

# Olly, Dok

Motorised automations and runners  
for straight sliding doors and frames

ENG



Advanced entrance technology

## ▶ Motorised automations and runners for straight sliding doors and frames

Olly and Dok allow to automate new and existing sliding internal doors and frames.

They have been designed to ensure easy installation on door frames of any size and weight, as well as to meet a very wide range of applications.



## ▶ Product range

| Description: | Automations for sliding frames |                                       | Multipurpose automations for sliding doors and frames |  |
|--------------|--------------------------------|---------------------------------------|---|--|
|              | OLLY E                         | DOK E                                 | OLLY C  | DOK M  |
| Application  | frames                         | frames                                | doors   | doors and frames   |
| Max capacity | 80 kg                          | 250 kg (1 motor)<br>300 kg (2 motors) | 40 kg   | 100 kg (reduction ratio 1:2)<br>250 kg (reduction ratio 1:6) |

## ▶ Technical specifications

| Description:                      | OLLY E                 | DOK E   | OLLY C                  | DOK M   |
|-----------------------------------|------------------------|---|-------------------------|---|
| Travel control system             |                        |   | encoder                 | encoder   |
| Duty class                        | 2 - light              | 3 - medium  | 3 - medium              | 3 - medium (reduction ratio 1:6)<br>4 - heavy (reduction ratio 1:2) |
| Intermittent operation            | S2 = 7 min<br>S3 = 15% | S2 = 15 min<br>S3 = 30%                           | S2 = 30 min<br>S3 = 50% | S2 = 15 min<br>S3 = 30%   |
| Power supply                      | 19 V=                  | 24 V=   | 230 V~ / 50-60 Hz       | 230 V~ / 50-60 Hz   |
| Insulation class                  | class 3                | class 3   | class 1                 | class 1   |
| Input                             | 1.8 A                  | 1.8 A   | 0.2 A                   | 0.6 A   |
| Thrust                            | 50 N                   | 140 N (1 motor)<br>280 N (2 motors)               | 30 N                    | 140 N (reduction ratio 1:6)<br>50 N (reduction ratio 1:2)           |
| Opening speed                     | 0.1 m/s                | 0.15 m/s  | 0.4 m/s                 | 0.25 m/s (reduction ratio 1:6)<br>0.7 m/s (reduction ratio 1:2)     |
| Closing speed                     | 0.1 m/s                | 0.15 m/s  | 0.2 m/s                 | 0.15 m/s (reduction ratio 1:6)<br>0.5 m/s (reduction ratio 1:2)     |
| Maximum opening                   | 3.5 m                  | 6 m   | 2 m                     | 6 m   |
| Release system for manual opening |                        | handle  | OC LOKA                 | handle  |
| Operating temperature             | -20°C / +55°C          | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled) | -20°C / +55°C           | -20°C / +55°C   |
| Protection rating                 | IP20                   | IP10D - IP13D (with guard)                        | IP20                    | IP12D   |
| Product dimensions (mm)           | 60x43x120              | 80x80xL   | 115x67x1000             | 80x80xL   |
| Control panel                     | R02H                   | VIVAH - 0906                                      | EL06A (built-in)        | 191P1   |

# Olly E

## Automation for sliding frames Easy to install, quiet and versatile For a more comfortable home

### Easy to use

Olly E is a compact, reliable automation designed to quickly automate internal and external window and door frames.

The automation makes life easier for users, allowing them to automatically open and close internal and external window and door frames.

### Versatile

The automation can be used in a wide range of domestic, commercial and industrial window and door frames, both visible and concealed.

### Functional

Its special synthetic belt allows Olly E to operate quietly and to move door or window wings weighing up to 80 Kg. The automation is controlled through a pushbutton panel or a remote control. These controls allow users to open external window frames without having to open the windows and be exposed to unpleasant temperature changes.

### Truly practical

Window and door frames can be centrally controlled by positioning all control switches in a single area of the house. This clever solution allows users to open and close all window and door frames from a single point, improving the quality of their daily life. It is particularly beneficial for older or physically impaired users, who will be able to open and close door and window frames from the central control switches without having to move from room to room or to leave the house.

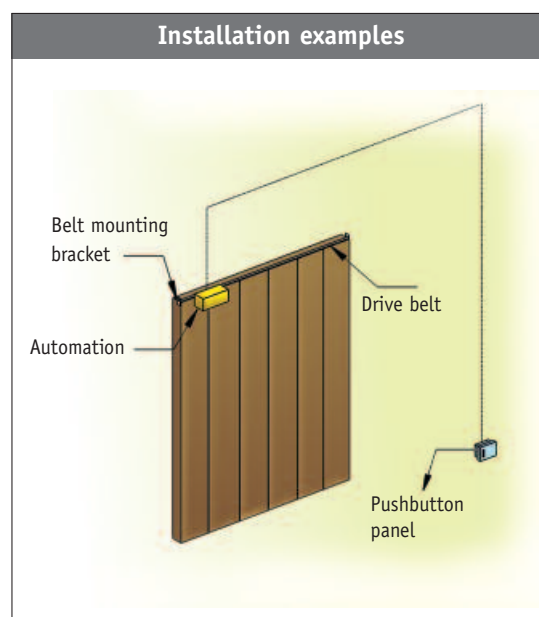
## A practical mounting set

The automation is supplied complete with:

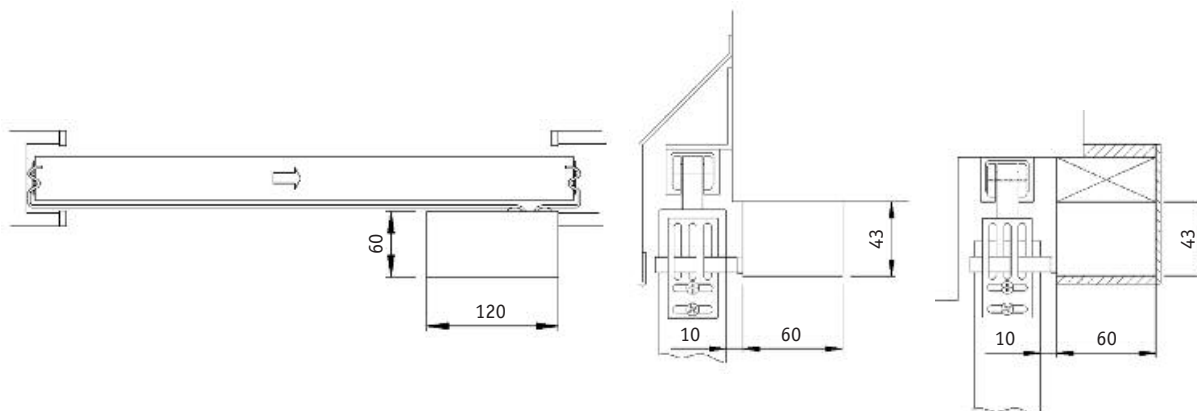
- a 1JE actuator
- a drive belt
- two belt connections
- a control panel complete with a built-in radio receiver.



### Installation examples



### Dimensions



# Dok E

## ▶ Multipurpose motorised runner for straight sliding door and window frames

### Wide range of applications

The Dok E system is the ultimate solution for all applications requiring the linear operation of a door or window frame.

### Can be enhanced with a full range of accessories

Dok E can be equipped with a wide range of the most popular accessories, such as photocells, detection sensors, floor platforms, pushbuttons etc. A full set of "dedicated" accessories (mounting brackets, seal brushes, joining kits, electrical control panels to control up to 6 automations, external guards, wing release systems) is also available, allowing the Dok E system to meet the most diverse applications.

An additional battery pack allows the automation to be operated without mains power.

### Dedicated accessories

- ▶ Wing stop device
- ▶ On-board stop device
- ▶ Lever-operated manual release system
- ▶ Battery operated anti-panic device

## ▶ Supplied ready assembled or in kit

The automation is supplied fully assembled or in kit form, in order to meet all possible requirements.



### Installation examples

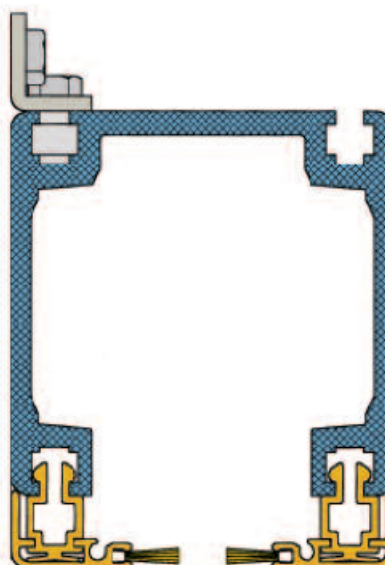
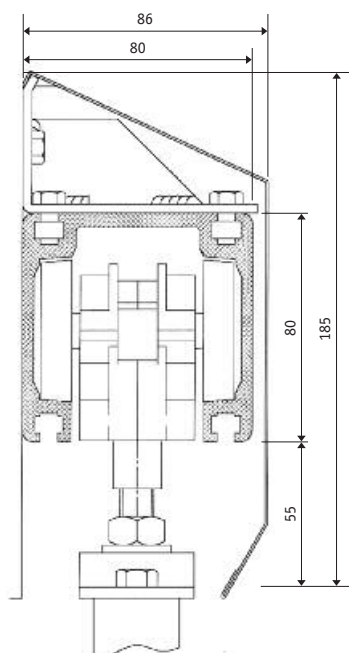
#### Dok E with two motors



#### Dok E with one motor, control panel and pushbutton panel



### Dimensions



# Olly C



► Automation for internal sliding doors  
Easy to install, versatile and quiet  
For a more practical and comfortable home

## Small in size, big in performance

Designed with space-saving in mind, the automation can be installed on commercially available runners for recessed panels.

## Suitable for any requirement

The automation is available in different versions: with infrared radar for remote operation and/or with pushbutton panel and/or remote control.

FRIENDLY FRIENDLY 

**PLUG & PLAY**

**PULL & GO**  
Opens and closes by gentle pulling  
in the sliding direction

**LOW ENERGY**  
Opens and closes with reduced  
energy and speed

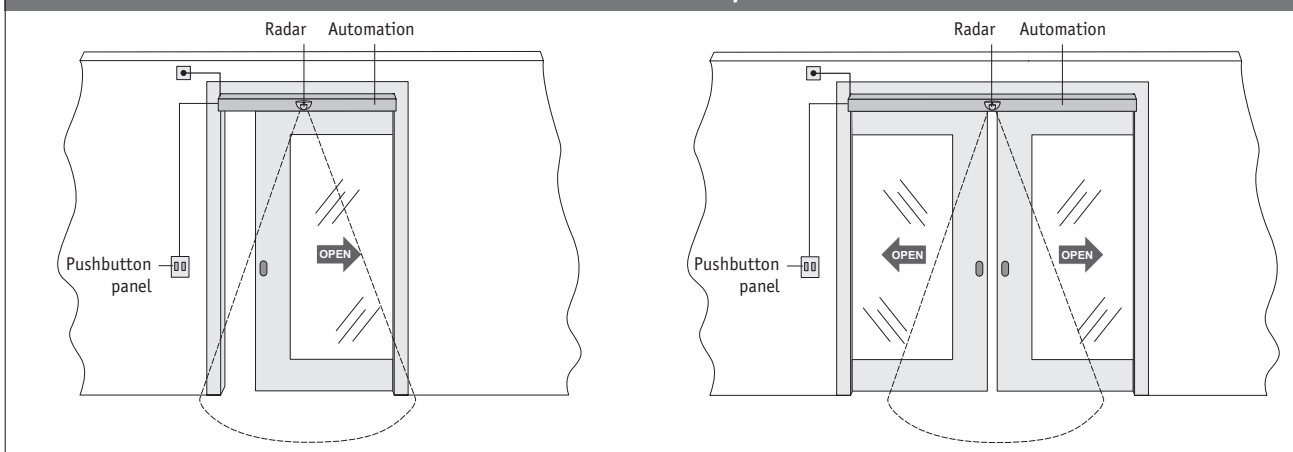
► Two practical mounting sets

The automation is supplied complete with two separate sets to make up 1 or 2 wings sliding doors. The sets consist of:

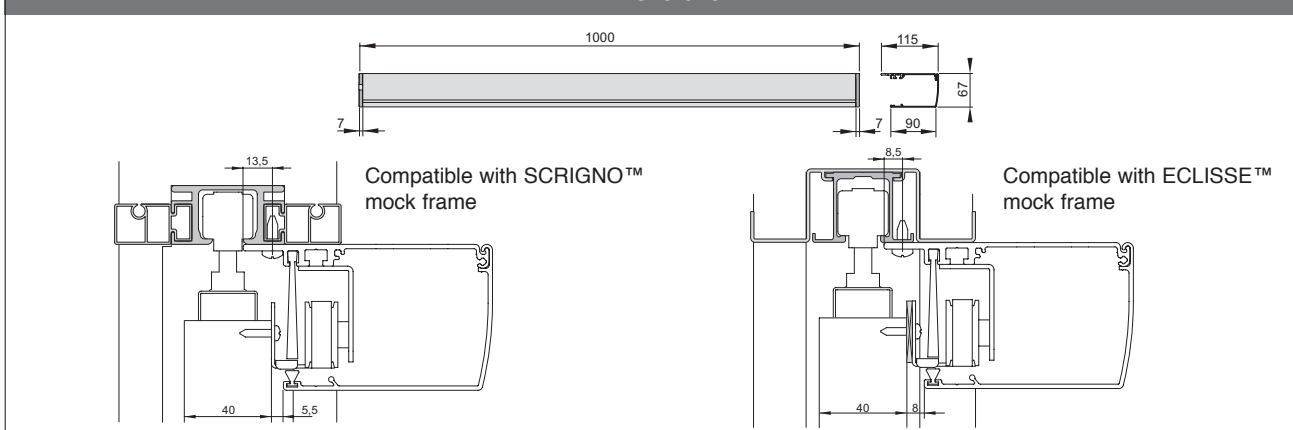
- an actuator complete with control panel
- a transmission unit
- a drive belt
- belt connections
- fastening brackets
- mounting profile and guard.



## Installation examples



## Dimensions



# Dok M

## ▶ Multipurpose motorised runner for straight sliding doors and frames

### Smooth and controlled operation

The Dok M system features a micro-processor based control system, which makes it the ideal choice when a smooth and controlled operation is required, such as automatic pedestrian doors.

### Suitable for a wide range of applications

Its reduction unit and electronic control panel are built in the same, side mounted unit, allowing the automation to be assembled in three different positions:

- with in-line gear motor,
- with front mounted gear motor,
- with stacked gear motor

### Full range of accessories

Dok M can be equipped with a full set of control and safety accessories, in addition to product specific devices. An additional battery operated system allows the automation to operate in emergencies.

### Meets all requirements

The automation is available in three versions: with infrared radar for automatic operation and/or with pushbutton panel and/or remote control.

### Specific accessories

- ▶ Locking device on board
- ▶ Lever-operated manual release system
- ▶ Battery operated anti-panic device

## ▶ Supplied ready assembled or in kit

The automation is supplied fully assembled or in kit form, in order to meet all possible requirements.



### Installation examples

Dok M with in-line gear motor and control panel.



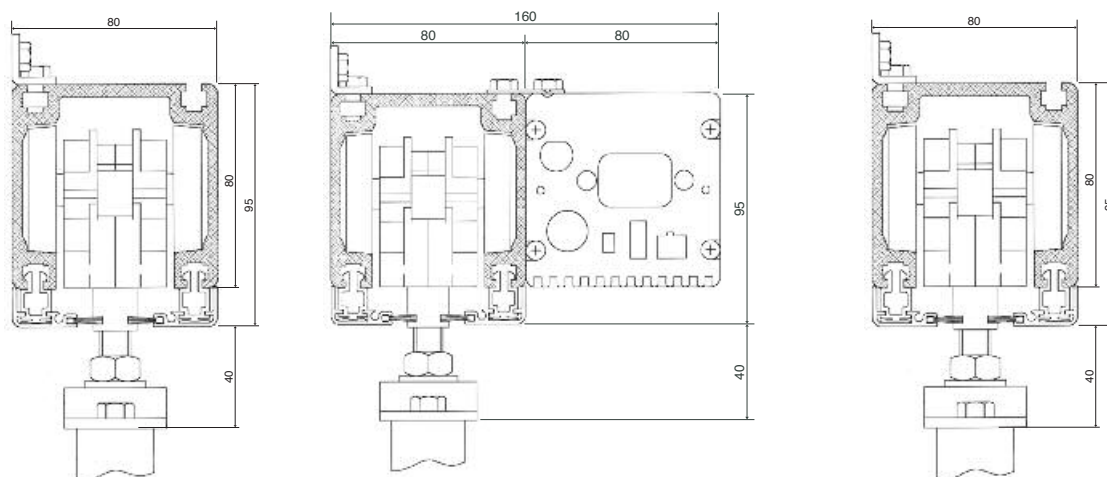
Dok M with front mounted gear motor and control panel.



Dok M with stacked gear motor and control panel.



### Dimensions



## Main system and control panel functions

|  | DOK E   |  | OLLY E  | OLLY C  | DOK M  |
|--|---|--|---|---|--|
| Description:   | VIVA H  | 0906   | R02H  | EL06A   | 191 P1   |
| <b>Control panel</b>   | for 1 or 2 motors 24 V=   | for 1-6 motors 24 V=   | for 1 motor 19 V= with built-in radio   | for 1 motor 24 V=   | for 1 motor 24 V=  |
| <b>Mains power supply</b>  | 230 V~ / 50-60 Hz   | 230 V~ / 50-60 Hz  | 230 V~ / 50-60 Hz   | 230 V~ / 50-60 Hz   | 230 V~ / 50-60 Hz  |
| <b>Batteries</b><br>(ensure automation operation in the event of power cuts)   |  (optional)                |  (optional) |   |   |  (optional) |
| <b>Energy saving</b>   |  energy saving when in use | energy saving when in use  | energy saving when in stand-by and in use   | energy saving when in stand-by and in use   | energy saving when in use  |
| <b>Number of motors</b>  | 1 or 2  | 1-6  | 1   | 1   | 1  |
| <b>Motor power supply</b>  | 24 V= / 2 x 12 A  | 24 V= / 6 x 2 A  | 19 V= / 1.8 A   | 24 V= / 1.8 A   | 24 V=  |
| <b>Accessories power supply</b>  | 24 V= / 0.5 A   | 24 V= / 0.3 A  |   | 24 V= / 0.3 A   | 24 V= / 0.3 A  |
| <b>Electrically operated lock</b>  | 24 V= / 1.2 A   | 24 V= / 2 A  | 12 V= / 4 A   |   | 24 V= / 1 A  |
| <b>Electrically operated lock</b>  |   |  |   | 24 V= / 0.5 A   |  |
| <b>Flashing light</b>  | 24 V  |  |   |   |  |
| <b>Automation open warning light</b><br>(warns the user if automation is not fully closed)   | analogue  |  |   |   |  |
| <b>Courtesy light</b>  | 24 V  |  |   |   |  |
| <b>Limit switch provision</b>  |                          |  |   |   |  |
| <b>Encoder</b><br>(it controls speed and deceleration)   | virtual encoder   |  |   |  |           |
| <b>Force adjustment control</b>  | automatic   |  |   |   |           |
| <b>ODS – Obstruction detection system</b><br>(causes the automation to stop or reverses operation when an obstruction is detected) |                          |  |  |  |           |
| <b>Speed adjustment</b>  |                          |  |   |   |           |
| <b>Braking/slowdown control</b><br>(ensures best approach)   |                          |  |   |  |           |
| <b>Operation time adjustment</b>   |                          |  |   |   |  |
| <b>Open control</b>  |                          |           |  |  |           |
| <b>Push opening</b>  |   |  |   |  |  |
| <b>Partly open control</b>   |                          |  |   |   |  |
| <b>Close control</b>   |                          |           |  |  |           |
| <b>Automatic timed close control</b>   |                          |  |   |  |           |
| <b>Inching control</b>   |                          |  |   |   |  |
| <b>Hold-to-run control</b>   |                          |  |  |   |  |
| <b>Stop safety device</b>  |                          |           |   |   |           |
| <b>Reverse operation safety device</b>   |                          |  |   |  |           |
| <b>Safety Test Facility</b><br>(for SOF self testing safety devices)   |   |  |   |  |  |
| <b>NIO - Antifreeze system</b><br>(for maintaining motor efficiency even at very low temperatures)                                 |                          |  |   |   |  |
| <b>Soft start</b>  |                          |  |   |   |  |
| <b>Operating temperature</b>   | -20°C / +55°C<br>(-35°C / +55°C with NIO enabled)   | -20°C / +55°C  |   |   |  |
| <b>Protection rating</b>   | IP55  | IP54   |   |   |  |
| <b>Product dimensions (mm)</b>   | 238 x 357 x 120   | 225 x 320 x 120  |   |   |  |

## Accessories

- Infrared beam photocells.
- Key operated, rip, and emergency buttons, with mechanically and pneumatically operated links.
- Mechanical programmers with or without key lock.
- One or two-way microwave radars and active and passive infrared radars.
- Digital selector switches.
- Floor platforms available in different sizes.



When building the system, only use DITEC accessories and safety devices.

DITEC automations all feature CE marking and are designed and built in compliance with the safety requirements of the Machinery Directive (2006/42/EC), of the Electromagnetic Compatibility Directive (2004/108/EC) and of the Low Voltage Directive (2006/95/EC) and of other Directives, laws, specific standards for special products and situations.

DITEC S.p.A. reserves the right to make changes which may improve the products. DITEC S.p.A. always strives to improve its products. For this reason, the technical details featured in this catalogue are not binding.

The pictures shown in this leaflet were taken with the consent of those concerned or in public locations.

Further information can be found in the Technical Manuals available at the website: [www.ditec.it](http://www.ditec.it)



**DITEC S.p.A.** Via Mons. Banfi, 3 21042 Caronno P.lla (VA) Italy Tel. +39 02 963911 Fax +39 02 9650314  
[www.ditec.it](http://www.ditec.it) [ditec@ditecva.com](mailto:ditec@ditecva.com)

**DITEC BELGIUM** LOKEREN Tel. +32 9 3560051 Fax +32 9 3560052 [www.ditecbelgium.be](http://www.ditecbelgium.be) **DITEC DEUTSCHLAND** OBERURSEL  
 Tel. +49 6171 914150 Fax +49 6171 9141555 [www.ditec-germany.de](http://www.ditec-germany.de) **DITEC ESPAÑA S.L.U.** ARENYS DE MAR Tel. +34 937958399  
 Fax +34 937959026 [www.ditecespana.com](http://www.ditecespana.com) **DITEC FRANCE** MASSY Tel. +33 1 64532860 Fax +33 1 64532861 [www.ditecfrance.com](http://www.ditecfrance.com)  
**DITEC GOLD PORTA** ERMESINDE-PORTUGAL Tel. +351 22 9773520 Fax +351 22 9773528/38 [www.goldporta.com](http://www.goldporta.com) **DITEC SWITZERLAND**  
 BALERNA Tel. +41 848 558855 Fax +41 91 6466127 [www.ditecswiss.ch](http://www.ditecswiss.ch) **DITEC ENTREMATIC NORDIC** LANDSKRONA - SWEDEN  
 Tel. +46 418 514 00 Fax +46 418 513 55 [www.ditecentrematicnordic.com](http://www.ditecentrematicnordic.com) **DITEC TURCHIA** ISTANBUL Tel. +90 21 28757850  
 Fax +90 21 28757798 [www.ditec.com.tr](http://www.ditec.com.tr) **DITEC AMERICA** ORLANDO-FLORIDA-USA Tel. +1 407 8880699 Fax +1 407 8882237  
[www.ditecamerica.com](http://www.ditecamerica.com) **DITEC CHINA** SHANGHAI Tel. +86 21 62363861/2 Fax +86 21 62363863 [www.ditec.cn](http://www.ditec.cn)