



Olly Dok

Motorised Automations and Runners
for Straight Sliding Doors and Frames



▶ 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) 300 kg (2 motors)	40 kg	100 kg (reduction ratio 1:2) 250 kg (reduction ratio 1:6)

▶ Technical Specifications

Description:	OLLY E	DOK E	OLLY C	DOK M
Travel control system			encoder	encoder
Maximum capacity	80 kg	250 kg (1 motor) 300 kg (2 motors)	40 Kg	250 kg (reduction ratio 1:6) 100 kg (reduction ratio 1:2)
Duty class	2 - light	3 - medium	3 - medium	3 - medium (reduction ratio 1:6) 4 - heavy (reduction ratio 1:2)
Intermittent operation	S2 = 7 min S3 = 15%	S2 = 15 min S3 = 30%	S2 = 30 min S3 = 50%	S2 = 15 min S3 = 30%
Power supply	24 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) 280 N (2 motors)	30 N	140 N (reduction ratio 1:6) 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) 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) 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	-20°C / +55°C	-20°C / +55°C
Protection rating	IP20	IP10D - IP13D (with guard)	IP20	IP12D
Product dimensions (mm)	60x43x120	80x80xL	1000x115x67	80x80xL
Control panel	R02H	VIVAH - 0906	EL06A (built-in)	191P1 (built-in)

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:

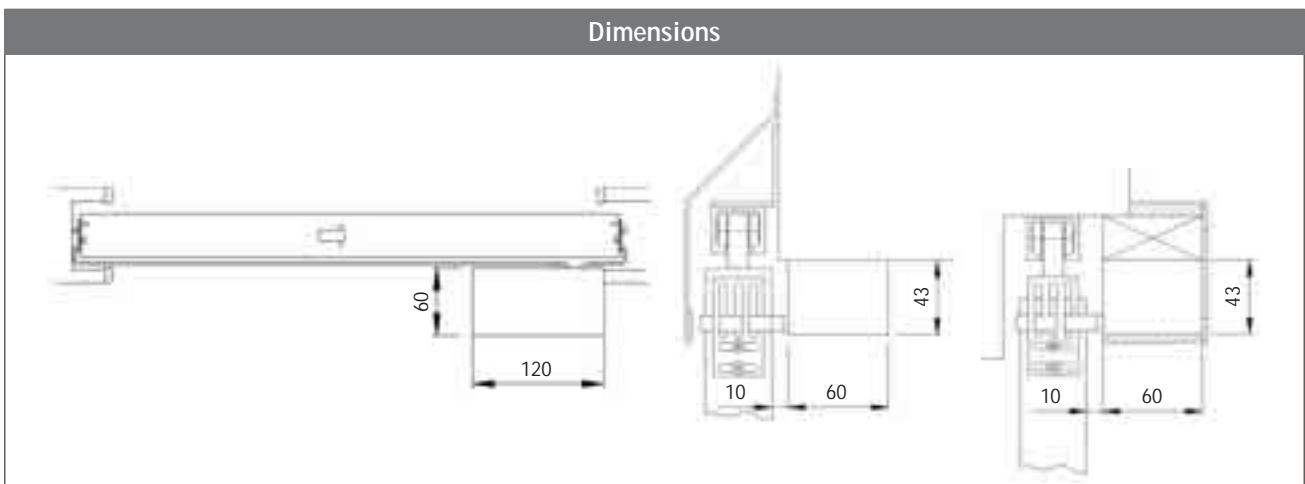
- a 1JE actuator
- a drive belt
- two belt connections
- a control panel complete with a built-in radio receiver.



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

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

Dedicated accessories

- ▶ Wing stop device
- ▶ On-board stop device
- ▶ Manual release handle
- ▶ 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

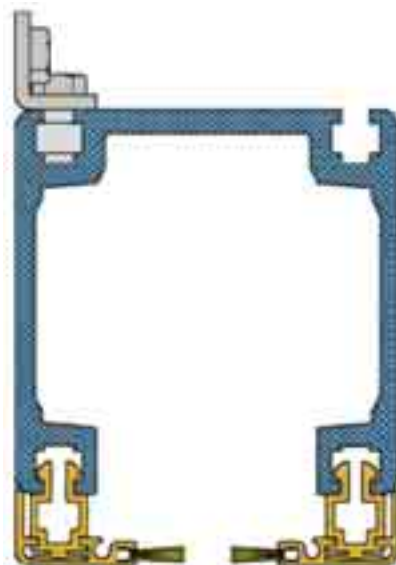
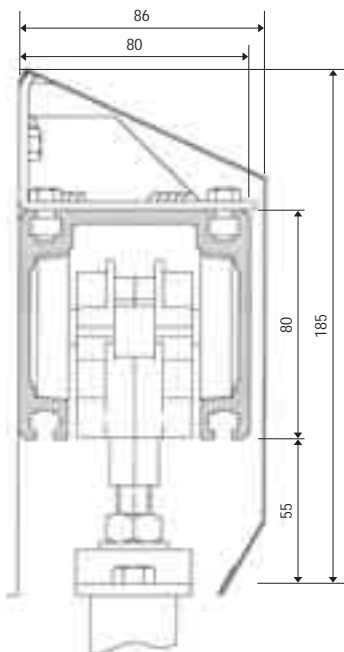
Dok E with two motors



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

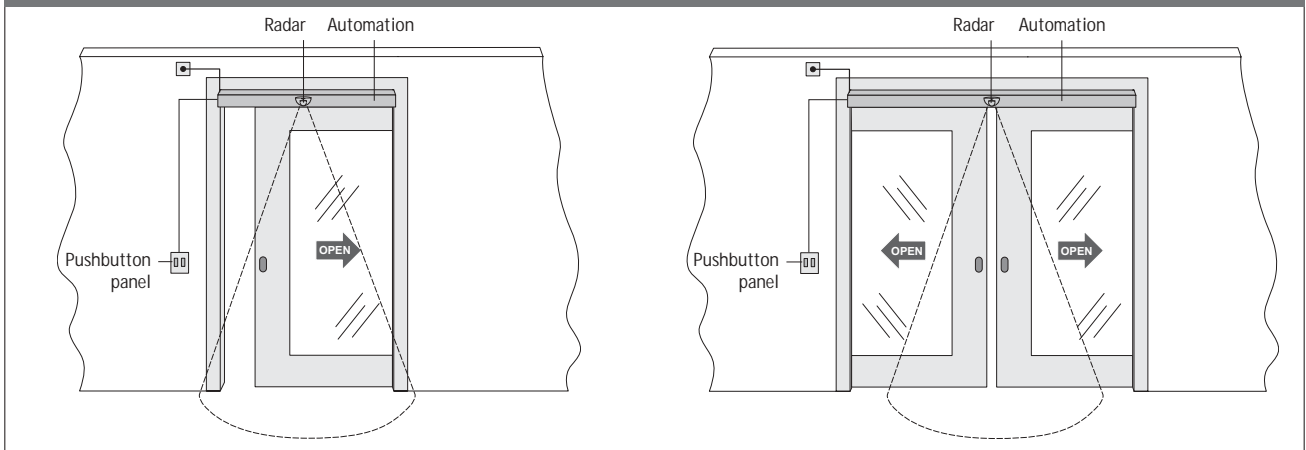
▶ Two practical mounting sets

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

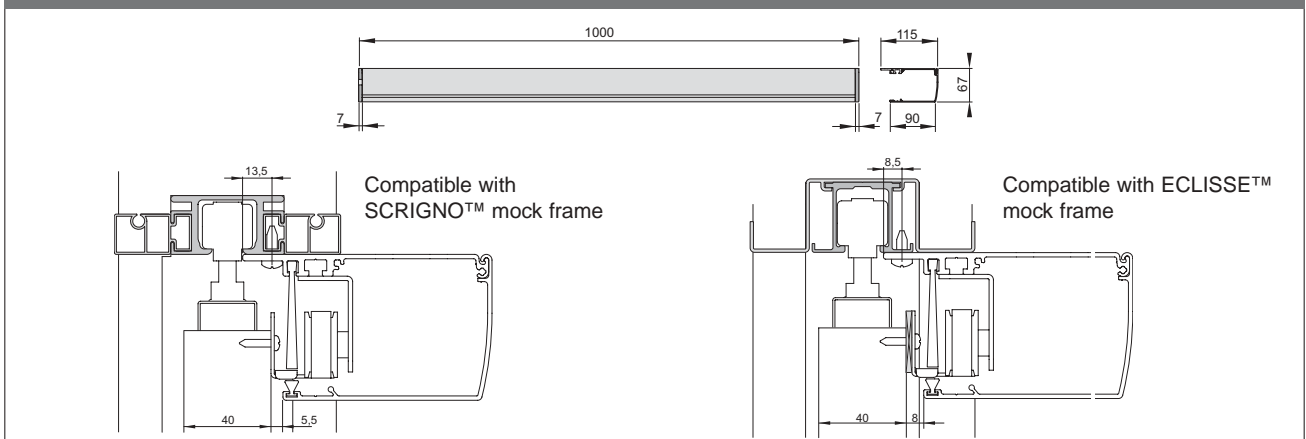
- an actuator complete with control panel
- a transmission unit
- a drive belt
- belt connections
- fastening brackets
- mounting profile and guard.



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
- ▶ Handle for manual release
- ▶ 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.



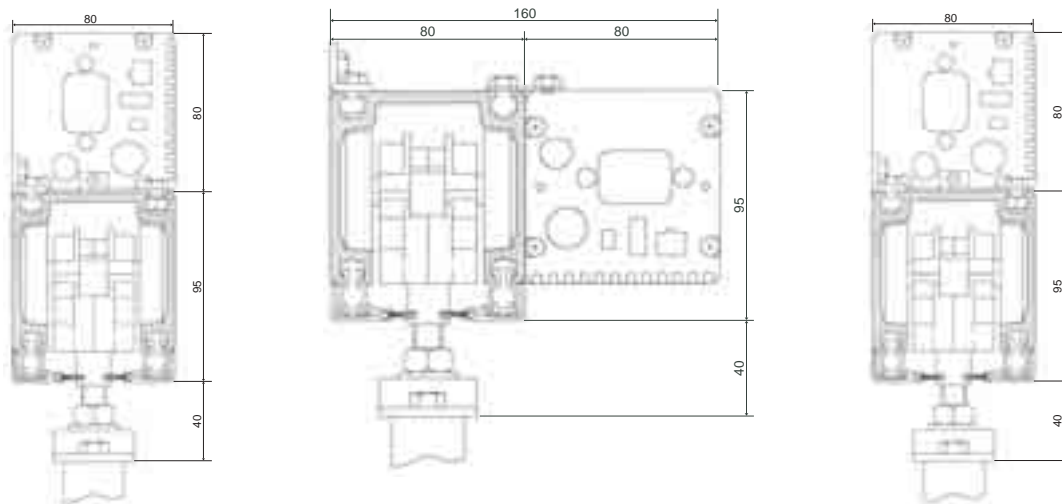
Dok M with front mounted gear motor and control panel.



Dok M with stacked gear motor and control panel.



Dimensions



Main system and control panel functions

Description:	DOK E		OLLY E	OLLY C	DOK M
	VIVA H	0906	RO2H	EL06A	191 P1
Control panel	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=
Mains power supply	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
Batteries (ensure automation operation in the event of power cuts)	 (optional)	 (optional)			 (optional)
Number of motors	1 or 2	1-6	1	1	1
Motor power supply	24 V= / 2 x 12 A	24 V= / 6 x 2 A	19 V= / 1.8 A	24 V= / 1.8 A	24 V=
Accessories power supply	24 V= / 0.5 A	24 V= / 0.3 A		24 V= / 0.3 A	24 V= / 0.3 A
Electrically operated lock	24 V= / 1.2 A	24 V= / 2 A	12 V= / 4 A		24 V= / 1 A
Electrically operated lock				24 V= / 0.5 A	
Flashing light	24 V				
Automation open warning light (warns the user if automation is not fully closed)	analogue				
Courtesy light	24 V				
Limit switch provision					
Encoder (it controls speed and deceleration)	virtual encoder				
Force adjustment control	automatic				
ODS – Obstruction detection system (causes the automation to stop or reverses operation when an obstruction is detected)					
Speed adjustment					
Braking/slowdown control (ensures best approach)					
Operation time adjustment					
Open control					
Push opening					
Partly open control					
Close control					
Automatic timed close control					
Inching control					
Hold-to-run control					
Stop safety device					
Reverse operation safety device					
Safety Test Facility (for SOF self testing safety devices)					
NIO - Antifreeze system (for maintaining motor efficiency even at very low temperatures)					
Soft start					
Operating temperature	-20°C / +55°C	-20°C / +55°C			
Protection rating	IP55	IP54			
Product dimensions (mm)	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.
- ▶ Pushbutton panel.

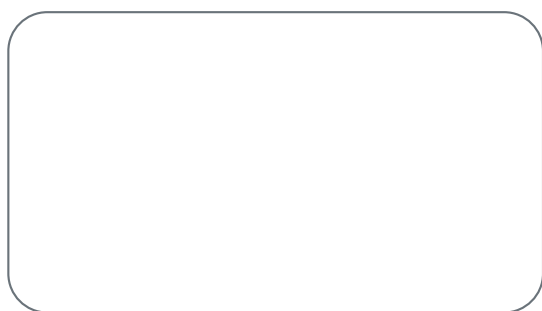


▶ Standards

The system has been manufactured by using only DITEC manufactured accessories and safety devices.

All DITEC automations are affixed with the CE mark and are designed and manufactured in compliance with the Machinery Directive (98/37/EC), the Electromagnetic Compatibility Directive (89/336/EEC) and the Low Voltage Directive (73/23/EEC).

DITEC S.p.A. operates a policy of continuous development and reserves the right to make changes and improvements to their products. The technical data contained within this document is therefore not binding. Further information can be found in our on-line technical manuals at: www.ditec.it



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