

# COMPACT

**230V HYDRAULIC SWING GATE OPERATOR**  
**MAX GATE LEAF LENGTH 4M**  
**CYCLES PER HOUR 45**  
**LOCKING 2M**

- Hydraulic underground operator for residential and commercial use. Compact 400 - max leaf width 4.0 m. weight 400 Kg. rotation 140°. Compact 800 - max leaf width 4.0 m. weight 800 Kg. rotation 180°
- All internal components are machined from the strongest materials in-house, ensuring the highest engineering standards
- 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 2.0 m and non locking version for gate leaf widths up to 4.0 m
- Opening times for 90 degrees of 12 - 14 seconds
- Adjustable safety valves in both directions of travel to protect pedestrians, vehicles and even 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 45 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!**

## COMPACT

### Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	180 W / 220 W / 220W
Shaft Stroke	-
Cycles Hour	45
Operating temperature	-20°C + 55°C
Operator Weight	11.6 / 11.6 / 13.8 Kg
Max leaf length	2.0 mtr. locking 4.0 mtr. non locking
Opening Degrees	100° - 140° - 180°
Angular Speed	7°rotation per second
Protection class	Ip67
Starting Capacitor	8uF / 12.5 uF / 12.5 uF
Max Rotational Torque	56 daN

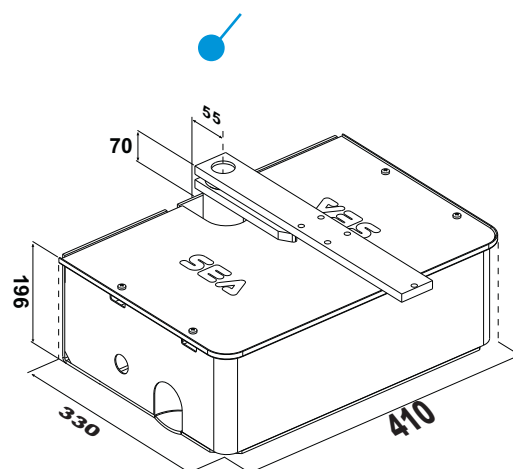
### Gate 2 DG Control Panel

- 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) COMPACT 200 /400 and 800



### Accessories.

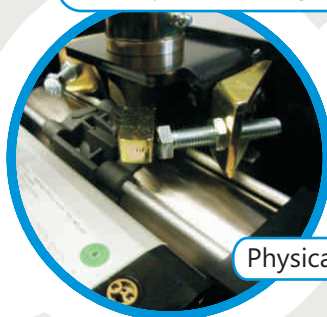
Loop detectors / Photocells / Key pads / Card readers / Transmitters & receivers/ Telephone entry systems / Audio and video intercom systems - wireless and cabled.  
Vehicle recognition systems / Biometric recognition systems / Patented rubber mechanical safety edge/ Time clocks / Hold open switches.

### SAFETY GATE

Self learning movement sensor for additional safety. SEA patented reversing system for swing gates.  
EN 12453 & EN 12445 tested



industrial photocell for extra protection against



Physical stops

### Gate 2 DG Control Panel

