



# SUPER COMPACT

## 230V HYDRAULIC SWING GATE OPERATOR

MAX GATE LEAF WEIGHT & LENGTH **1200KG or 5m**

CYCLES PER HOUR **60**

LOCKING **3m**

OPENING ANGLE **100°**

- Hydraulic underground operator for residential, commercial and industrial use.
- The electric motor and all operational components sit in an oil filled bath providing continuous lubrication and rapid cooling of all moving parts
- Robust internal physical stops available, replacing the need for ground stops
- Adjustable electronic slow down at end of travel for a smooth and quiet system of automation
- Stainless steel gate support box available
- Locking version available for gate leaf widths up to 3.0 m and non locking version for gate leaf widths up to 5.0 m
- Opening times for 90 degrees of 12 -14 seconds
- Adjustable safety valves in both directions of travel to protect pedestrians, vehicles and the automation equipment from excessive forces
- Internal non return valves provide security against unauthorised access, with high security electromechanical and electro-magnetic locking systems available to suit any additional security requirements
- Duty cycles of 60 operations per hour can cope with the busiest of commercial sites
- Brass, aluminium and stainless steel parts for added durability, with thermal overload built into the motor windings for the highest protection levels
- Manual release system with customised key ensures reliable operation even in the most demanding of locations



Key release optional



In built physical stops



Pressure adjustment valves

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

## SUPER COMPACT

### Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	310W
Cycles Hour	60
Operating temperature	-20°C + 55°C
Operator Weight	15kg
Max leaf length	5 mtr
Opening Degrees	100°
Angular Speed	7° rotation per second
Protection class	Ip67
Starting Capacitor	10uF
Max Rotational Torque	75 daN

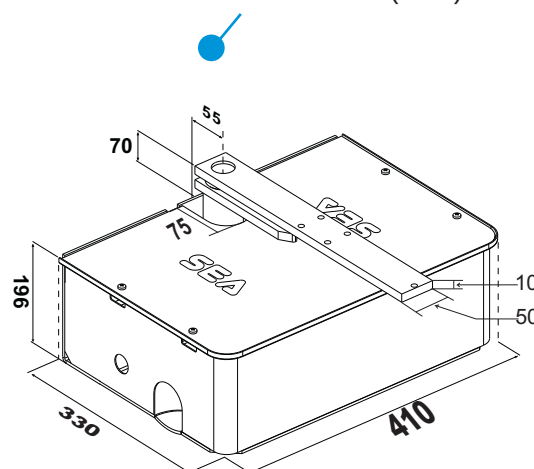
### Gate 2 DG Control Panel

- 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.

### Foundation Box Dimensions in (mm)



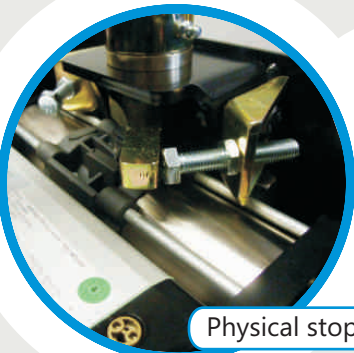
### Accessories.

Loop detectors / Photocells / Key pads / Card readers / Transmitters & receivers/ Telephone entry systems / Audio and video intercom systems - wireless and cabled.  
Vehicle recognition systems / Biometric recognition systems / Patented rubber mechanical safety edge/ Time clocks / Hold open switches.

Industrial photocell for extra protection against vandalism



### Gate 2 DG Control Panel



Physical stops