

Domo

Swing Gate Operator

User Manual

General Information

The electromechanical linear operator is intended for automation of a double-leaf swinging garage gate.

The body of each actuator is composed by a vertical recipient with the electrical motor, and one horizontal telescopic arm. The cable is a special type, so if you need to replace please call to ALSE Service Department.

The operator is equipped with built-in electrical end of run switches for opening and closing.

Operation of the automatic system is controlled from the remote control unit, which is protected with a shockproof and hermetic case.

The limit of use is for Doors up to 2 meters wide and less than 150 kg. Be careful of the additional weight given by the wind, hinges and other mechanical parts.

Important safety information

Carefully read and follow all safety precaution and warnings before attempting to install and use this operator, incorrect installation can lead to severe injury.

- The gate operator should be installed by a qualified technician; otherwise, serious personal injury or property damage may occur.
- Before installation, the clutch should be unlocked.
- When opening or closing the gate, do not attempt to walk or drive through the gate.
- Children should not be allowed to play near to or operate automatic gates.
- The automatic gate operator, and the doors itself must be electrically grounded.
- Install the gate operator on the inside of the property; DO NOT install it on the outside of the property where the public has access to it.
- Be careful when in close proximity to moving parts where hands or fingers or clothes could be trapped.
- In the event of power failure, an emergency release key allows you to operate the gate manually.
- The operator should be switched off before repairing it or opening its cover.

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- As this is electric equipment, check with your Electric Authority the standards to install this class of equipment.
 - After installing the device, paint the floor the security area where the people must stand-out during the door operation.
 - Attach a warning over the door announcing that this is an automatic device.
 - Every time you operate the door, keep it in line of sight.
 - Remove the packing of this product and dispose of it. Do not leave the packing material within reach of children.
 - Save this manual for possible maintenance during the operational life of the operator.
 - This product was designed for automation of swinging gates; other uses can cause injury to people.
 - Company shall not be held responsible in case of injury or other health impairment caused by unintended use of the operator.
 - Do not install the equipment in premises with quick-inflammables materials or in other dangerous environments, because it can cause explosion or fire.
 - Mechanical units of the gate shall be constructed and installed in accordance with the standards EN12604 and EN 12605.
 - Manufacturer or the resellers are not responsible in case of incorrect installation of the product and if it is damaged during operation.
 - The installation must be performed in accordance with the standards EN12453 and EN 12445. For countries, which are not EC members, these requirements are to be met.
 - The automatic system shall be connected to the mains supply through an automatic switch. At that the distance between the contacts shall not be less than 3 mm. It is recommended to use the automat 6A.
 - The safety devices of the operator protect against hazard of pinch through the gate while opening.
 - Company is not responsible for unstable work of the automatic system, if the safety devices and accessories, which were produced by other manufacturers and without agreement with company, are used.
 - Use the accessories of the company, as the accessories of other manufactures can cause failure of the system.
 - For maintenance, use only company original parts.
 - Do not make modification in the components of the automatic system.
 - Be sure, that the installer has instructed you how to release the gate in case of emergency and on the proper operation and maintenance of the automatic system.
 - Do not let any people to be in the operation area of the automatic system

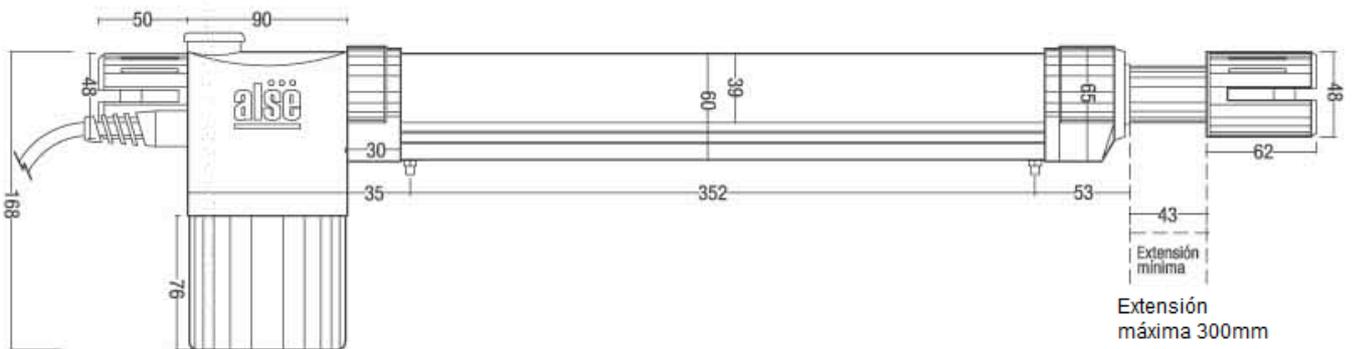
when it is working.

- Never let children play and be in the operation area of the automatic system, under the gate and near the gate, when the gate is moving and the operator is running.
- Passage is allowed only after the gate has been stopped and the operator is switched off.
- Check good working condition of the safety sensors monthly.
- Maintenance: make diagnostics of the system SWING at least once a half-year, pay special attention to the gate travel smoothness in the released state and to good working condition of the release.
- It is forbidden to perform operations, which are not permitted by this manual.

Technical Data:

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|---------------------|---------------|---------------|
| Power | 220 VCA 50 Hz | 110 VAC 60 Hz |
| Current Consumption | 1.2 A | 2.5 A |
| Capacity | 150 W | 150 W |

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|-----------------------|------------|
| Duty Cycle | 30% |
| Protection Level | IP 64 |
| Rod Speed | 1.8 cm/seg |
| Operation Temperature | -20 +70 °C |
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Installation: Main Issues.

The Moto-Reducer DOMO comes ready to be installed on Swing Gate, which will open both inward or outward of the property, so they have to be order with its "hand"; that is, are different those going to the Right or Left the vain. To be sure you have to tell us which side the hinges are seen from inside.

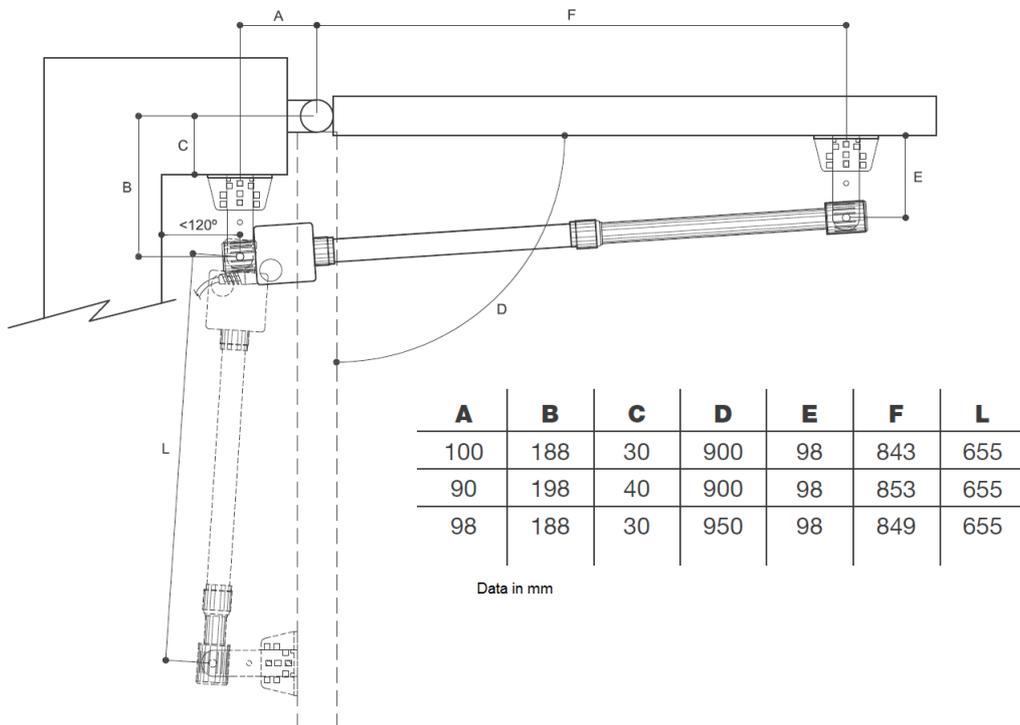
Operating capacitor therefore be aware that when you want to test

To adjust and connect the run limits, take notice that these are Normal Open, is say that when they are in the middle of the route will be open contact.

This Device ought to be used with the run limits to avoid motor or door damages, as well as the floor stopper as to be installed.

Installation.

Inward Openings



Outward Opening

In case to need outward opening translate the "A" size outside the support pole but be sure that $A+B \leq 300$.