



**SEA**<sup>®</sup>  
electronic opening system

## Alpha 330/550

Electromechanical swing gate operator  
irreversible, strong, safe and easy to install



Systems for  
swing gates



- High quality electromechanical operator for leaf length up to 5,5 m
- Available in high and low voltage and in 2 versions: STANDARD and PLUS
- Realized completely out of a strong aluminium pressure body for a long lasting resistance
- Easy and fast to install thanks to the front door with the terminal board of the power supply cables
- Low voltage version for more working cycles and higher security
- Available in two models: 330 for leaf length up to max 3,3m and 550 for leaf length up to max 5,5 m
- Cabling and capacitors inside the operator and accessible through front door
- On request adjustable mechanical stop kit in opening and closing (only for basic version)
- Version PLUS with serial release with key and electronic limit switches

# Alpha

## TECHNICAL SPECIFICATIONS

Specifications	Alpha 330 230Vac Alpha 330 24Vcc	Alpha 550 230Vac Alpha 550 24Vcc
Power supply	230Vac±5% 50/60 Hz	
Motor power	260 W / 70 W	300 W / 70 W
Shaft Stroke	400 mm	550 mm
Cycles/hour	20/40	
Oper. temperature	from -20 °C to + 55 °C	
Weight	9 Kg / 9,5 kg	11 kg
Weight	3,3 m	5,5 m
Opening degrees	90 ° - 120 °	90 ° - 120 °
Shaft speed	1,7 cm/s	
Protection class	IP 54	
Starting capacitor	6,3 µF	8 µF
Max thrust	250 daN / 350 daN	350 daN / 170 daN

Release with key  
(serial on PLUS  
version -  
optional on the  
basic version)



Adjustable electronic  
limit switch  
(only on PLUS version)

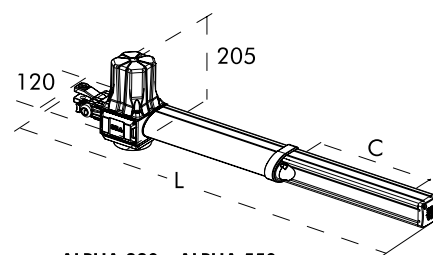


### Swing 2

- Management of two 230 Vac motors without limit switch
- Automatic, semiautomatic, automatic of security, semiautomatic of security
- Adjustable slow down in opening and closing
- Motor torque adjustment
- Self-learning working times
- Auto-test on photocell
- Auto-diagnostic
- Electric lock management
- Encoder administration (also Safety GATE for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitters SMART, HEAD, COCCINELLA and SMART ECOPY (800 users) series with optional RF radio frequency module (RF)
- Encoder sensibility adjustment (Safety GATE)
- Pedestrian opening
- Photocells administration in opening and closing
- Stop administration
- Programming trough PALM.
- Connector for photocells WALL and SUNSET
- Push over and reverse stroke
- 230V warning lamp on bord with pre-flashing
- Pause and stop management

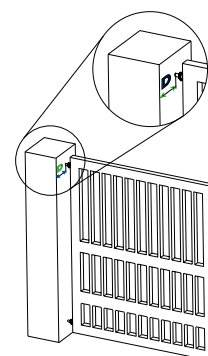
### User 2 24 V

- Administration of two 24V motors
- Adjustable slow down in opening and closing
- Motor speed adjustment
- Pedestrian opening
- 24V warning lamp on bord
- Electric lock administration
- Emergency battery administration and solar panel
- Working time self-learning
- Incorporated radio decoding compat. with radio transmitter SMART, HEAD, COCCINELLA series and SMART E-COPY (800 users) with optional radio frequency module (RF)
- Ammeter function to reveal obstacles
- Simplified programming with push buttons
- Leaf delay adjustment
- Functioning motors' speed
- Bus accessories management ( photocells and lamp)
- Limit switch management
- Self-diagnostic
- Additional adjustable with PALM USER device
- Management security edge
- Pause management



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

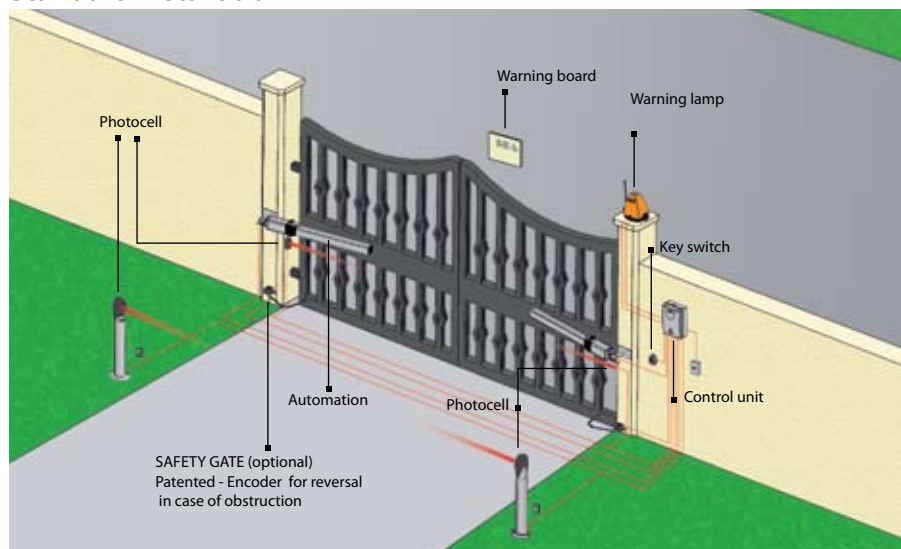
Dimensions (mm)



Dimensions between pivot of  
the gate and fixation wall

Model	Stroke	D max	D max recommended
Alpha 330	400 mm	165 mm	135 mm
Alpha 550	500 mm	255 mm	215 mm

### Standard installation



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