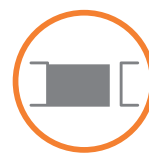


SELF-PROGRAMMING AUTOMATION FOR SLIDING GATES



CARDIN TRADE SERIES SL EVO

Electromechanical gear motors suitable for gate positioning control and safety system management. Ideal for residential/industrial sliding gates powered by 230V.

Powerful, rapid and controlled by state of the art electronics, the gate automation units are fitted with powerful motors backed up by a finely tuned double gear kinematic system which reduces the stress on the motor and structure caused by the movement of gates.

The reduction unit stator is made of die cast aluminium and contains a never ending screw immersed in an oil bath (lubricated with grease for the SL EVO 600).

Installation, on a robust and rust proof base, is possible on any structure and the unit may be fitted both to the right as well as to the left of the passageway.

The integrated programmer allows encoder-controlled gate positioning and self-programming thus reducing installation times to a minimum and optimising the programming procedure.

The electronic control unit is completed by the anti-crush and "soft start" and "soft stop" functions.

Open collector:

The product range is factory set for the insertion of an open collector receiver card that guarantees compatibility with all the radio control series available in the Cardin catalogue.



ELECTRONIC PROGRAMMER WITH
EXTRACTABLE TERMINAL BLOCKS



OPEN COLLECTOR
RECEIVER CARD



MANUAL RELEASE
SL EVO 600 - 800 - 1200



RAPID ANCHORING
SYSTEM



MANUAL RELEASE SL EVO 2000

CARDIN TRADE SERIES SL



PRODUCT DESCRIPTION

ORDER NUMBER

SELF-LOCKING SLIDING GATE MOTOR

For residential/industrial sliding gates up to 1200kg. Complete with encoder, magnetic limits, electronic brake and a built-in control unit. Constant performance over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature (in the versions SL EVO 800 and SL EVO 1200) using HOT (optional).

The appliance is fitted with a safe and secure key-operated manual release system protected by a plastic access door.

ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Grease lubrication. For gates up to 600kg.



ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Oil bath lubrication. For gates up to 800kg.



ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Oil bath lubrication. For gates up to 1200kg.



ELECTROMECHANICAL GEAR MOTOR POWERED BY 230V

Oil bath lubrication. For industrial sliding gates up to 2000kg. Complete with encoder, magnetic limits, electronic brake and a built-in control unit.

Constant performance over time and in any condition thanks to reduced wear&tear and the possibility to maintain the oil at the ideal temperature using HOT.

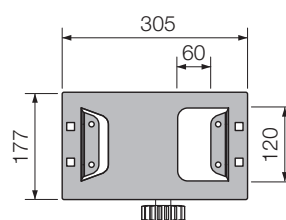
The appliance is fitted with a safe and secure key-operated manual release system.



SL EVO 600



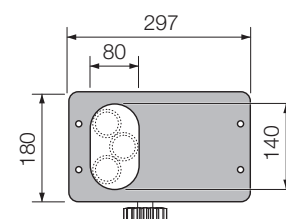
SL EVO 800



FASTENING BASE
SPARE PARTS NUMBER RPIA FEVOZ

SL EVO 1200

SL EVO 2000



FASTENING BASE
SPARE PARTS NUMBER RPIA ANEV2P

CARDIN TRADE SERIES SL ACE-EVO



TECHNICAL DATA

GENERAL CHARACTERISTICS

| | | SL ACE FAST | SL ACE 601 | SL EVO 600 | SL EVO 800 | SL EVO 1200 | SL EVO 2000 |
|-----------------------------|-------|-------------|------------|------------|------------|-------------|-------------|
| Power supply | Vac | 230 | 230 | 230 | 230 | 230 | 230 |
| Frequency | Hz | 50 | 50 | 50 | 50 | 50 | 50 |
| Nominal electrical input | A | 0,5 | 0,8 | 1,8 | 2 | 2,5 | 3,1 |
| Power input | W | 115 | 180 | 400 | 460 | 570 | 710 |
| Duty cycle | % | 40 | 80 | 40 | 60 | 60 | 40 |
| Drag speed | m/min | 10 . 16 | 10 . 16 | 10 | 10 | 10 | 10 |
| Torque max. | Nm | 15 | 21 | 21 | 25 | 45 | 50 |
| Operating temperature range | °C | -20°...+55 | -20°...+55 | -20°...+55 | -20°...+55 | -20°...+55 | -20°...+55 |
| Protection grade | IP | 44 | 44 | 44 | 44 | 44 | 44 |

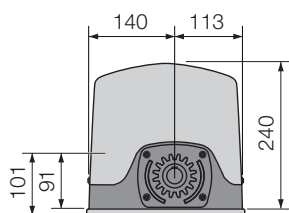
MOTOR DATA

| | | | | | | | |
|--------------------------|---|--------|-------|--------|--------|--------|--------|
| Motor power supply | V | 30 Vdc | 24Vdc | 230Vac | 230Vac | 230Vac | 230Vac |
| Maximum power yield | W | 120 | 200 | 800 | 800 | 1100 | 1000 |
| Maximum electrical input | A | 4 | 8 | 3,4 | 3,4 | 5,2 | 4,3 |

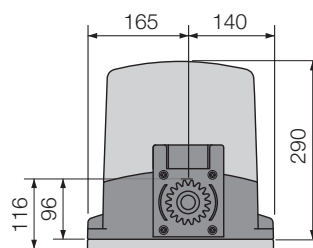
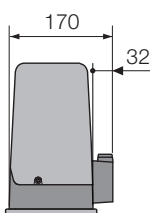
OPTIONAL RECEIVER CARD

The product range is factory set for the insertion of an open collector receiver card that guarantees compatibility with all the radio control series available in the Cardin catalogue.

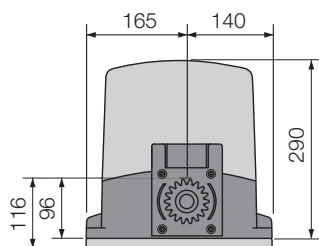
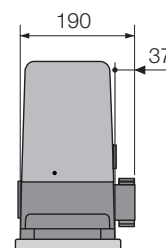
OVERALL DIMENSIONS



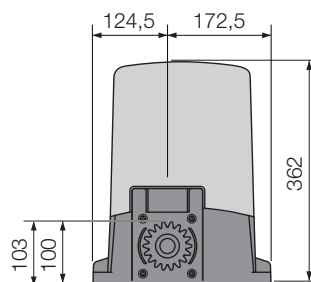
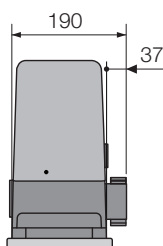
SL ACE FAST



SL ACE 601



SL EVO 600 - SL EVO 800 - SL EVO 1200



SL EVO 2000

