

# BETA

ELECTROMECHANICAL LOW VOLTAGE  
OPERATOR FOR DOMESTIC GATES



## Easy to install, safe, strong and reliable!

- BETA is an electromechanical, irreversible low voltage (24V) operator for domestic use.
- The operator has been designed for swing gates up to 2000 mm. leaf length and 200kg leaf weight.
- Manual release system with customised key for use in the event of a power failure and spring loaded cover for weather protection.
- Adjustable mechanical stops, in opening and closing as standard.
- Adjustable rear bracket with multiple fixing holes for ease of installation.

## Elegant, safe and secure!

- Electronic slow down in both directions of travel for a smooth, elegant and reliable system of automation.
- Adjustable operating speed to cope with larger more flexible gates.
- Battery back up system available as an optional extra.
- Low Voltage current sensing for the highest levels of protection.
- Radio control system provided as standard with additional matching garage door operators and radio receivers available.
- Single leaf pedestrian operation and automatic closing systems provided on the control panel as standard.



Mechanical stops  
in open and closed  
as standard



Spring loaded cover  
Key Manual Release



Fully adjustable rear  
bracket

**When quality matters make sure it's SEA  
the engineers' choice!**

**SEA (UK) Limited.**  
Unit 6A Olton Wharf, Solihull,  
West Midlands, B92 7RN  
Birmingham Tel: 0121 706 9629  
Birmingham Fax: 0121 764 5603  
London Tel: 020 8360 8022  
London Fax: 020 8364 2516

sales@seauktd.com  
www.seauktd.com  
www.seateam.com

Specifications	Beta
Supply Voltage	230Vac+5% 50/60Hz
Motor Power	48 W
Shaft Stroke	290 mm
Cycles Hour	5
Operating temperature	-20°C + 55°C
Operator Weight	3.4 Kgs
Max leaf length	2.0 mtr
Opening Degrees	90° - 110°
Stroke Speed	1.7 cm/sec
Protection class	IP54
Max leaf weight	200 Kg
Max thrust Force	150 daN

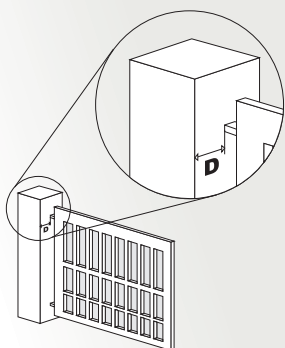
**CONTROL BOARD Specifications**

**USER 2 24 V (patented radio control system)**

- Management of two 24V motors.
- Electronic slowdown in opening and in closing
- Motor speed adjustment
- Pedestrian opening
- 24V Warning lamp
- Electronic lock control
- Back up battery administration
- Self-learning operating system.
- Integrated 433 Mhz radio receiver
- Main control panels with patented wireless slave panel for second motor.

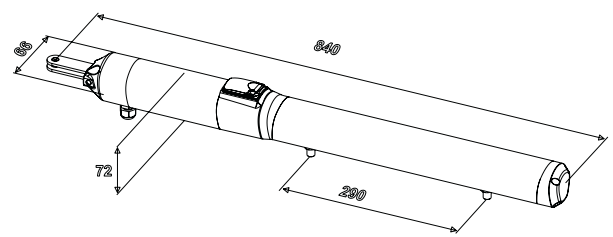
**Gate 2 24 V**

- Management of two 24V motors.
- Electronic slowdown in opening and in closing.
- Motor speed adjustment
- Integrated 433 Mhz radio receiver compatible with SMART, HEAD, HEAD Ecopy radio control transmitters.
- Automatic current sensing for high level of safety (activates the motor in the opposite direction)
- Auto-test on photocell
- Pedestrian opening
- 24V Warning lamp
- Court yard and standard safety inputs
- Electronic lock control.
- Back up battery administration

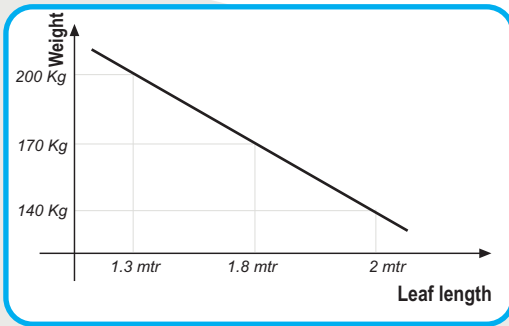


Stroke	D Max	D Max Recommended
290 mm	155 mm	95 mm

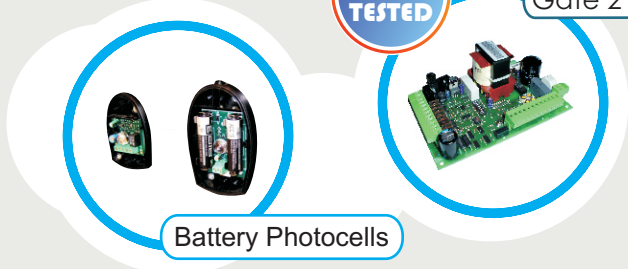
Dimensions in (MM)  
BETA



- 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.



Gate 2 24V + Control Panel



**Battery Photocells**