



A1400 AIR

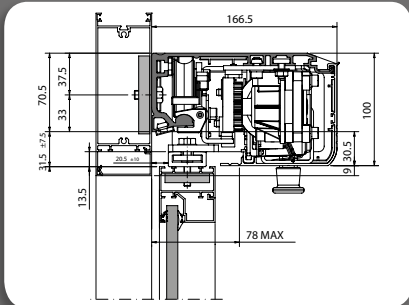
Automation for sliding doors

FAAC
Simply automatic.

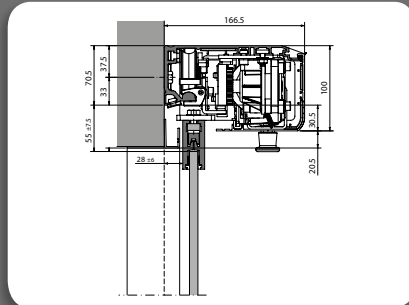
A1400 AIR

The right solution
for all your needs

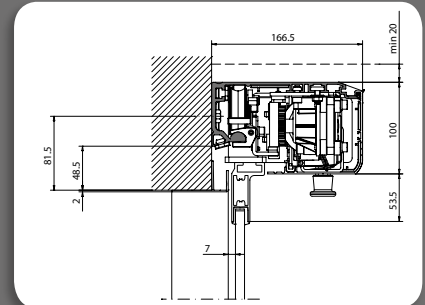
SOLUTIONS WITH COVER H 100 mm



With commercial profiles

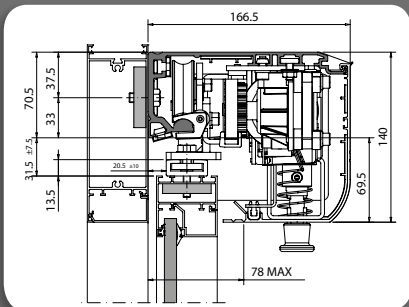


With FAAC gripper for polished edge glass

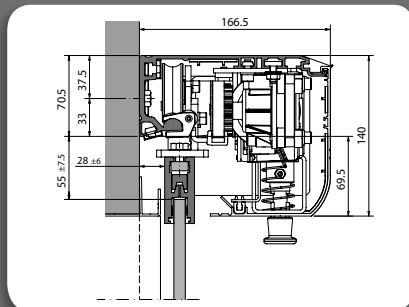


With FAAC TK20 reduced section profiles

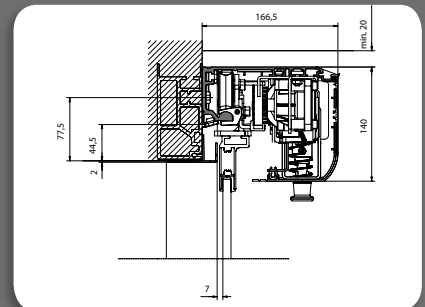
SOLUTIONS WITH COVER H 140 mm



With commercial profiles

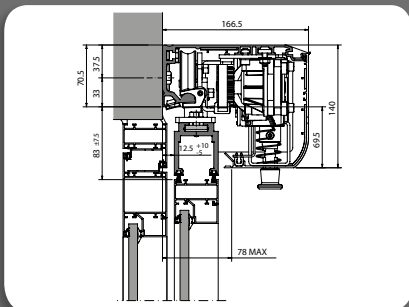


With FAAC gripper for polished edge glass

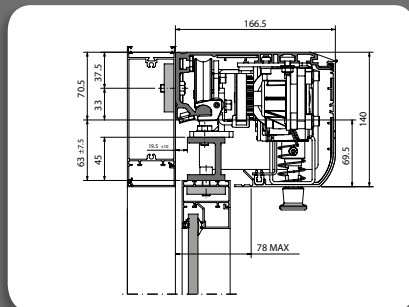


With FAAC TK20 reduced section profiles

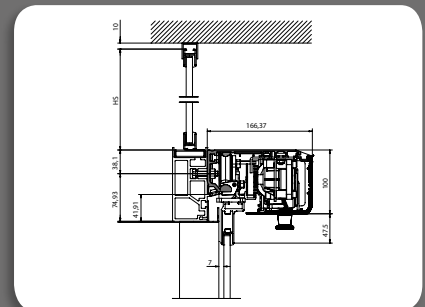
SOLUTIONS WITH SPECIAL VERSIONS H 100 MM AND H 140 MM



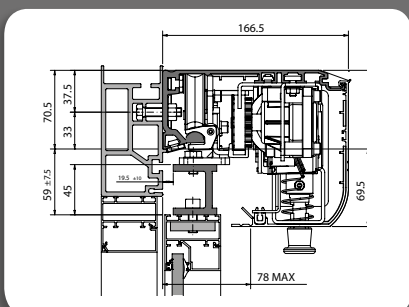
With profiles for APN anti-panic
breakout systems



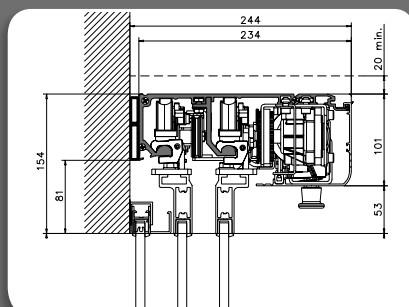
With spacers



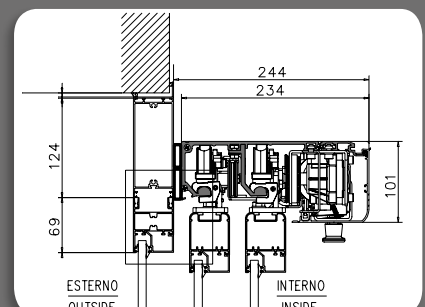
With self-supporting profile, transom and FAAC
TK20 reduced section leaf profiles



With self-supporting profile and spacers



Telescopic version with installation
on masonry



Telescopic version with installation
on head section

The future is here

The FAAC A1400 AIR SERIES automations are designed to automate entrances in compliance with European standard EN 16005; in fact, they are able to meet the most stringent safety requirements of EN 13489-1 PI "c".

Its innovative "Energy Saving" device enables it to identify the direction of transit and optimises opening / closing times perfectly to avoid unnecessary air dispersion, even in the event of cross traffic.



The A1400 AIR automation is customisable and can be assembled to meet the architectural and technical requirements of the customer. Its two types of cover, the exclusive leaf attachment systems and the various leaf profiles that can be used make it possible to achieve the best technical and architectural solution.

Designed to operate at best in any condition and in any environment, it is the optimum solution for technicians who wish to save assembly time, by rationalising inventories for the final customer who will have full access to a product that is personalised, ecological, reliable, safe, technologically advanced and above all, that will pay for itself over time.



MADE IN ITALY

TECHNICAL CHARACTERISTICS

Power supply	220-240 V~ - 50/60 Hz
Max power	140 W
Frequency of use	100%
Max leaf thickness	65 mm
Electric motor	36V motor  with encoder
Max. accessories load	1A - 24V 
Drive type	Electro-conductive toothed belt
Opening speed adjustment	10 - 75 cm/s (1 leaf), 20 - 150 cm/s (2 leaves)
Closing speed adjustment	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	Standard
Protection sensor monitoring (EN16005)	Standard (may be bypassed)
Low Energy movement (EN16005)	Standard (may be bypassed)
Operating temperature	-20°C to +55°C
Protection rating	IP 23 (for indoor use only)
Compliance with standards	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





MOTOR WITH ELECTRIC LOCK

1



TELESCOPIC VERSION

3



SLIDING CARRIAGES

Carriages with sliding wheels made of synthetic material mounted on bearings and reinforced for double motor versions. Sliding on an anodised aluminium track integrated into the profile.

4

ACCESSORIES

Clamping profiles for glass leaves.

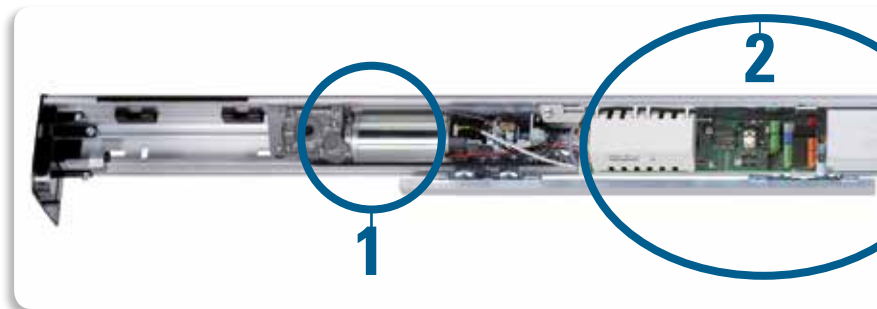


Anti-panic breakout system.

Not available for the telescopic version.

Compatible with

FAAC TK20 and **TK50** series profiles.



1

2



SLOT FOR FAST MECHANICAL INSTALLATION

5

AUTOMATIC ADJUSTMENTS

Determination of opening and closing positions. Selection of ideal speed, acceleration and deceleration. Protection sensor monitoring. Anti-crushing safety device in compliance with EN 16005.



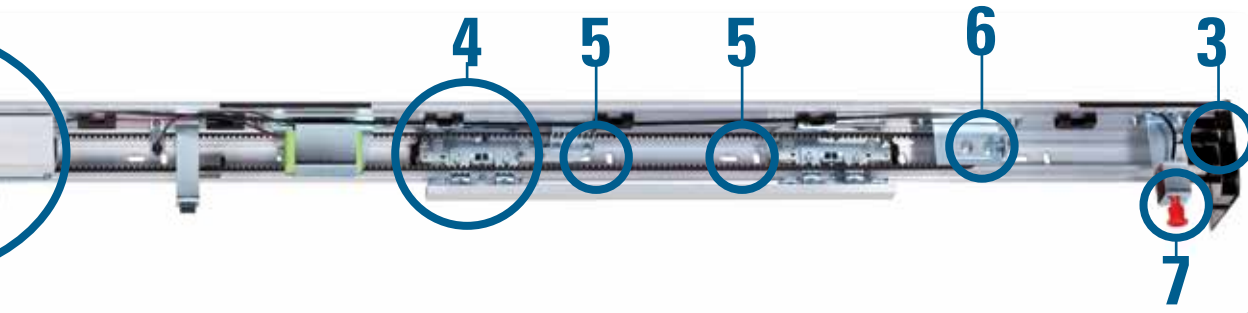
CONTROL UNIT WITH SWITCHING POWER SUPPLY

2



SECOND MOTOR KIT AVAILABLE AS AN ACCESSORY

6



MANUAL RELEASE WITH KNOB

7

USE

MODEL	LEAF	PASSAGE OPENING (mm)	MAX. LEAF WEIGHT (mm)	SELF-SUPPORTING BEAM
A1400 AIR 1	Single	700-3000	200 Kg	No
A1400 AIR 2	Double	800-3000	120+120 Kg	No
A1400 AIR A 1	Single	700-3000	200 Kg	Yes
A1400 AIR A 2	Double	800-3000	120+120 Kg	Yes
A1400 AIR DM 1	Single	800-3000	250 Kg	No
A1400 AIR DM 2	Double	900-3000	180+180 Kg	No
A1400 AIR T 2	Single telescopic	1100-3000	110+110 Kg	No
A1400 AIR T 4	Double telescopic	1400-4000	60+60+60+60 Kg	No
A1400 AIR A T 2	Single telescopic	1100-3000	110+110 Kg	Yes
A1400 AIR A T 4	Double telescopic	1400-4000	60+60+60+60 Kg	Yes

A1400 AIR



SDK EVO PROGRAMMING AND FUNCTIONS KEYPAD

Supplied as an accessory, it comes with a large graphics display that allows full access to all the door parameters via the four buttons that allow the user to navigate through the menus

MAIN FUNCTIONS

MODEL	SDK EVO
Operating functions	Manual - Night - Automatic One-directional - Partial One-directional Partial opening - Open - Reset and setup
Operating functions selection	Via buttons with indication of the selected function on the display. Option of locking the keypad via a jumper or a combination of keys.
Main programming functions	User and installer password entry - Opening and closing speed adjustment- Opening and closing force adjustment - Anti-crushing adjustment - Pause time adjustment - Energy Saving Enable - Diagnostics display management - Weekly calendar management - Battery kit and motor block management - I/O programming - Maintenance cycles notification - Display of number of cycles performed
Programming	Full with PROGRAMMER password and basic with USER code.



LK EVO FUNCTIONS SELECTOR

Supplied as an accessory, it allows the main functions of the automation to be accessed and indicates if they are enabled by means of LEDs.

MAIN FUNCTIONS

MODEL	LK EVO
Operating functions	Manual, Automatic, Night, Open, One-directional, Partial opening
Operating functions selection	Via buttons with LED indication of the selected function
Selectable functions	Setup, Reset, Keyboard inhibit (also via jumper)
Diagnostics	Via combinations of flashing LEDs

ACCESSORIES

XV1 DUAL TECHNOLOGY RADAR
"MOVEMENT AND PRESENCE"



XDT1 DUAL TECHNOLOGY, MICROWAVE
AND ACTIVE INFRARED THRESHOLD SAFETY SENSOR
"MOVEMENT AND PRESENCE"



XMS TOUCH BUTTON



ELBOW SWITCH



EMERGENCY BATTERY WITH
CHARGE
CONTROL
BOARD



MONOSTABLE XM LOCK
MOTOR BLOCK



BISTABLE XB LOCK MOTOR
BLOCK
W/KNOB



MOTOR BLOCK AND LEAF
POSITION
MONITORING



XTRB TAG READER



A1400 AIR QUALITY COMPLIANCE

Head for 2,000,000 cycles (opening and closing) according to DIN 18650-1.
Compliant with the Low Voltage Directive (2014/35/EU), Electromagnetic Compatibility Directive (2014/30/EU), Machinery Directive (2006/42/EC) and the RoHS Directive 2011/65/EU

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