: dimensions in mm

A1400 AIR T

2 TELESCOPIC SLIDING LEAVES WITH FIXED SIDE LEAF (TK20)



2 TELESCOPIC SLIDING LEAVES

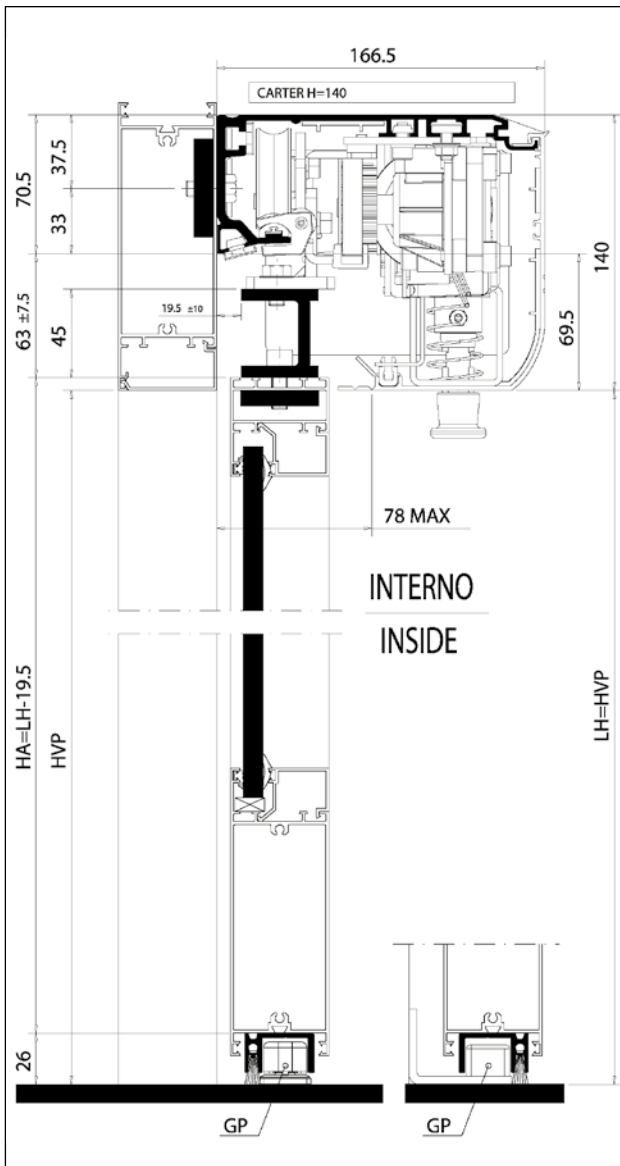


Note: dimensions in mm

Note: dimensions in mm

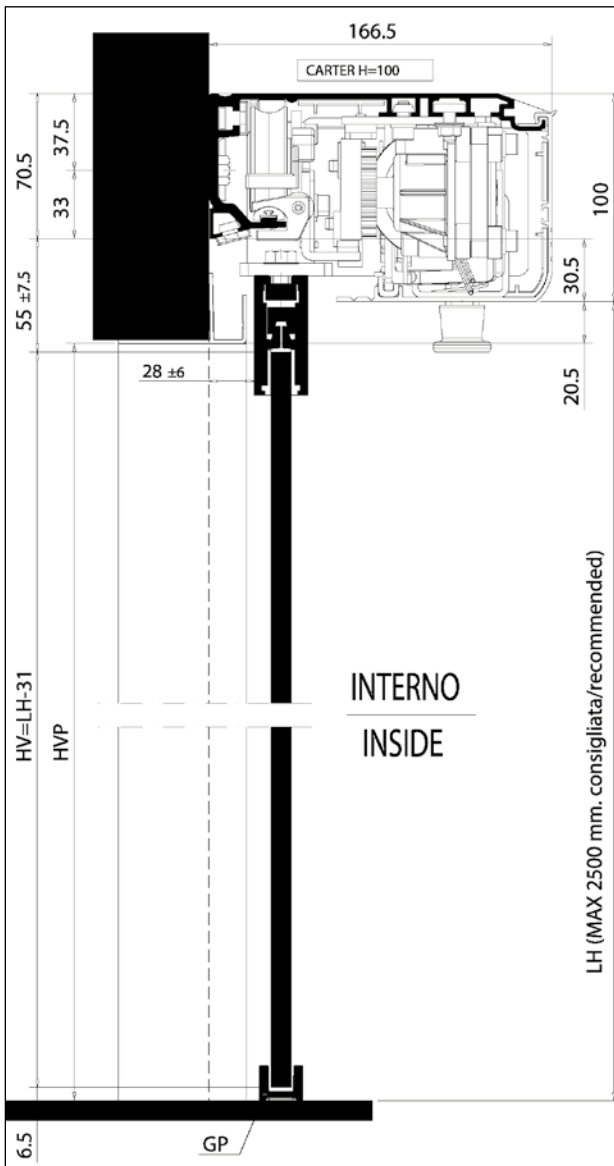
A1400 AIR RD/ RDF

FRAMED LEAF - H140 VERSION - HEIGHT REQUIREMENT



Note: dimensions in mm

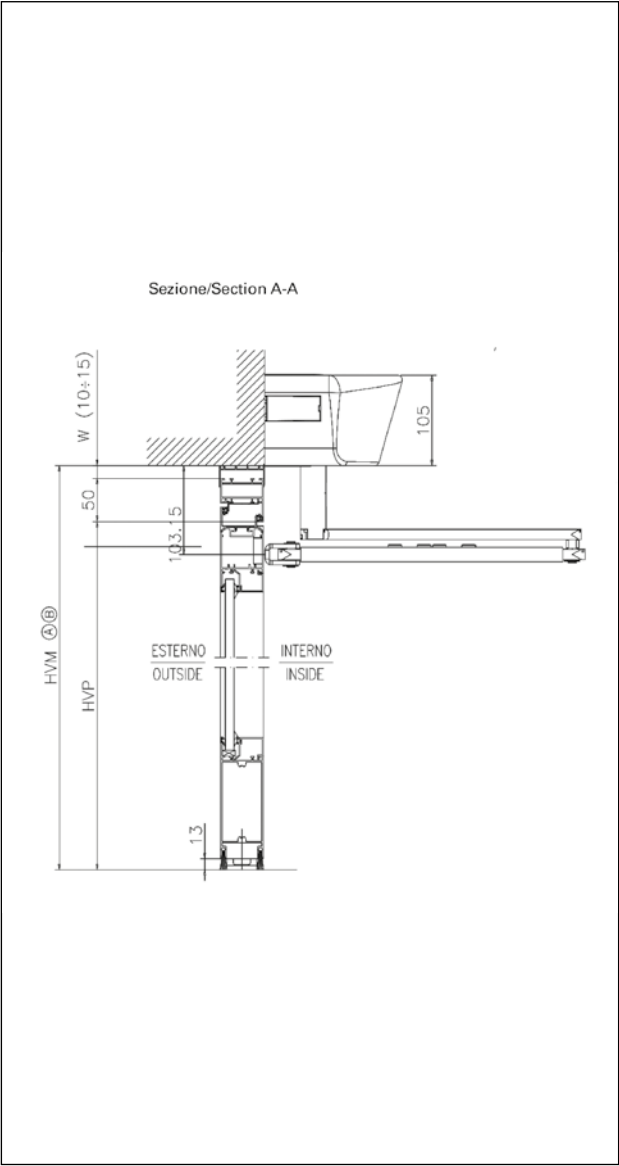
HEIGHT REQUIREMENT FOR CRYSTAL LEAF CONNECTION



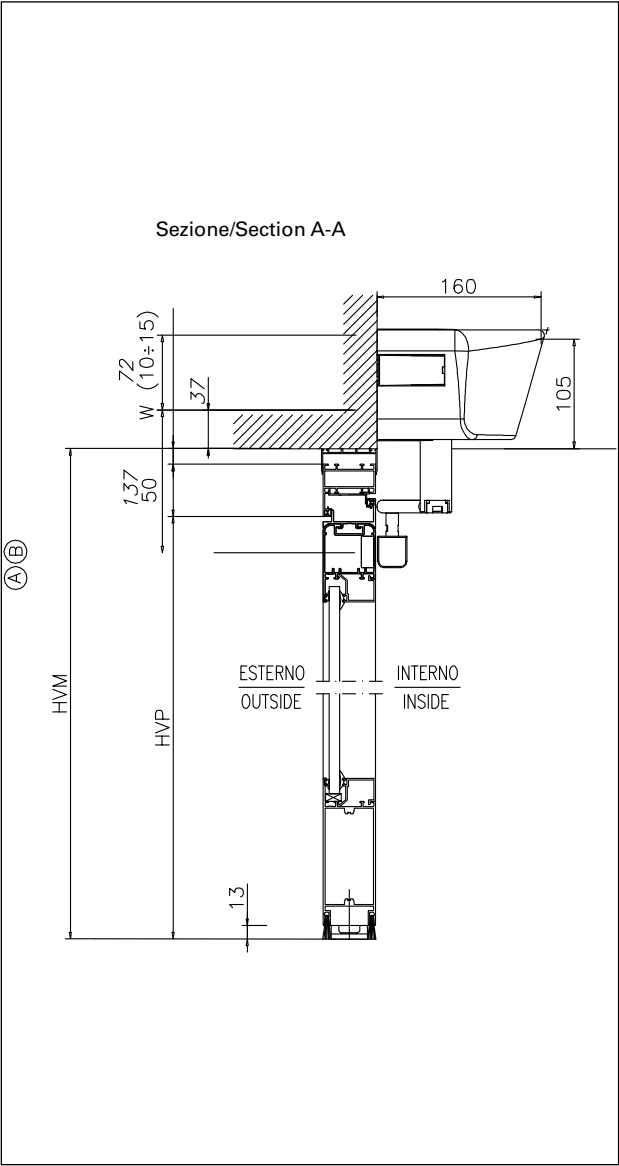
Note: dimensions in mm

950N2

EXAMPLE OF INSTALLATION WITH ARTICULATED ARM



EXAMPLE OF INSTALLATION WITH SLIDING ARM

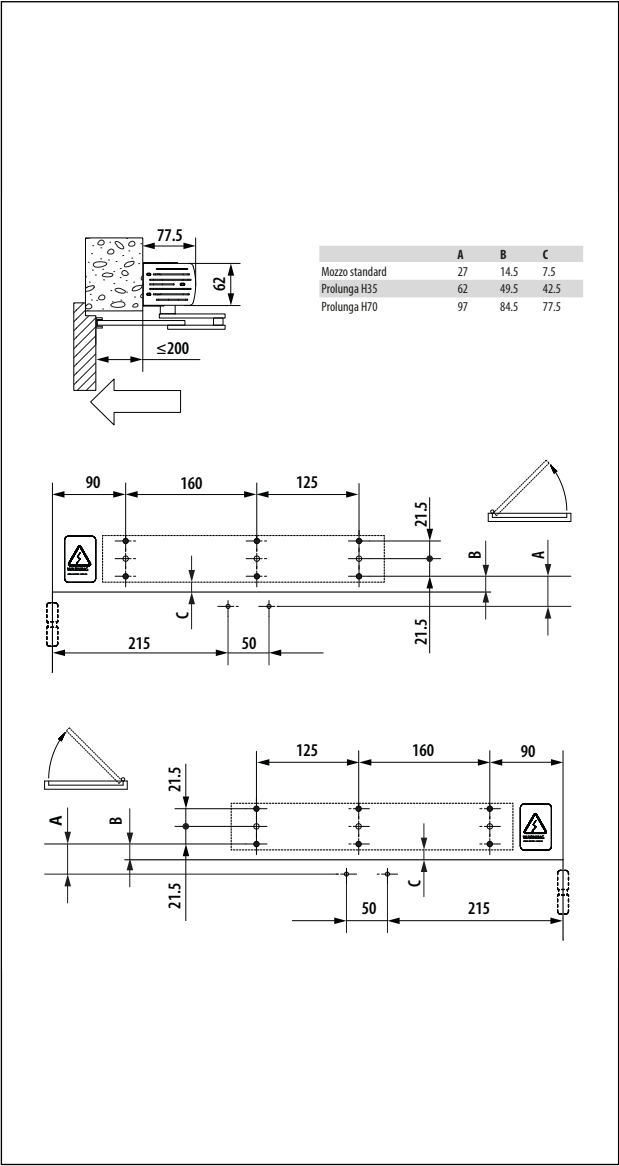


Note: dimensions in mm

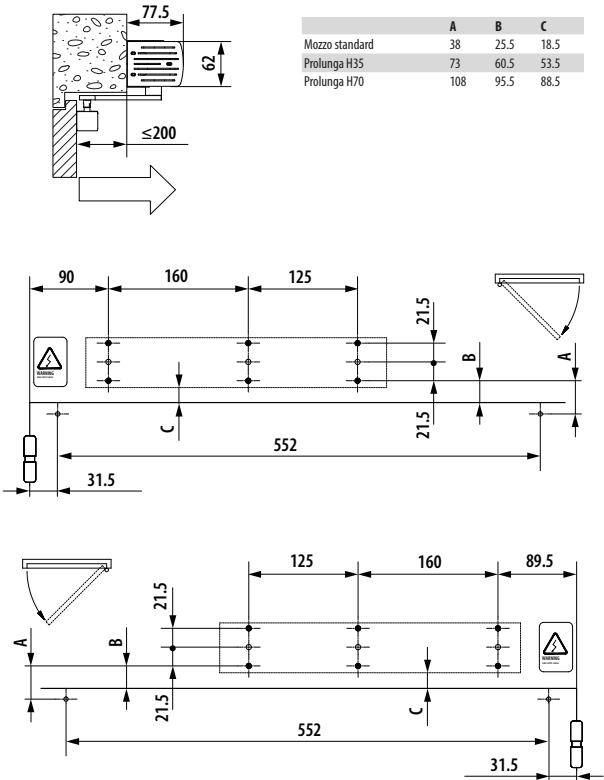
Note: dimensions in mm

A951

EXAMPLE OF INSTALLATION WITH ARTICULATED ARM



EXAMPLE OF INSTALLATION WITH SLIDING ARM

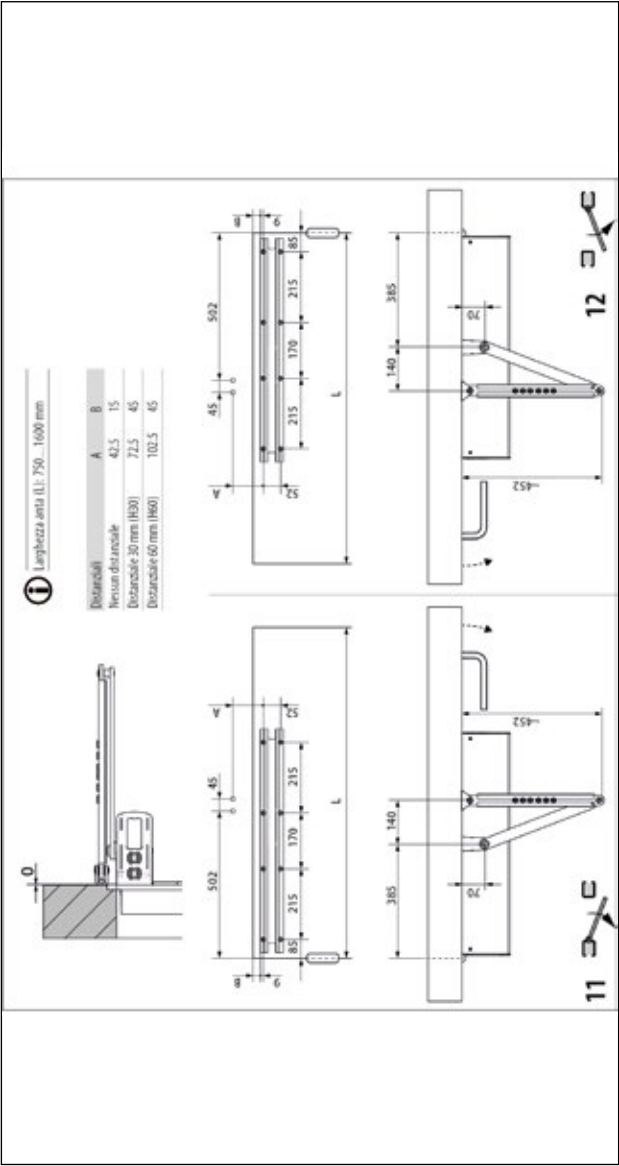


Note: dimensions in mm

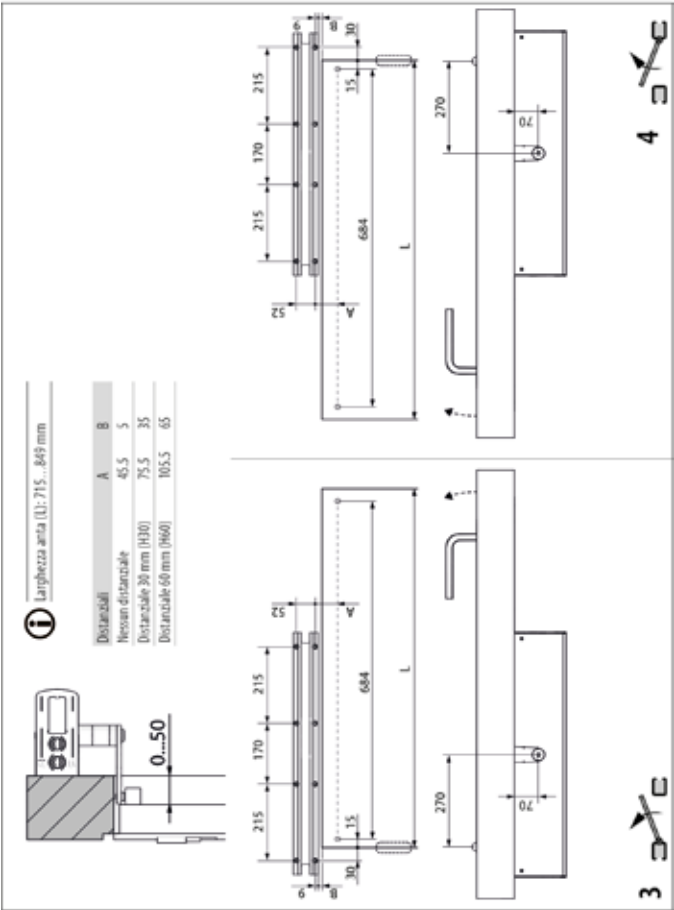
Note: dimensions in mm

A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH ARTICULATED PUSH ARM



EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH SHORT PUSH SLIDING BLOCK ARM

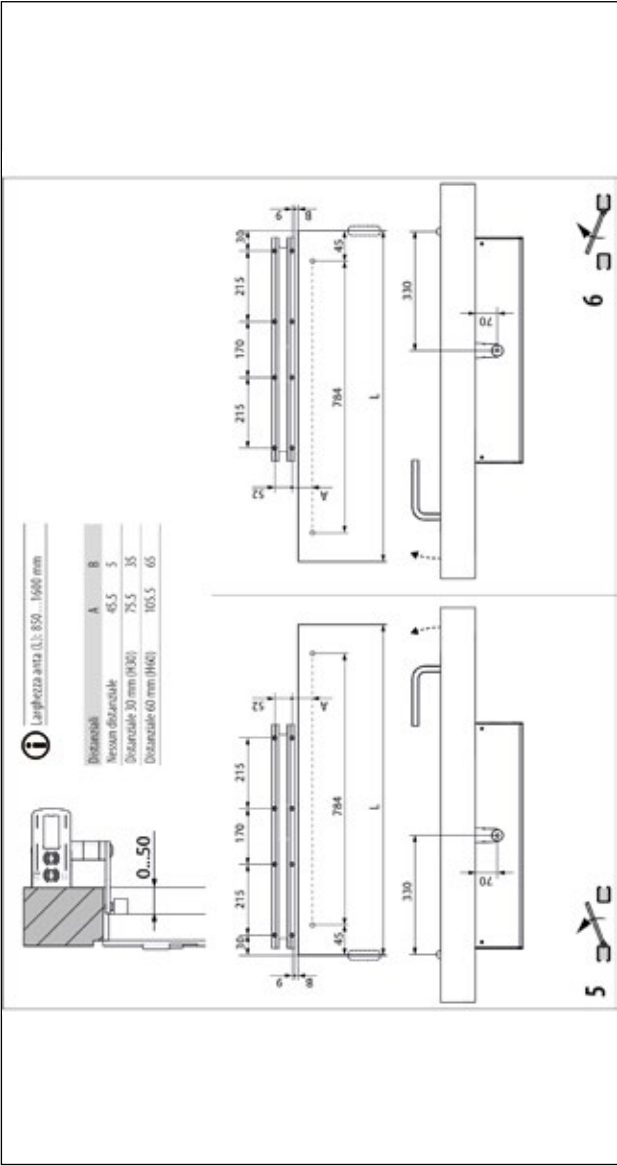


Note: dimensions in mm

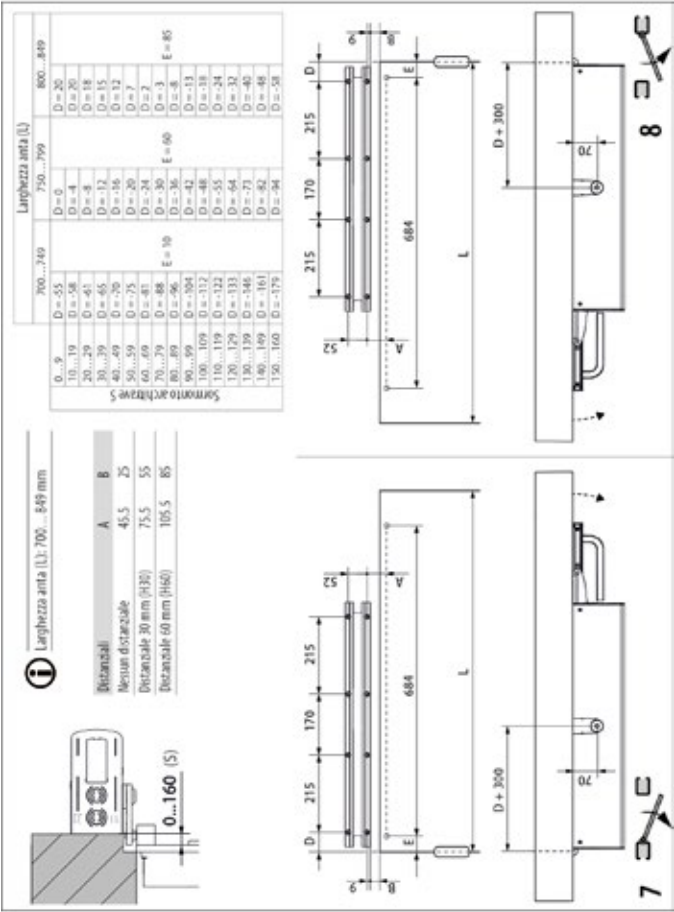
Note: dimensions in mm

A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH
STANDARD PUSH SLIDIG BLOCK ARM



EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH
SHORT SLIDING BLOCK ARM

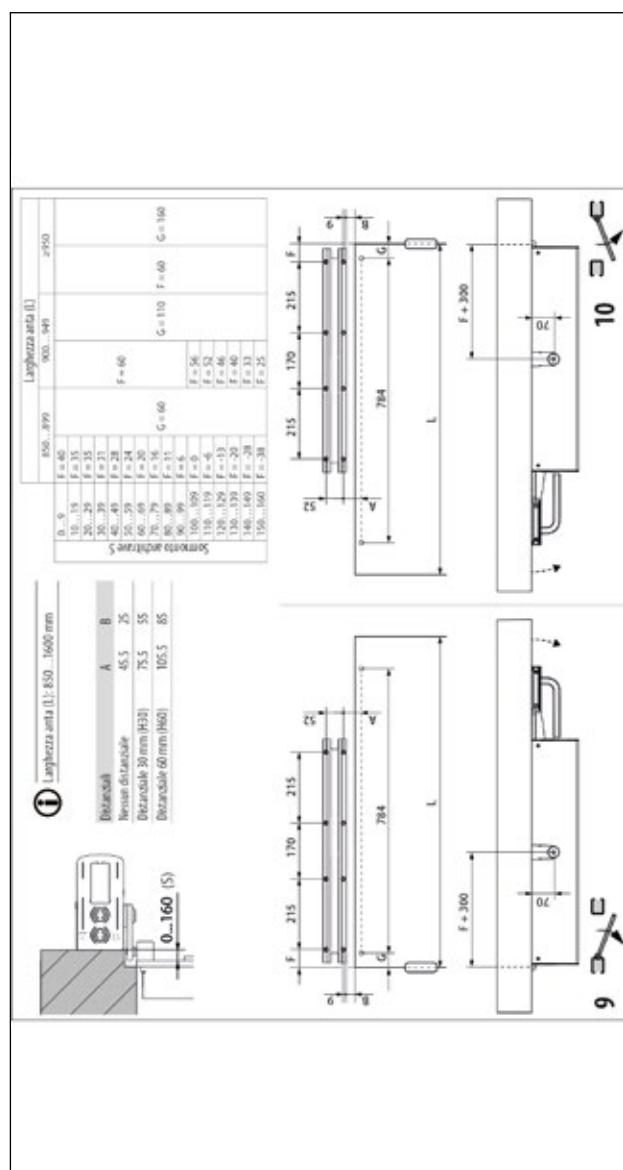


Note: dimensions in mm

Note: dimensions in mm

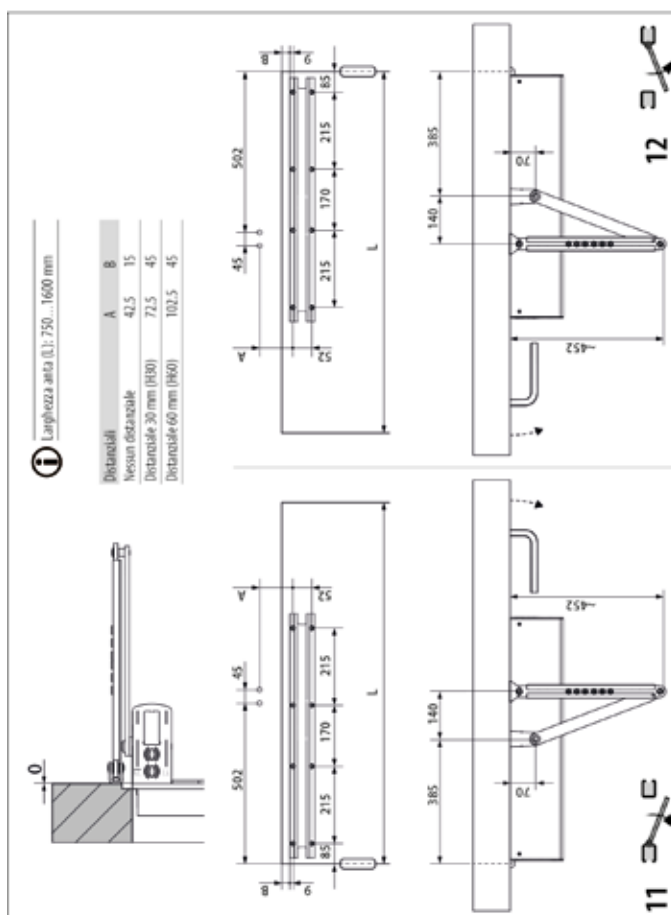
A952

EXAMPLE OF OVER THE TRANSOM INSTALLATION WITH STANDARD SLIDING BLOCK ARM



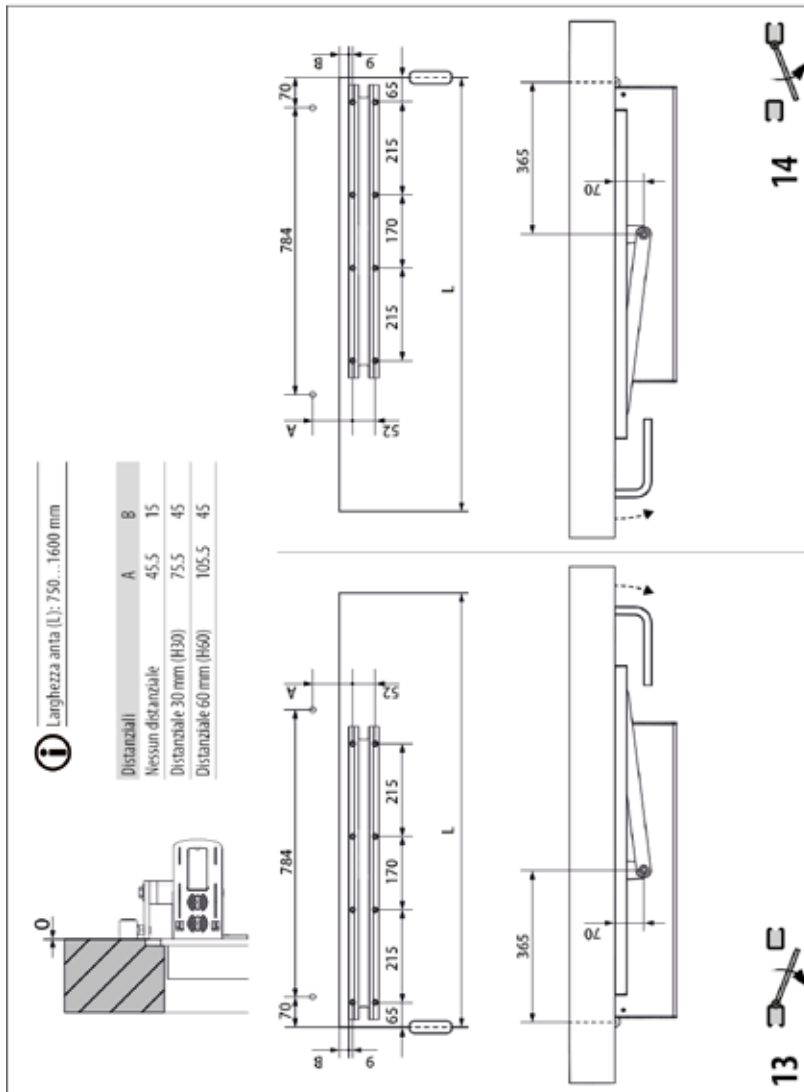
Note: dimensions in mm

EXAMPLE OF OVER THE LEAF INSTALLATION WITH ARTICULATED PUSH ARM



Note: dimensions in mm

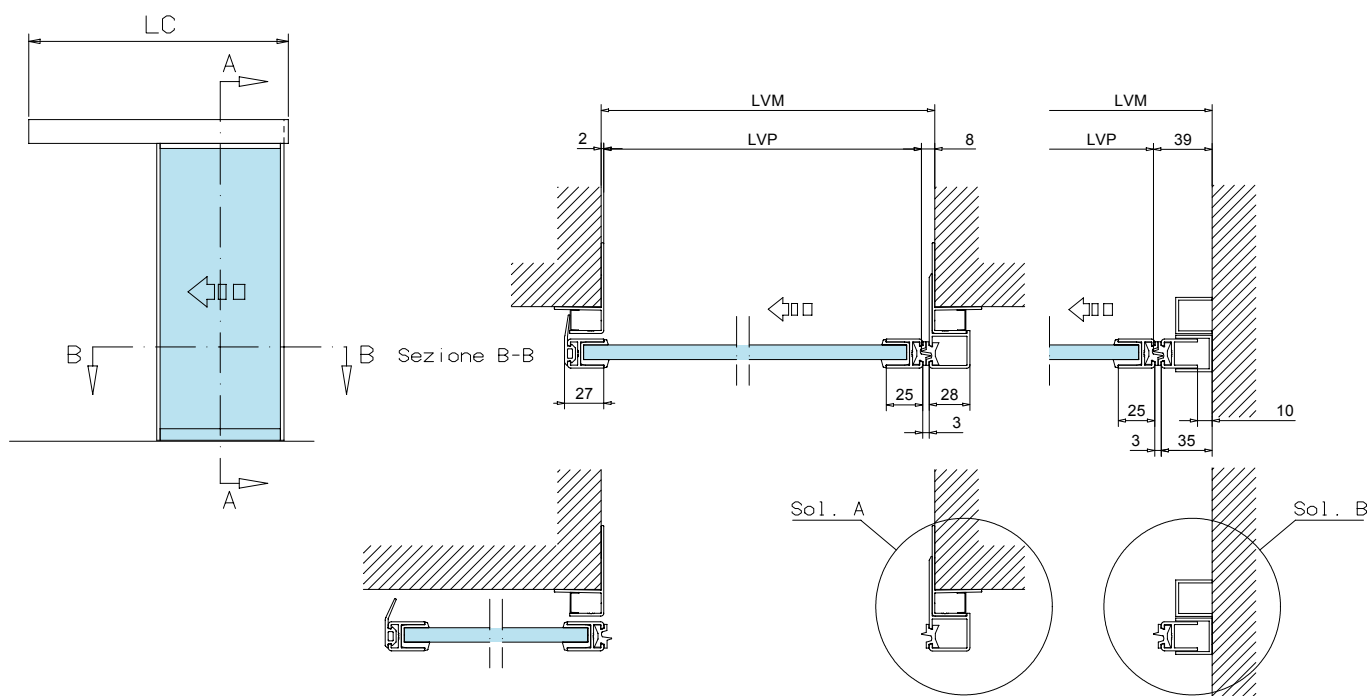
A952



Note: dimensions in mm

TK20

1 SLIDING LEAF



LVM = Wall recess width min. 700 / max. 2000 (*) **LVM** = **LVP**+11 (sol.A) **LVM** = **LVP** + 42 (sol. B)

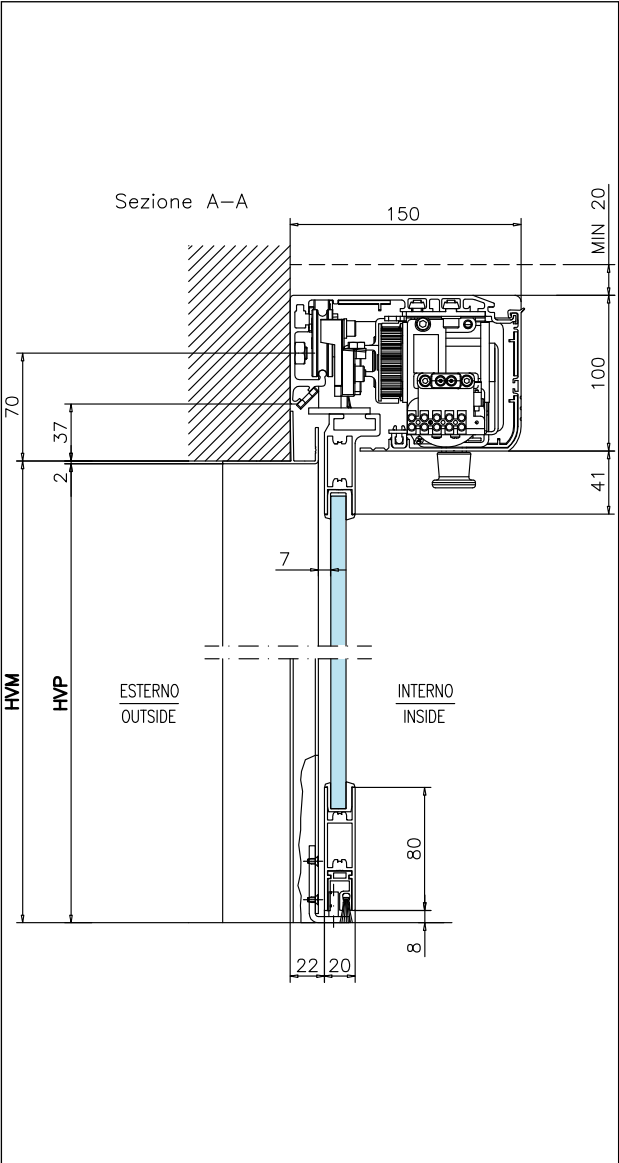
LVP = Passage width **LVP** = **LVM**-11 (sol.A) **LVP** = **LVM**-42 (sol. B)

LC = Cover length

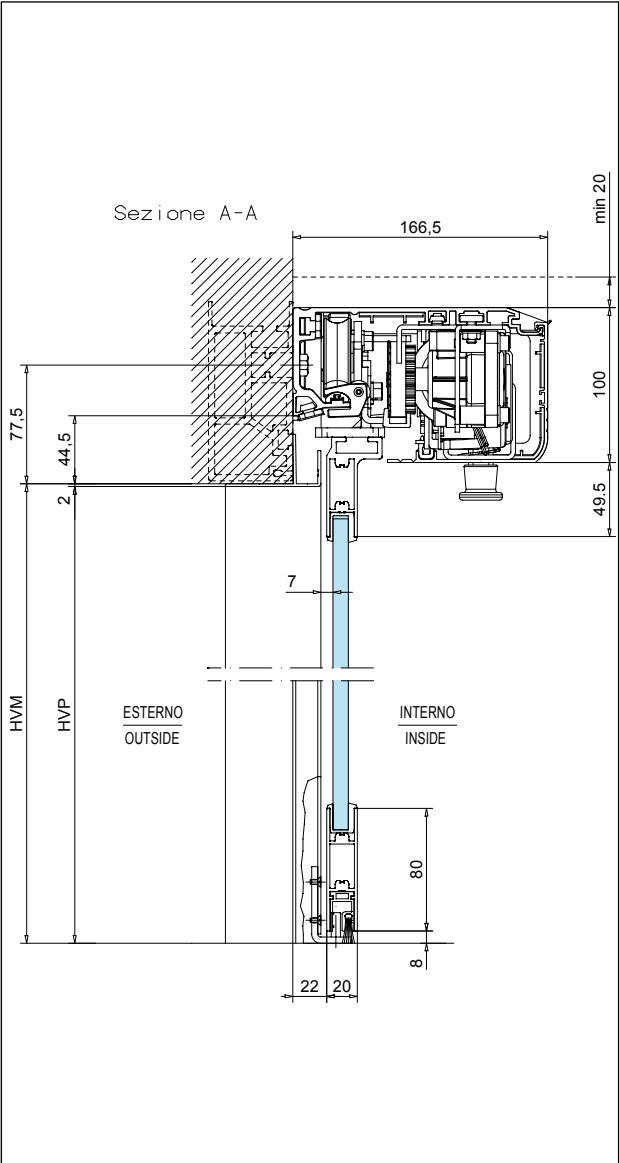
(*) for **LVM**>2000 mm, please contact FAAC.

TK20

FAAC A1000



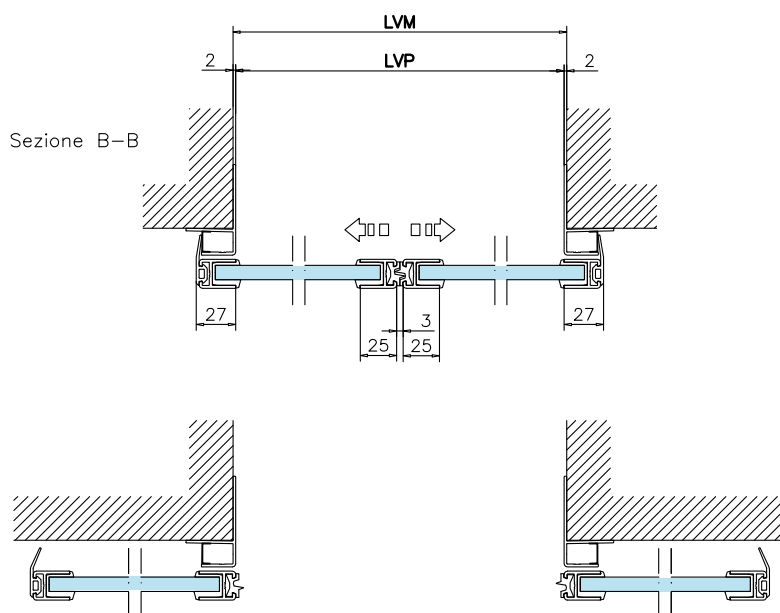
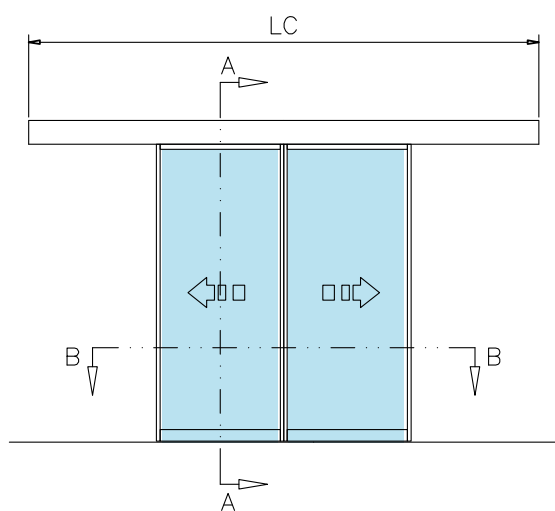
FAAC A1400 AIR1



HVM = Wall recess height max. 2500 mm (*)
HVP = Passage height **HVP** = **HVM** - 2
(*) for LVM>5600 mm, please contact FAAC.

TK20

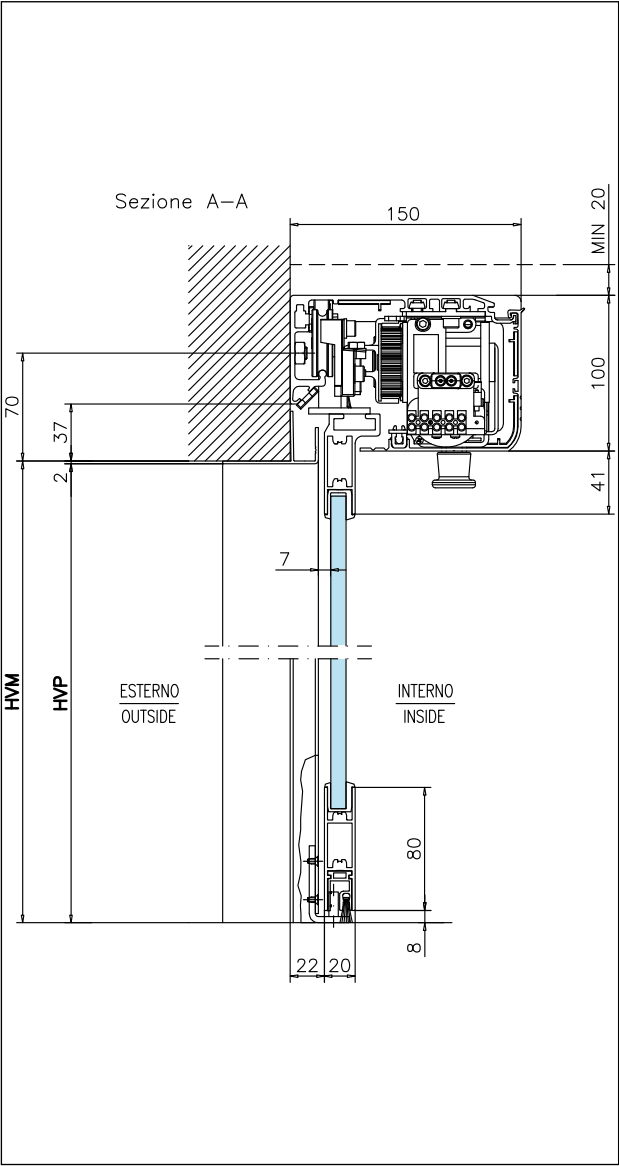
2 SLIDING LEAVES



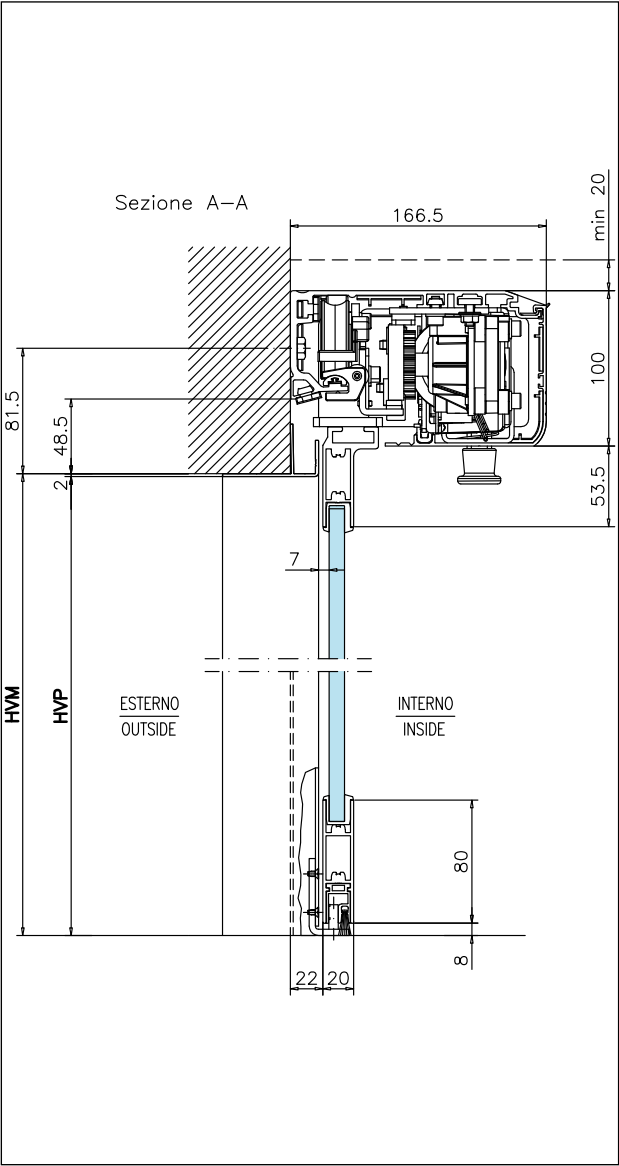
LVM = Wall recess width min 800 / max 2000 (*) **LVM** = **LVP** + 4
LVP = free passage width min 800 / max 3000 mm (**) **LVP** = **LVM** - 4
LC = cover length
 (*) for $LVM > 2500$ mm, please contact FAAC.
 (**) recommended

TK20

FAAC A1000



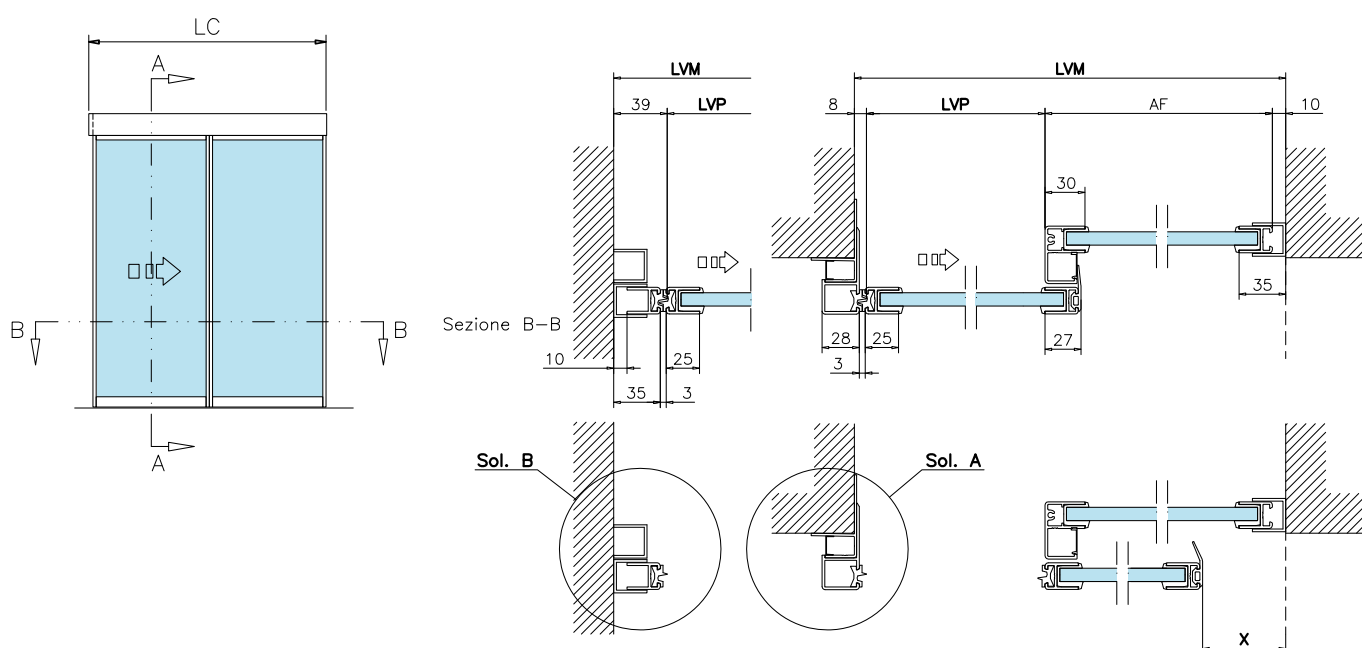
FAAC A1400 AIR2



HVM wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM - 2**
(*) for LVM>5600 mm, please contact FAAC.

TK20

1 SLIDING LEAF WITH FIXED SIDE LEAF



LVM = Wall recess width min 1500 / max 5100 (*) **LVM** = $2LVP + 45 + X$ (sol.A) **LVM** = $2LVP + 76 + X$ (sol. A)

LVP = free passage width **LVP** = $(LVM - 45 - X) / 2$ (sol.A) **LVP** = $(LVM - 76 - X) / 2$ (sol. B)

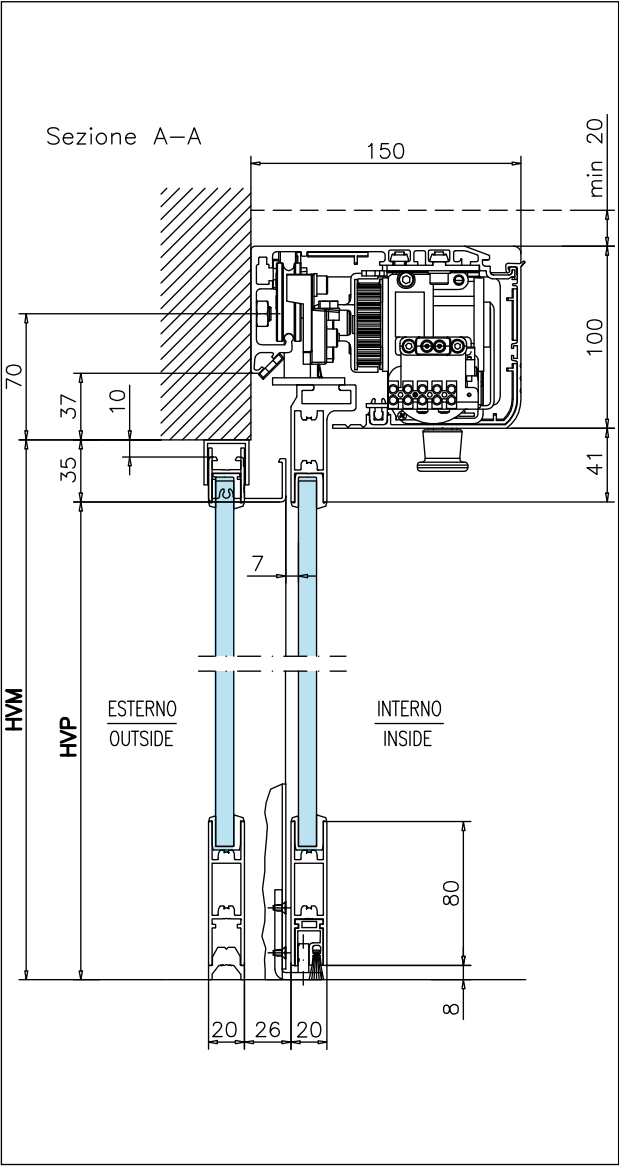
X = passage height Min 60 mm

LC = cover length

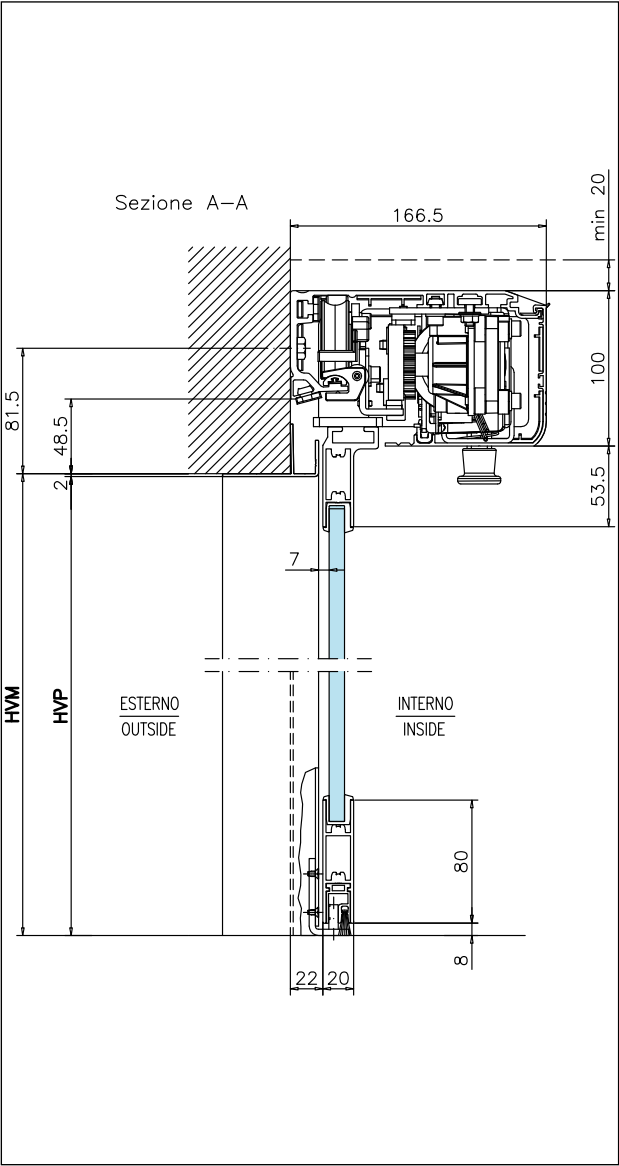
(*) per $LVM > 2500$ mm, please contact FAAC.

TK20

FAAC A1000



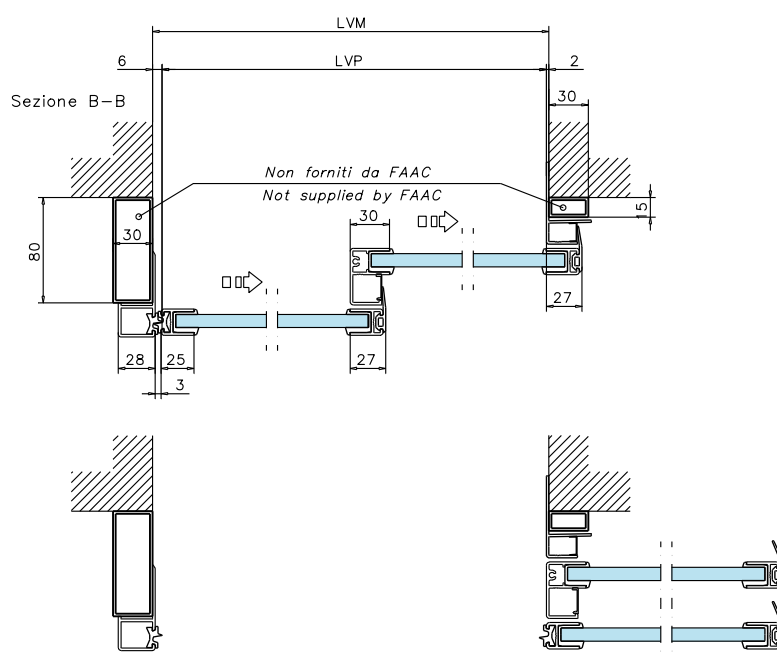
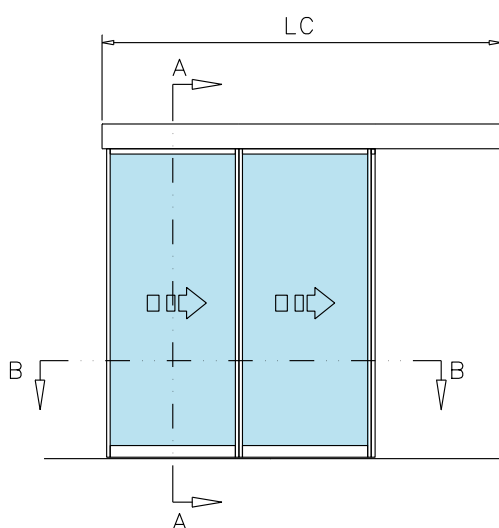
FAAC A1400 AIR1



HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM-35**
(*) for LVM>5600 mm, please contact FAAC.

TK20

2 TELESCOPIC SLIDING LEAVES



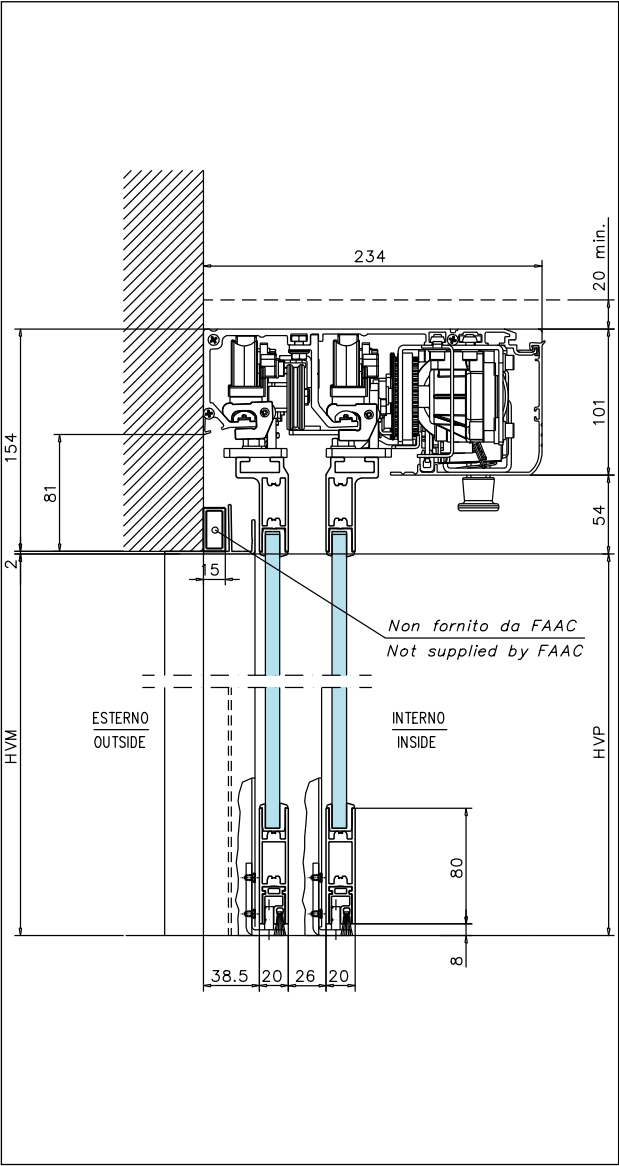
LVM = Wall recess width min 1100 / max 3000 **LVM = LVP + 8**

LVP = Passage width **LVP = LVM - 8**

LC = cover length

TK20

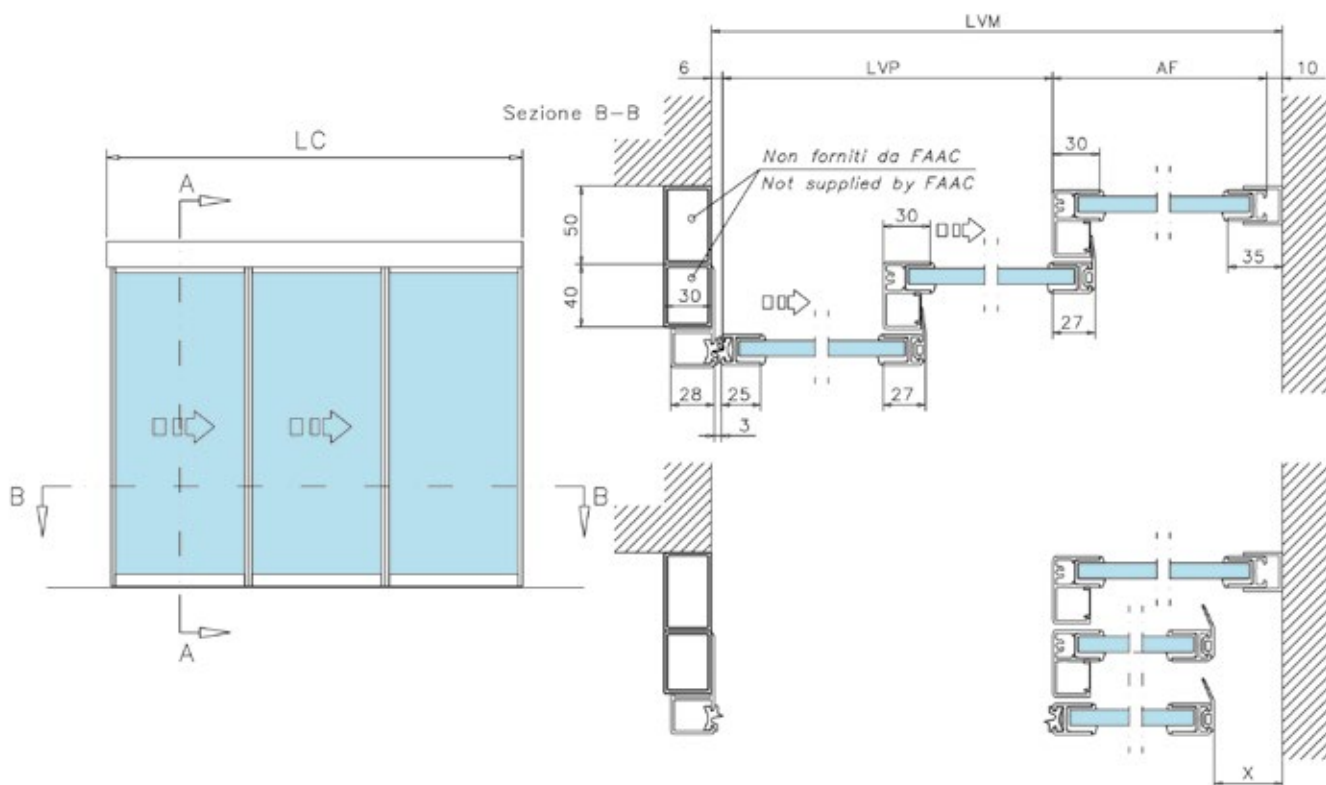
FAAC A1400 AIR T2



HVM = wall recess height max. 2500 mm (*)
HVP = passage height **HVP = HVM - 2**
(*) for LVM>5600 mm, please contact FAAC.

TK20

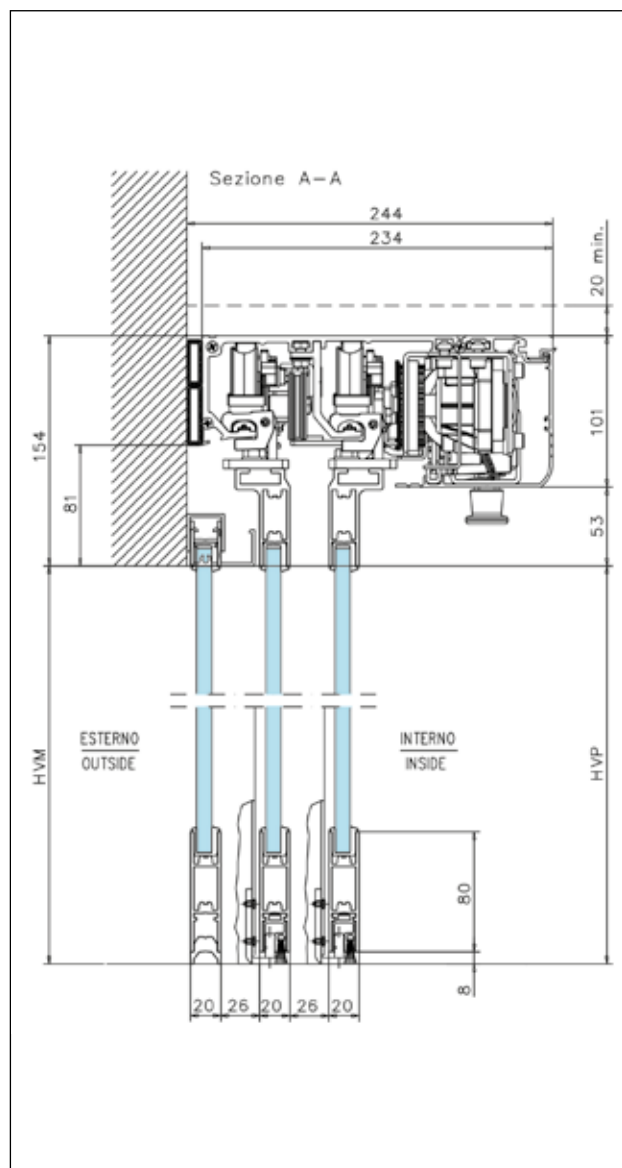
2 TELESCOPIC SLIDING LEAVES WITH FIXED SIDE LEAF



LVM = Wall recess width min 1750 / max 4600 (*) **LVM** = $3 \text{ LVP} / 2 + 33.5 + X$
LVP = Passage width min 1100 / max 3000 mm. (*) **LVP** = $2 (\text{LVM} - 33.5 - X) / 3$
X = safety distance min 60 mm
LC = cover length
 (*) for LVM > 4600 mm, please contact FAAC.

TK20

FAAC A1400 AIR T2



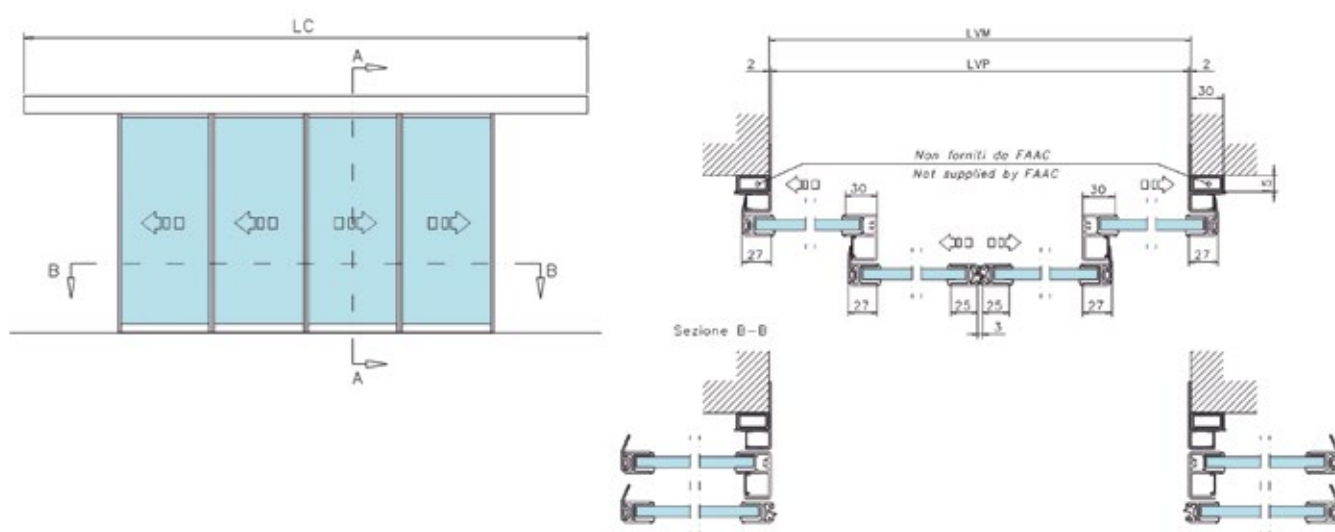
HVM = wall recess height max. 2500 mm (*)

HVP = passage height **HVP = HVM**

(*) for $HVM > 2500$ mm, please contact FAAC.

TK20

4 TELESCOPIC SLIDING LEAVES



LVM = Wall recess width min 1400 / max 3600 (*) **LVM = LVP + 4**

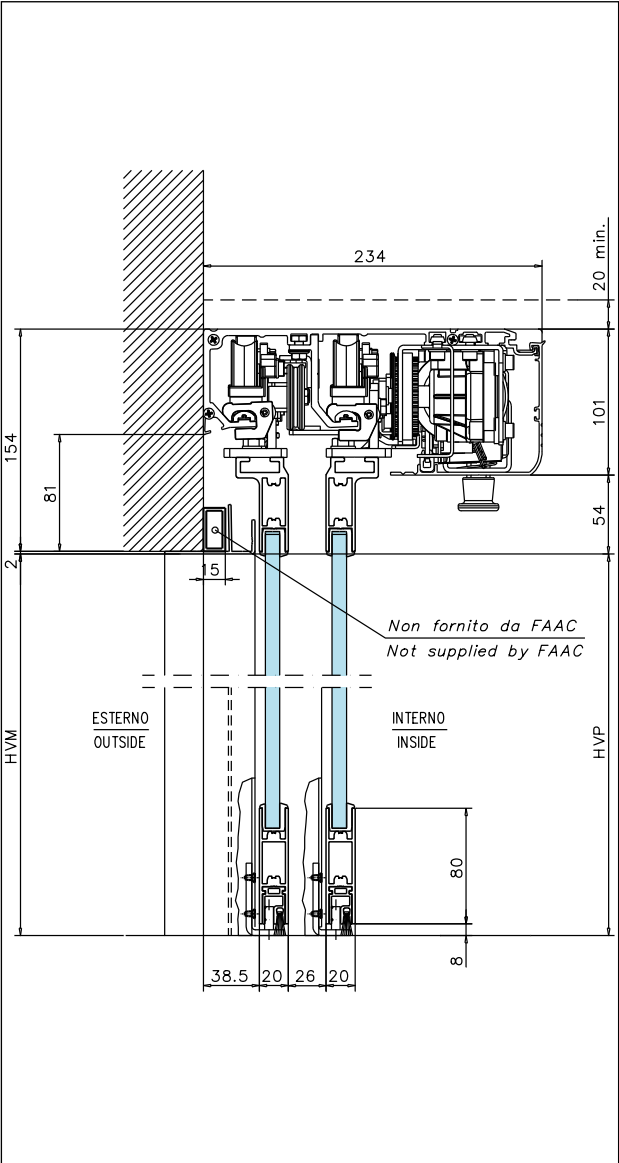
LVP = free passage width **LVP = LVM - 4**

LC = cover length

(*) for LVM > 3600 mm, please contact FAAC.

TK20

FAAC A1400 AIR T4



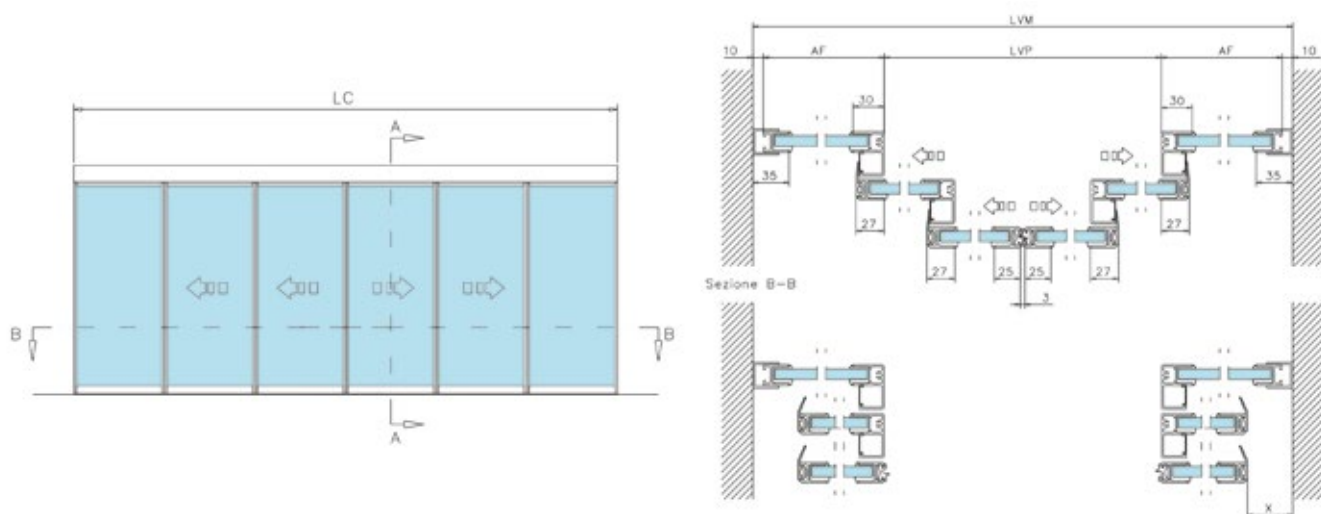
HVM = wall recess height max. 2500 mm (*)

HVP = passage height **HVP = HVM - 2**

(*) for HVM>2500 mm, please contact FAAC.

TK20

4 TELESCOPIC SLIDING LEAVES WITH 2 FIXED SIDE LEAVES



LVM = Wall recess width min. 2200 / max. 5600 (*) **LVM** = $3 \text{ LVP} / 2 + 52.5 + 2X$

LVP = Passage width min 1400 / max 3600 mm (*) **LVP** = $2 (\text{LVM} - 52.5 - 2X) / 3$

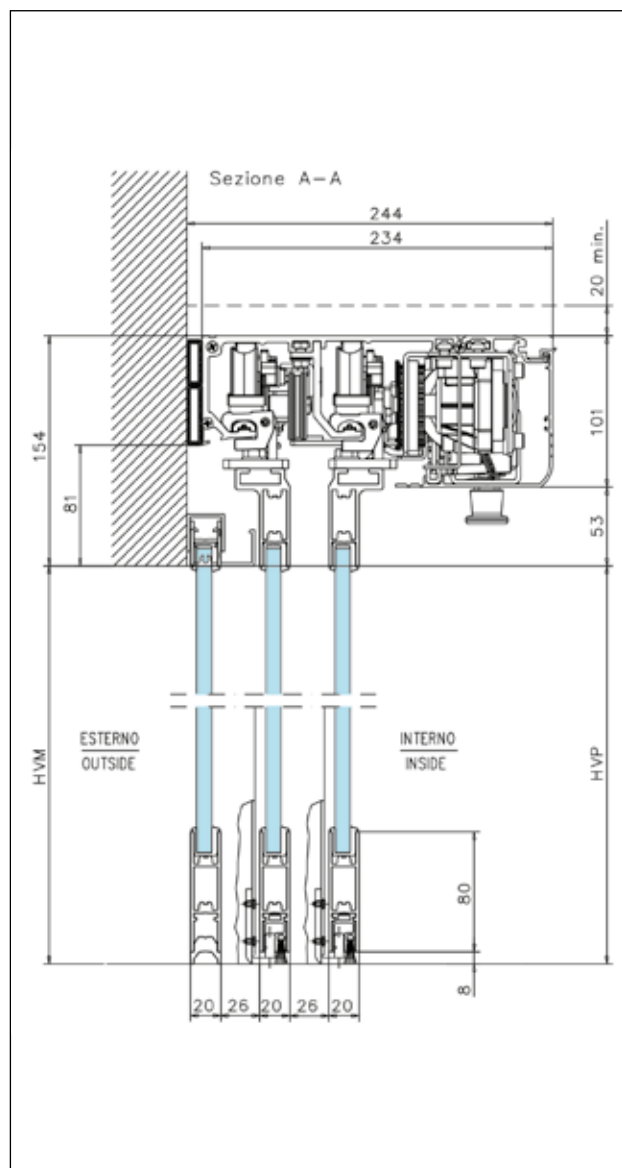
X = safety distance min 60 mm

LC = cover length

(*) for $\text{LVM} > 5600$ mm, please contact FAAC.

TK20

FAAC A1400 AIR T4



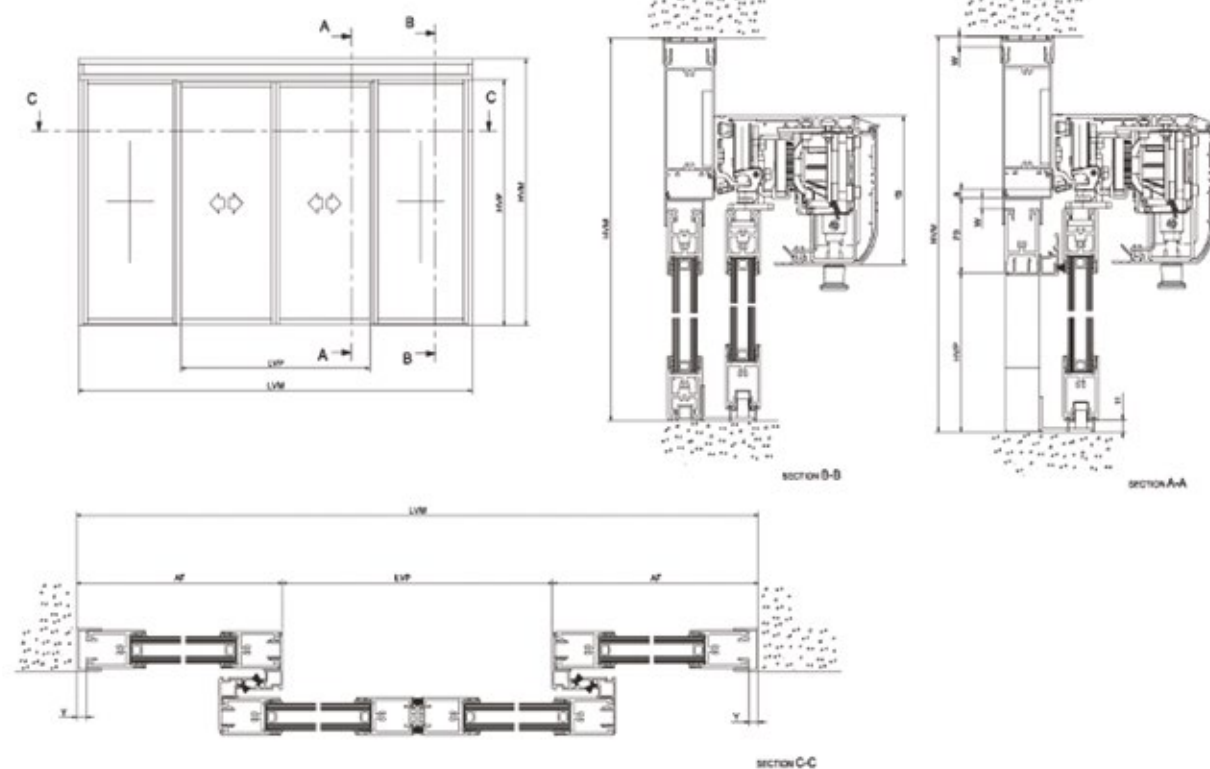
HVM = wall recess height max. 2500 mm (*)

HVP = passage height **HVP = HVM**

(*) for $HVM > 2500$ mm, please contact FAAC.

TK35

2 SLIDING LEAVES



LVM=LARGHEZZA VANO MURO / WALL WIDTH
 $LVM=LVP+62X2+2Y$

HVM=ALTEZZA VANO MURO / WALL HEIGHT
 $HVM=HVP+2W+203$

LVP=LARGHEZZA VANO PASSAGGIO
 FREE PASSAGE WIDTH
 $LVP=LVM-2XY/2-62$

HVP=ALTEZZA VANO PASSAGGIO
 FREE PASSAGE HEIGHT
 $HVP=HVM-2W-203$

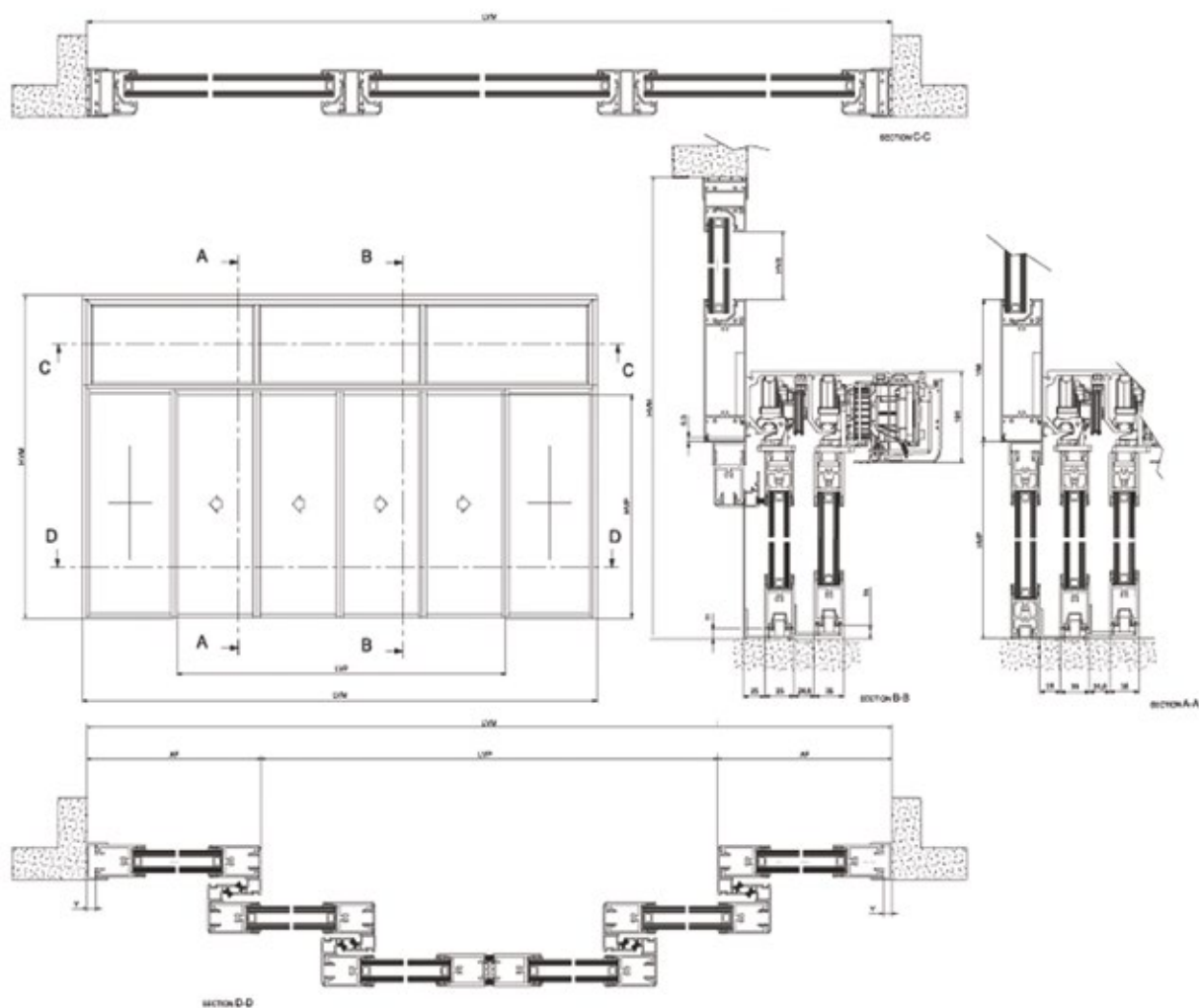
X= min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE
 FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE
 RIPORTATE NEI CATALOGHI.

*IN ORDER TO GET MAX DOOR WEIGHT AND
 DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS
 REPORTED IN THE CATALOGUE.

TK35

2 SLIDING LEAVES WITH TRANSOM



LVM=LARGHEZZA VANO MURO / WALL WIDTH
 $LVM=LVP+2$

HVM=ALTEZZA VANO MURO / WALL HEIGHT
 $HVM=HVP+2$

LVP=LARGHEZZA VANO PASSAGGIO
 FREE PASSAGE WIDTH
 $LVP=LVM-2$

HVP=ALTEZZA VANO PASSAGGIO
 FREE PASSAGE HEIGHT
 $HVP=HVM-16$

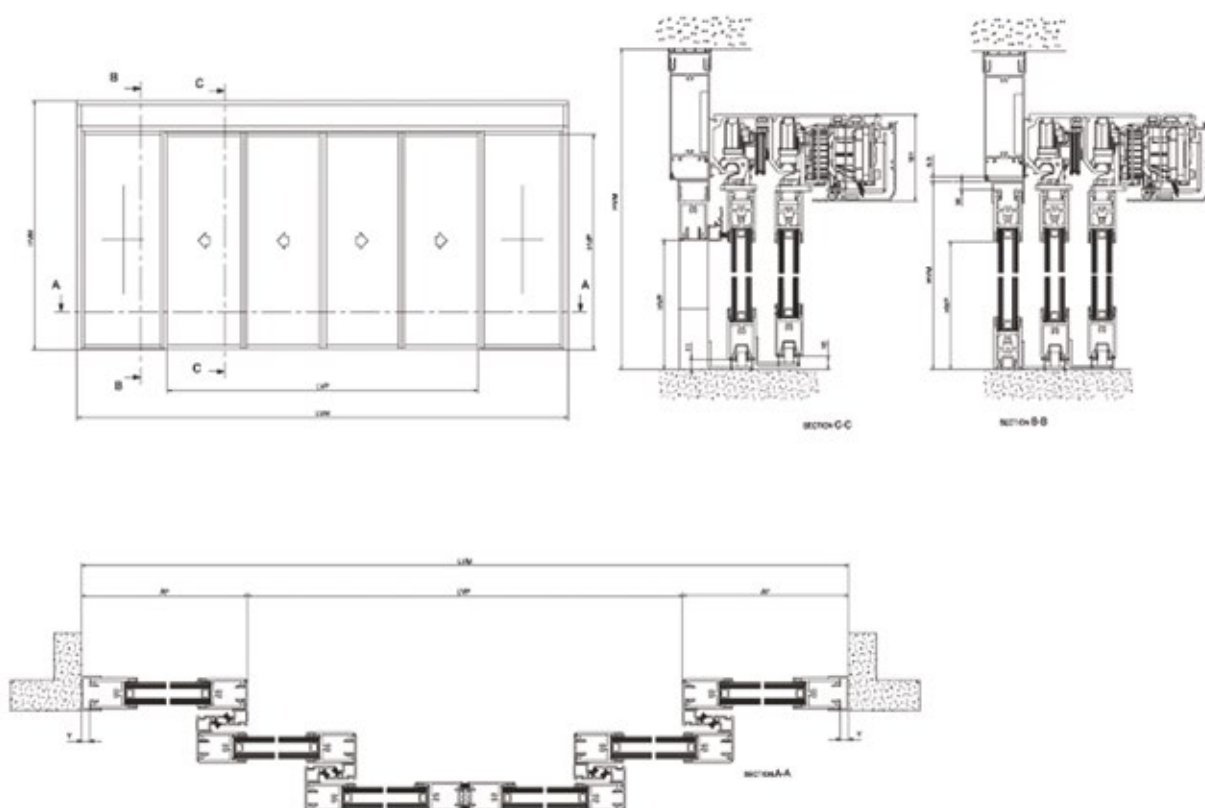
X=DISTANZA DI SICUREZZA min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE
 FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE
 RIPORTATE NEI CATALOGHI.

*IN ORDER TO GET MAX DOOR WEIGHT AND
 DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS
 REPORTED IN THE CATALOGUE.

TK35

4 TELESCOPIC SLIDING LEAVES



LVM=LARGHEZZA VANO MURO / WALL WIDTH
 $LVM=LVP+2$

HVM=ALTEZZA VANO MURO / WALL HEIGHT

LVP=LARGHEZZA VANO PASSAGGIO
 FREE PASSAGE WIDTH
 $LVP=LVM-2$

HVP=ALTEZZA VANO PASSAGGIO
 FREE PASSAGE HEIGHT
 $HVP=HVM-18$

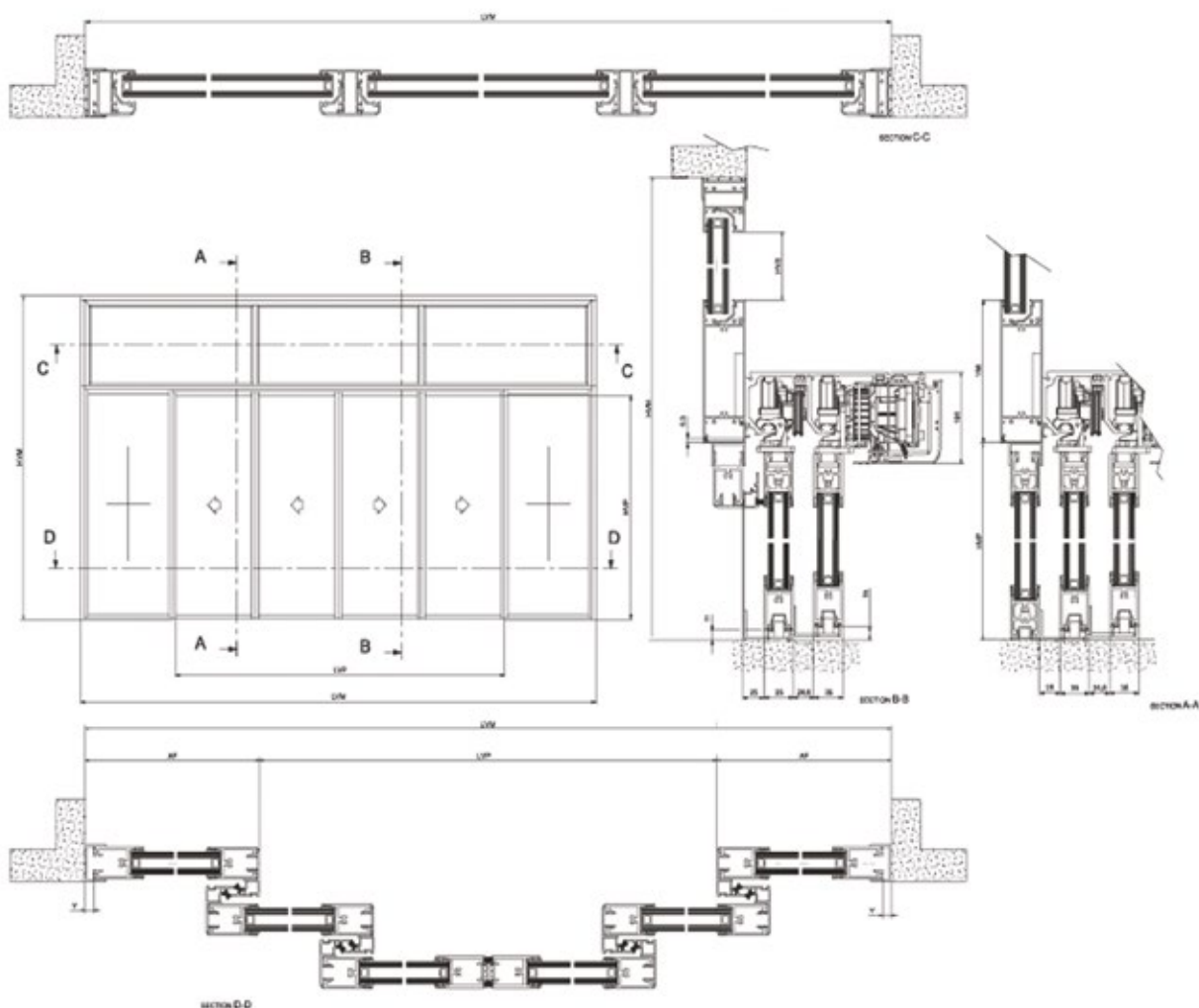
X=DISTANZA DI SICUREZZA

*PER I PESI E LE DIMENSIONI MAX DELLE ANTE
 FARÈ RIFERIMENTO ALLE SPECIFICHE TECNICHE
 RIPORTATE NEI CATALOGHI.

*IN ORDER TO GET MAX DOOR WEIGHT AND
 DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS
 REPORTED IN THE CATALOGUE.

TK35

4 TELESCOPIC SLIDING LEAVES WITH TRANSOM



LVM=LARGHEZZA VANO MURO / WALL WIDTH
 $LVM=LVP \times 2$

HVM=ALTEZZA VANO MURO / WALL HEIGHT
 $HVM=HVP \times 2$

LVP=LARGHEZZA VANO PASSAGGIO
 FREE PASSAGE WIDTH
 $LVP=LVM/2$

HVP=ALTEZZA VANO PASSAGGIO
 FREE PASSAGE HEIGHT
 $HVP=HVM/2$

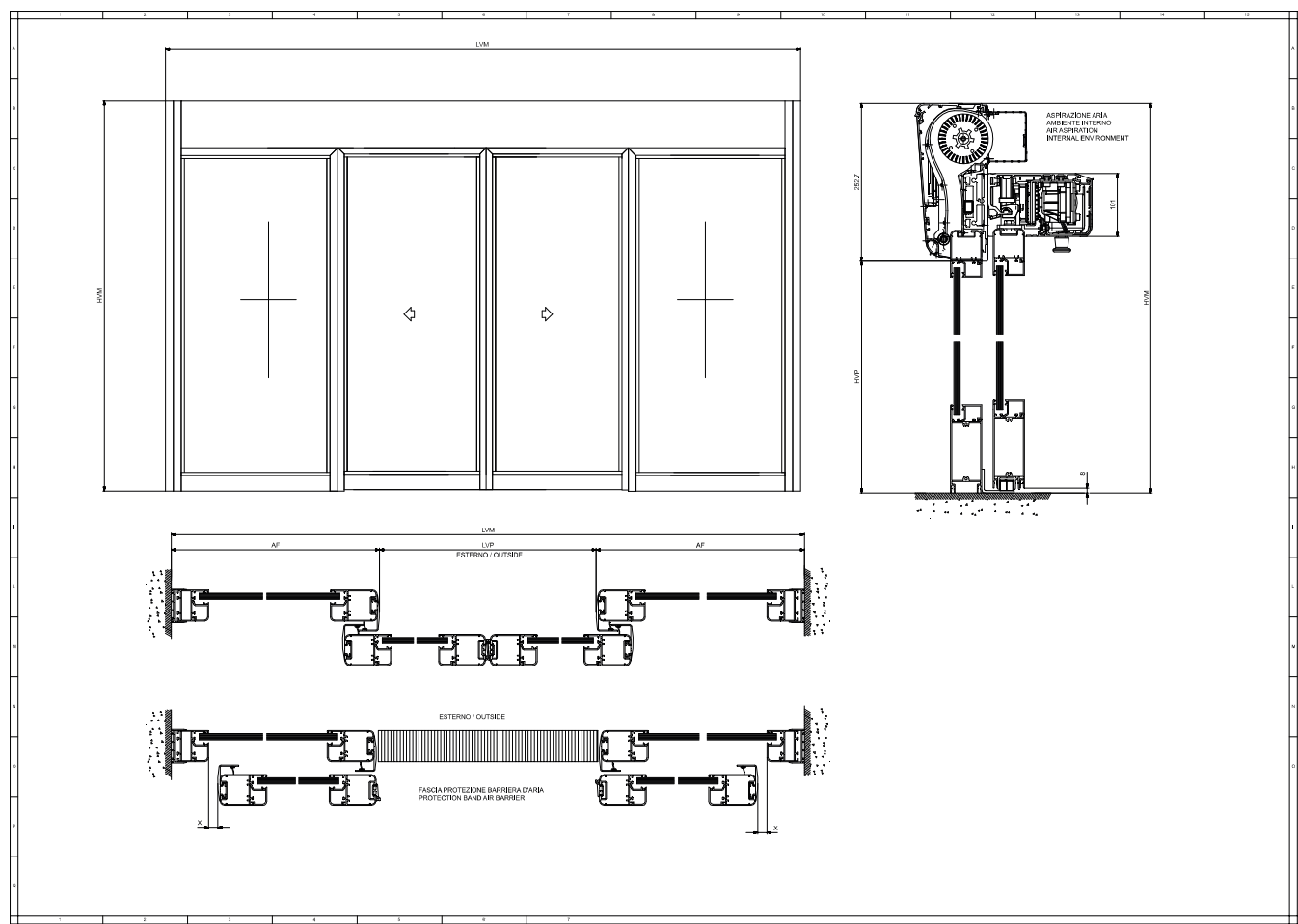
X=DISTANZA DI SICUREZZA min. 25 mm.

*PER I PESI E LE DIMENSIONI MAX. DELLE ANTE
 FARE RIFERIMENTO ALLE SPECIFICHE TECNICHE
 RIPORTATE NEI CATALOGHI.

*IN ORDER TO GET MAX DOOR WEIGHT AND
 DIMENSIONS, PLEASE REFER TO THE SPECIFICATIONS
 REPORTED IN THE CATALOGUE.

AIRSLIDE

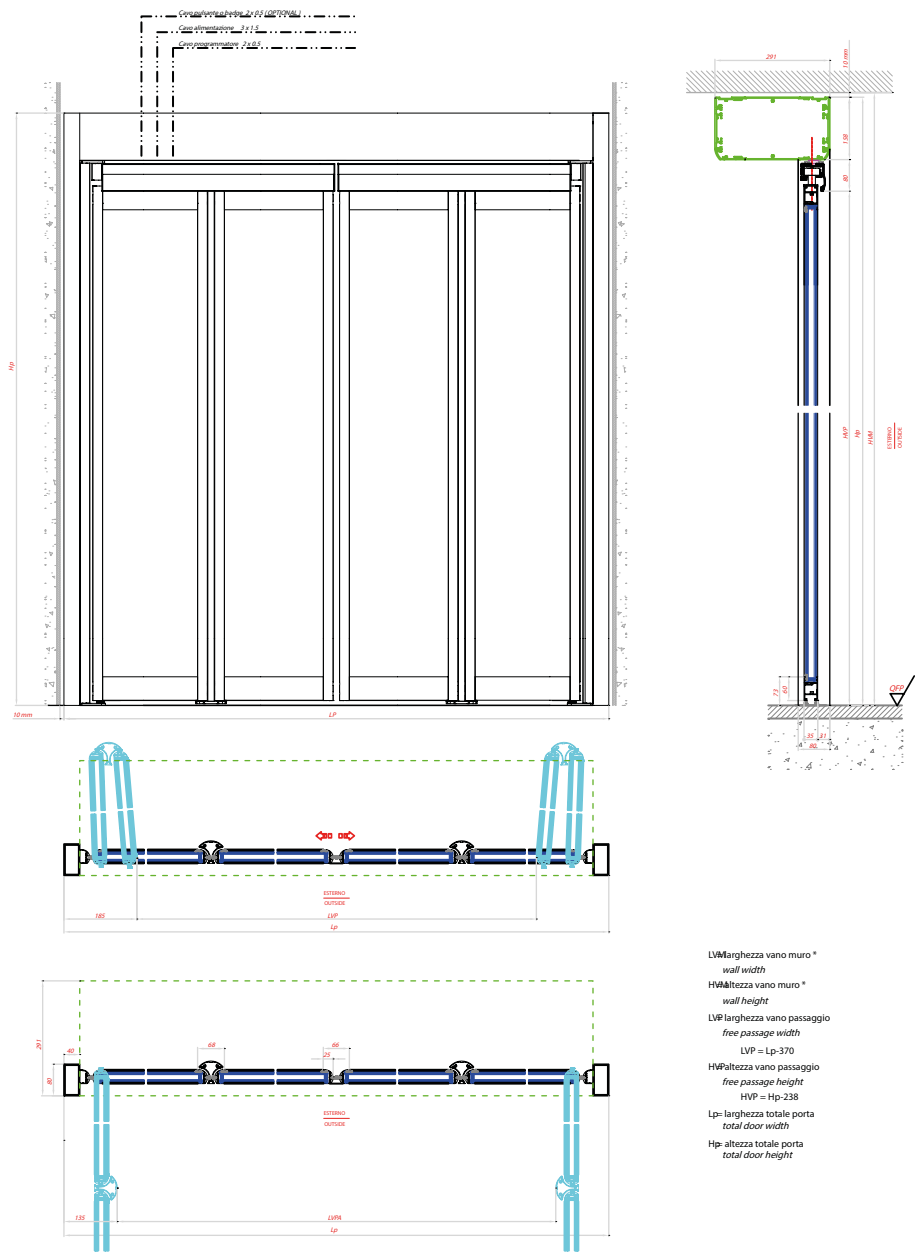
AIR SHIELD AND A1400 AIR



Note: dimensions in mm

SF1400

SF1400 INSTALLATION EXAMPLES



LVW larghezza vano muro *
wall width
HWW altezza vano muro *
wall height
LVP larghezza vano passaggio
free passage width
LVP = Lp-370
HVP altezza vano passaggio
free passage height
HVP = Hp-238
Lp larghezza totale porta
total door width
Hp altezza totale porta
total door height

PROFILI: ESTRUSI IN LEGA DI ALLUMINIO UNI 9006-01 ALMAGOS (6060)
TOLLERANZE: DIMENSIONI E SPESSORI UNI 3879
VETRI: STRATIFICATI EN 12600

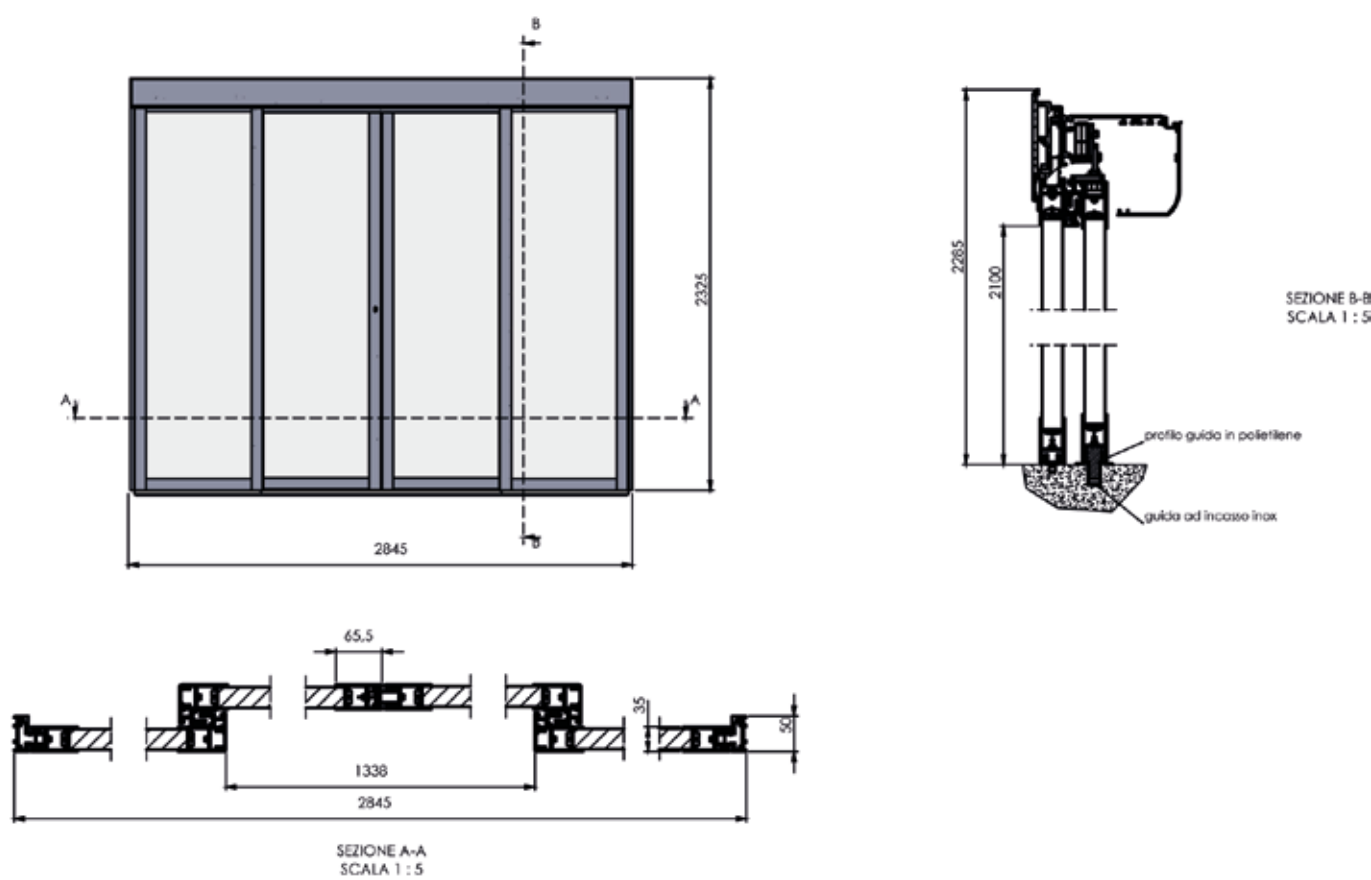
| | | | |
|--|------------------------|----------|------|
| | OGGETTO: | DIS. N°: | |
| | | C | |
| | | B | |
| | | A | |
| | Porta a soffitto SF140 | REV. | DATA |

Note: dimensions in mm

SKR35

EXAMPLE OF INSTALLATION WITH SKR35

SKR35 SEZIONI



Note: dimensions in mm

WARRANTY CONDITIONS

GENERAL CONDITIONS OF SALE

1. OBJECT AND SCOPE

1.1. These "General Terms and Conditions of Sale" (hereinafter, the "**Conditions**") apply to any and all sale or supply agreements (hereinafter, jointly defined, the "**Contracts**" and, individually, the "**Contract**") executed between FAAC S.p.A. soc. Unipersonale, (hereinafter, "**FAAC**"), as vendor, and the direct client of FAAC, as purchaser (hereinafter, jointly defined, the "**Clients**" and, individually, the "**Client**"), which concerns the products manufactured and/or sold by FAAC, including but not limited automations for barriers, doors, gates, tubular, traffic bollards, access control software and their accessories (hereinafter, jointly defined, the "**Products**" and, individually, the "**Product**"). These General Conditions, therefore, apply only towards the Clients and don't extend to third parties.

1.2. The final user (hereinafter, the "**Final User**") to whom the Products are sold and/or installed must exclusively contact its own retailer for any warranty. It's expressly understood that, if the Final User is a "consumer", the warranty will be regulated by European laws for the consumer protection.

1.3. Except as provided in these Conditions, the right of recourse of the seller/retailer and/or the Client to FAAC is expressly excluded.

1.4. If the Client or the retailer also performs the installation of the Products, he must guarantee the correct installation, the connected activities (i.e. building works and electrical works) and the compliance with the local laws (if any) on safety, releasing all the necessary documentation.

2. PREVALENCE

2.1. In the event of any discrepancies between the provisions of this Conditions and those provided for in the Contract, the provisions of the Contract shall prevail, if agreed in writing.

2.2. In no case shall any general conditions of contract of the Client will be binding on FAAC, even if mentioned or included in orders or in any other documents transmitted by the Client to FAAC. No conduct of FAAC shall be interpreted or used to express tacit acceptance of FAAC to the general condition of contract of the Client. Therefore, all Contracts, offers, acceptance of orders and all deliveries by FAAC shall be deemed to have been made pursuant to the following General Conditions, except as otherwise expressly provided in writing by FAAC.

3. EXECUTION OF THE CONTRACT, TOLERANCES

3.1. Except as expressly indicated in point 3.3 below, the Contracts between FAAC and the Client may be concluded as follows:

(A) by signing a written agreement drafted in a sole document, being understood that, in this case, the Contract is deemed concluded when the last signature has been affixed;

(B) by the exchange of document (by @mail or, in general, any electronic/informatics tools), as follows: (i) the Client sends a purchase order (hereinafter, the "**Purchase Order**") to FAAC containing indication of the Products, the quantity requested, the delivery terms, information regarding their use, and all the technical data necessary to identify the specifications of the Products (ii) FAAC sends to the Client its written acceptance (hereinafter, "**Order Confirmation**"), being understood that FAAC shall, at its sole discretion, be entitled to accept or refuse the purchase orders of the Client. In this case, the Contract will be considered executed once the Client receive the Order Confirmation; or

(C) by the exchange of the documents as follows: (i) FAAC sends to the Client an offer, having legal value as a proposal, in which it specifies as, but not limited to, the exact identification of the Products, the quantity, prices, and terms of delivery and payment (hereinafter, the "**Offer**"), and (ii) the Client signs the Offer in acceptance and returns it to FAAC, this last document having a legal acceptance value (hereinafter, the "**Acceptance**"). In this case, the Contract is concluded at the conditions set forth in the Offer upon receipt by FAAC of the written Acceptance. It is expressly understood that Acceptance by the Client must reach FAAC

within the period of validity of the Offer indicated therein or the Offer loses all validity.

3.2. The Contract cannot be cancelled by the Client, except with the written consent of FAAC and reimbursement by the Client of any loss, cost, or damage suffered by FAAC because of the cancellation by the Client.

3.3. It is expressly understood that the execution of the Contract by FAAC is conditioned to the obligation of the Client to pay any previous invoices issued by FAAC and not paid by the Client in terms.

4. SELLING PRICE OF THE PRODUCTS

4.1. Unless otherwise agreed in writing by FAAC and the Client, the prices applicable to each sale/supply of Products are indicated in FAAC's price list in force as of the date of conclusion of the Contract (hereinafter "**Selling Price**"), and the Selling Price is expressed in EURO.

4.2. The Selling Price, as well as any discounts applied by FAAC, shall be intended net of VAT and are subject to changes during the validity of FAAC's price list.

4.3. The Selling Price is intended "FCA" (in accordance to the most recent edition of the ICC'S Incoterms) – at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages – VAT and shipping cost excluded.

5. PAYMENT

5.1. Except as otherwise agreed in writing, payment for all Products shall be effected by means of:

(A) An irrevocable letter of credit ("**L/C**"), confirmed by a primary International bank, which has an official branch in the Client's country, in compliance with publication 500 of the International Chamber of Commerce as updated from time to time, and valid for at least 30 days from the anticipated date of final delivery; or in alternative,

(B) a bank wire transfer in accordance to the payment terms as agreed in writing by FAAC and the Client.

5.2. Delivery of the Products is conditional upon the issuing of the above L/C's or the payment of the price by any other means, which may have otherwise been authorised in writing by FAAC. Regardless of the means of payment agreed upon, it is understood that payments shall be deemed to have been effected at FAAC's place of business.

5.3. Under no circumstance shall the Client be entitled to suspend and/or delay payment of the Products or raise any claim in relation thereto until full payment has been made. In the event of any payment, FAAC shall be entitled to exercise its right provided under the laws in force where the Client is established in relation to late payment in commercial transaction, without prejudice to its right to seek any further damages. In any event, FAAC may, (i) terminate the Contract in relation to the Products not yet delivered and/or (ii) delay the carrying out of any order in hand, inter alia, by suspending delivery of the Products until such time as all outstanding debts owed by the Client to FAAC have been paid.

6. OTHER EXPENSES AND DUTIES

6.1. Unless otherwise agreed between FAAC and the Client, the price applied to any sale of Products are for delivery "FCA" (in accordance to the most recent edition of the ICC'S Incoterms) at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages, therefore FAAC shall not enter into any shipment or transportation agreement and shall not insure the Products, unless the Client should so expressly instruct FAAC in writing, being understood in any event that any and all risk and expenses in relation thereto shall be borne exclusively by the Client.

6.2. The Client agrees promptly to collect the Products upon receiving notice that the Products are ready and at its disposal and, in any event, within 8 (eight) days of the date of said notice.

6.3. Any and all taxes, duties, levies, licenses, authorisation, permits and any and all tax and administrative formalities relating to the importation and/or resale of the Products shall be borne and carried out exclusively by the Client or, alternatively, they may be carried out by FAAC at the Client's sole risk, expense and responsibility.

6.4. Standard packing of the Products suitable for air, land and sea transportation in container will be provided by FAAC free of charge. If the Client requires any special packing, the full cost of said special packing shall be invoiced by FAAC to the Client.

7. DELIVERY

7.1. All the delivery dates given by FAAC shall be deemed as indicative, not binding and are expressed in working days. In any event of late delivery, the Client shall not be entitled to cancel the Contract or to any compensation for damages of whatever nature.

7.2. Unless otherwise agreed between FAAC and the Client, the Products shall be delivered "FCA" (in accordance to the most recent edition of the ICC's Incoterms) at FAAC's place of business in Zola Predosa (Bologna – Italy) or at other FAAC's storages and, therefore, the Products are delivered (that is, the risks and costs pass from FAAC to the Client) when they are loaded on the carrier's means of transport made available by the Client.

7.3. The Products thus delivered to Client must not be returned by the latter to FAAC for any reason, unless authorized in writing by FAAC which will indicate also the terms and conditions of such authorized return (hereinafter, **"Commercial Return"**).

7.4. In case of missing or excess Products, the Customer must inform the relevant customer service of FAAC by @mail within 15 (fifteen) days following the receiving date of the Product.

8. QUALITY STANDARDS

8.1. FAAC does not represent or guarantee the Client that the Products comply with the applicable laws and regulations in force in the country where the Client is established or where the Products are to be sold and/or delivered and/or installed. FAAC shall have no obligation to modify the Product in compliance with said laws or regulations and the Client shall be solely responsible for ensuring that the Product and any services of the Client conform to the applicable technical and safety standards, laws, and regulations in force in that country.

8.2. The Client, moreover, acknowledges that the Products may be dangerous to persons or property when not installed or not used in strict compliance with the instructions for installation and use supplied by FAAC and with the safety requirements specified in the technical standards. FAAC expressly disclaims liability for any personal injury or property damage resulting from installation or use of the Products, other than in strict compliance with FAAC's written instructions with respect to installation and use, or from installation or use of the Products together with safety accessories or other Products not manufactured by FAAC, being understood that the maximum liability of FAAC to the Client arising out of or in connection with the Product and based on a claim of breach or under the warranty, shall in no case exceed the price paid to FAAC for the Product which gives rise to the claim and, therefore, in no event FAAC shall not be liable also for special and consequential damages including, without limitation, loss of profits and indirect damages.

9. WARRANTY

9.1. FAAC warrants and guarantees to the Client that all new Products shall be free from manufacturing defects, under normal use and service, for a period of (i) 30 (thirty) months from the manufacturing date (as shown on the tag plate of each Product) for all Products other than Tubular Motor (the **"Warranty Period for Products other than Tubular Motor"**); and (ii) 5 (five) years from the manufacturing date (as shown on the tag plate of each Product) for all Products included in the tubular motor range (the **"Warranty Period Tubular Motor"**).

9.2. The Client acknowledges and agrees that FAAC's warranty is expressly limited to manufacturing defects and that said warranty shall not extend to any damage to the Products resulting from other causes, including, without limitation, misuse, transportation, or faulty

installation thereof. The maximum liability of FAAC to the Client, arising out of or in connection with the Products in question and based on a claim of breach or repudiation of warranty, shall in no case exceed the price paid to FAAC for the Product(s) in question and, in addition, FAAC shall not be liable also for special and consequential damages of the Client including, without limitation, loss of profits and indirect damages. Should FAAC be in breach of its representation and warranty under this article 9, FAAC's entire liability and the Client's exclusive remedy shall be the repair or replacement of the defective part Product free of charge at FAAC's own workshop unless otherwise agreed in writing between FAAC and the Client. With the prior written authorization of FAAC, the Client shall send the part to be repaired or replaced, free of charge, and FAAC shall examine said part to determine whether it is defective and whether the manufacturer is responsible for the defect; in which case only FAAC shall repair or replace the part, in its sole discretion, and shall send the repaired or replacement part to the Client who shall bear the cost of transportation and installation only. Any Products which may have been returned without FAAC's prior written authorisation shall not entitle the Client to any credit notes or reimbursement. In any event, any and or risk and expenses relating to the return of the Products shall be born exclusively by the Client. Any claims relating to the defects of the Product in question, together with all the necessary photographic evidences of the claimed defect, must be sent to FAAC by registered letter or by @mail or, in general, any electronic/informatics tools within (i) 8 (eight) days following the receiving date of the Product in the case of evident defects and/or (ii) 8 (eight) days following the date of discovery in the case of latent defects and in any event, within the Warranty Period for Products other than Tubular Motor and/or the Warranty Period Tubular Motor, failing which the Client shall lose all right to bring any claim in relations thereto. Any and all further or other warranties, are they expressed or implied, including without limitation any warranties provided by law, shall be deemed excluded and superseded by these conditions. FAAC further disclaims all expressed, statutory, or implied warranties applicable to Products and accessories which are not manufactured by it.

9.3. Unless otherwise agreed between FAAC and the Client, (i) the Product, repaired or replaced, will be sent to the Client in full charge of the Client (FCA); (ii) warranty intervention does not extend the original warranty period of the Product and does not initiate a new warranty period for the repaired or replaced part; (iii) the repaired or replaced part will be owned by FAAC; (iv) the Customer will lose the warranty if he does not pay the invoices.

9.4. Warranty excludes the damages connected to: (i) transport; (ii) faults and/or negligence and/or inadequacy of the installation and of the use of the electrical system; (iii) tampering by unauthorized personnel or the use of components and / or nonoriginal spare parts; (iv) defects caused by chemical agents or atmospheric and / or natural phenomena in general; (v) the installation of the Products not according to the rules of the art, safety and compliance of use expressly indicated in the technical documentation of the same Products. Furthermore, warranty not include (vi) the consumables; (vii) interventions for verification of any faults not found; (viii) compensation for the period of inactivity of the plant where the Products are installed.

10. TITLE

10.1. Title to the Products shall pass to the Client only upon payment in full of the sale price of the Products. In the event of default by the Client, FAAC shall be entitled, without any formalities, including notice of default, to repossess all of the Products with respect to which title has not yet passed to the Client, wherever said Products may be; in addition, FAAC reserve the right to seek any other judicial remedies available to it in respect of the damages suffered.

11. PRIVACY

11.1. Under the clause 13 of the del Regulation (UE) 2016/679, FAAC, as data controller (hereinafter, the "Data Controller"), inform the Client that all the data disclosed by the Client in the performance of the Contract which is personal shall be processed according to such Regulation 2016/679 and, therefore, declare as follows: (a) the processing of data will be carried out, in compliance with such Regulations, by means of paper, computer or telematics means capable of storing, managing, transmitting the data itself, however by means of suitable means to guarantee their security and confidentiality; (b) the objective of the processing will be related and instrumental to the conclusion, management and execution of the General Conditions and the Contracts and for any administrative and accounting purposes connected with them (for example, but not limited to, handling of orders and invoices,

11. PRIVACY

drafting contracts including credit insurance; assignment of claim agreement; transportation and/or shipment agreement; etc.); for marketing purposes related to similar products to those already acquired, because it is a lawful interest of FAAC (under clause 6, Regulation 2016/679); for purposes related to the enforcement of legal obligations, regulations, Italian and UE regulations, as well as to order of competent Authority; (c) the transfer of the data is mandatory for all that is required by legal and contractual obligations and therefore any refusal by the Client to communicate the data or to enable it to be processed subsequently may cause the impossibility for FAAC to give rise to the obligations of the Contract; the transfer is discretionary for marketing activities; (d) the data will not be disclosed, but can be communicated exclusively for the above purposes, to the appropriate authorized persons for which will be necessary to make such communication for the purposes set out in the above letter (b), such as the other companies in the group to which FAAC belongs; (e) the Client has the right to access to its personal data, emend, cancel, limit the processing, to oppose, in addition to the right to portability, by submitting formal requests directly to the Data Controller; the Client has also the right to make a claim to the supervisory Authorities; (f) the data will be stored for commercial and marketing purposes for all the duration of the commercial relationship between FAAC and the client; after for the sole law's purpose; (g) the Data Controller is FAAC, Via Calari n. 10, Zola Predosa, Bologna – Italy.

12. FORCE MAJEURE

12.1. FAAC shall not be liable or reasonable to the Client for any failure or delay in performing of fulfilling any obligations undertaken in reference to the supply of the Product when such failure or delay is caused by occurrences beyond FAAC's reasonable control, or in any case caused by an event of force majeure, including, but not limited to, late delivery or nondelivery of materials by suppliers, strikes and other trade union actions, terrorist activities, suspension of electrical energy or difficulties in transportation. In the event of such events, the activities which cannot be performed shall be automatically postponed, without any penalty for FAAC, for a period equal to the situation of force majeure.

13. APPLICABLE LAW AND DISPUTE RESOLUTIONS

13.1. Unless provided at art. 13.2 below, any dispute that may arise in relation to the interpretation, performance, execution, validity and/or dissolution of the Contracts and/or connected to the Contracts, will be exclusively governed to the Italian laws - with the express exclusion of the 1980 Vienna Convention - and, the Court of Milan will have exclusive jurisdiction.

13.2. Any dispute related to and/or connected to breach of the obligations set forth in the art. 5 of this Condition will be exclusively governed to the Client's national laws - with the express exclusion of the 1980 Vienna Convention - and the competent Court will be the court where the Client is established.

14. OTHER

14.1. The invalidity or unenforceability of any provision, or portion thereof, of this Conditions shall not affect the validity or enforceability of any other provision.

14.2. Any failure by FAAC to enforce any of its rights under this General Conditions shall not be construed as a waiver of said rights.

14.3. This General Conditions supersede any prior agreement, whether written or oral, between FAAC and the Client, with respect to the subject matter.

14.4. Any amendment to this General Conditions shall be effective only if made in writing and duly signed by the FAAC and the Client.

14.5. Any software contained in the Products is the property of FAAC and is licensed free of charge and under non-exclusive basis, unless otherwise agreed in writing between the parties.

14.6. The Client is aware that the Products are covered by patents and are the subject of know-how and design constituting the exclusive industrial property of FAAC. It is expressly forbidden for the Client to violate these rights of FAAC and in any case to remove, suppress and/or alter the

trademarks and other distinctive signs or initials of any kind affixed to the Products, as well as to add new ones of any kind and/or nature. Unless authorized in writing by FAAC, any form of reproduction and/or use of the FAAC trademark and/or any other distinctive sign present on the Products is prohibited.

14.7. FAAC has implemented a Code of Ethics which is available on web site of FAAC www.faac.it or www.faacgroup.com and which the Client accepts to respect in each party.

14.8. According to the laws in force and, in particular, to the Regulation (EU) 2018/1912, the Client is obliged to return to FAAC the carriage of goods document called International Consignment Note (hereinafter, the "CMR") duly signed, within 10 days from the delivery of the Products and by email to the following address: orders.it@faacgroup.com. The CMR will be delivered to the Client by the courier. In case the Client fails to return the CMR to FAAC duly signed, in conformity to the terms and conditions above indicated, FAAC will be entitled to charge to the Client the related sales tax (VAT), if and when requested by the competent Authority.

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