



# ALPHA

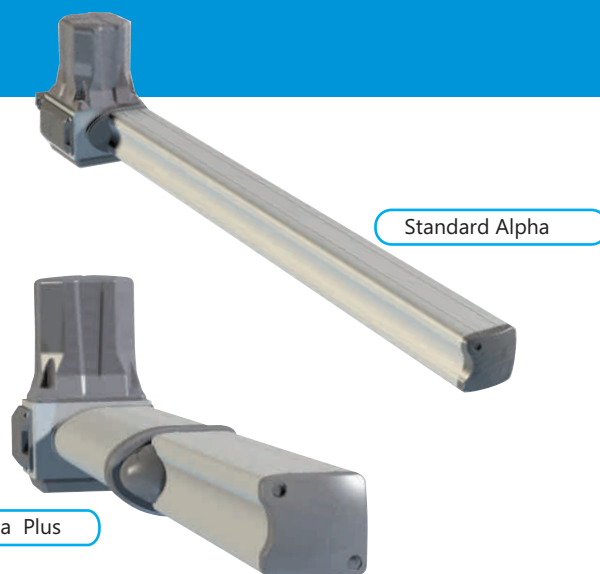
## 230V ELECTRO-MECHANICAL SWING GATE OPERATOR

MAX GATE LEAF LENGTH **5.5M**

MAX GATE LEAF WEIGHT **500Kg**

CYCLES PER HOUR UP TO **20**

LOCKING **YES**



- ALPHA is an electromechanical, irreversible mains or low voltage operator for domestic and light commercial use.
- Alpha 330 max leaf length 3.3 m. weight 330kg. Alpha 550 max leaf length 5.5 m. weight 550kg.
- The operators open gates up to an angle of 120°.
- Simple lever operated manual release system, key operated version on the Alpha plus model.
- No need for physical stops; adjustable limit switches available on Alpha plus model.
- Bushed rear bracket with brass rear fixing bolt; fully adjustable non-weld rear bracket available.
- Electronic slow down in both directions of travel for a smooth, elegant and reliable system of automation.
- Adjustable leaf delays in opening and closing to cope with any entrance orientation.
- Low voltage system available with battery back-up.
- Current sensing for the highest levels of safety and protection.
- Plug in radio control system in main control panel, with additional matching garage door operators and radio receivers available.
- Single leaf pedestrian operation and automatic closing systems, all provided on the control panel as standard.



**SEA**  
**The Engineers'**  
**Choice!**

## ALPHA

## Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	260 W
Shaft Stroke	400 - 550 mm
Cycles Hour	20
Operating temperature	-20°C + 55°C
Operator Weight	9.0 - 9.5 Kgs
Max leaf length	3.3 - 5.5 mtr
Opening Degrees	90° - 120°
Stroke Speed	1.7 cm/sec
Protection class	IP54
Max leaf weight	300 - 500 Kg
Max thrust Force	250 - 350 daN

## Gate 2 DG Control Panel

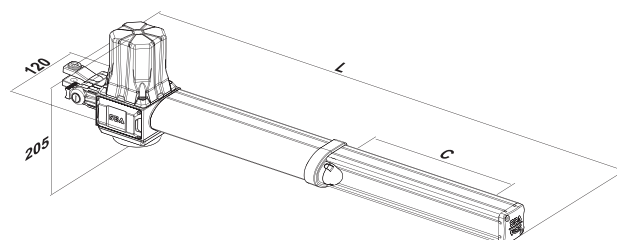
- Management of 2, 230Vac motors with or without limit switches
- Automatic logic (4 modes), semiautomatic and step by step logics.
- Electronic slow down in opening and closing.
- Motor run time and pause open time regulation.
- Self-learning operating time for gate with limit switches or encoder
- Self-test on photocells.
- Self-diagnostic system.
- Encoder management (Safety Gate for swing gates).
- Diagnostic dashes on all inputs.
- Extractable connectors for ease of installation.
- Integrated receiver compatible with radio transmitters SMART, HEADROLL and LADYBIRD series (800 users).

## Compatible accessories

- Fully compatible with all SEA accessories.
- Compatible with most manufacturers of audio and video intercom equipment.
- Digital code pads.
- Card reader systems, stand alone and computer linked.
- Time clocks and hold open switches.
- Induction loop free entry, free exit and safety.
- Photocell free entry, free exit and safety.
- Patented rubber mechanical safety edges.
- Vehicle recognition systems.
- Biometric identification systems.

## Dimensions in (MM)

ALPHA



	ALPHA 330	ALPHA 550
L	1060 mm	1220 mm
C	400 mm	550 mm

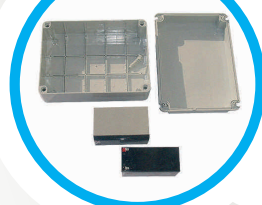
## SEA SAFETY GATE:-

Patented reversing system for swing gates with a self learning movement sensor for additional safety.

En12453 & EN 12445 tested.

Model	Stroke	D Max	D Max Recommended
Alpha 330	400 mm	165 mm	135 mm
Alpha 550	550 mm	255 mm	215 mm

## Battery Backup



## Long Range



## High Security

## Solar Powered Photocells

