

## VERG 24V

ELECTROMECHANICAL LOW VOLTAGE, INTENSIVE  
USE BARRIER FOR 2000 - 5000 mm. BEAMS



### Fast and flexible, intensive use barrier!

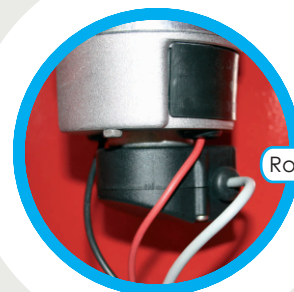
- Electro-mechanical traffic barrier designed for beam lengths up to 5000 mm.
- External key operated manual release.
- **SEA TOTAL QUALITY:** All main components are manufactured and tested in-house ensuring the highest of engineering standards.
- Low Voltage motor provides an extremely safe, extremely flexible system.
- Two safety systems as standard detecting motor rotational speeds and current sensing to provide a extremely high level of safety.
- Simple key release system in case of power failure.
- Steel casing processed with cataphoresis and finished in polyester powder coat.
- Stainless steel casings available.
- Electronic slow down at end of travel in both directions provides smooth and safe barrier operation.



Internal View



Key operated  
Manual release system



Rotation sensor

### Reliable, safe and cost effective!

- Designed for use in busy car parks with a high level of safety provided as standard.
- Cases are pre-drilled with fixing holes for a fast installation of photocells (Ghost 40) and key switch (Key plus).
- Barrier beams are spring counterbalanced to reduce loadings on the motor, extending the life of the barrier.
- Round and rectangular beams available.
- Adjustable operating speeds to suit all beam lengths.
- Emergency battery pack for use in power failure. (optional)
- Operating speeds from 2.5 seconds for rapid car access.
- 60% duty cycle means that the Verg barrier can cope with medium sized car parks.
- Foundation plates, fixed and flexible fork supports available.

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

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# VERG 24V

## Specifications

## VERG 24V

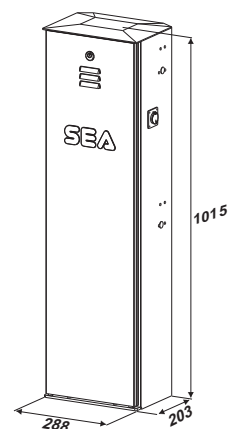
Supply Voltage	230Vac
Motor Power	90 W
Motor current	1.2 A
Opening speed	2-5 sec
Frequency of use	60%
Thermal protect. interv.	-
Operating temperature	-20°C + 55°C
Operator Weight	51 Kg
Oil quantity	-
Max beam length	5 mtr
Protection class	IP55
Starting Capacitor	-

## CONTROL BOARD

### Gate 1 24V

- Management of a 230 Vac motor with or without limit switch.
  - 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 barrier with limits.
  - Self-test on photocells.
  - Self-diagnostic system.
  - Encoder management for increased safety.
  - Diagnostic Leds on all outputs/inputs.
  - Extractable connectors for ease of installation.
  - Integrated receiver compatible with radio transmitters SMART, HEADROLL and HEAD ECOPY series (800 users).
- 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) VERG 24V



## Opening time of the barrier depending on beam length

BEAM LENGTH /	2.0	2.5	3.0	4.0	5.0*
VERG 24 V	2-3 sec	2-3 sec	3-4 sec	4-5 sec	5-6 sec*

\*Only with round beam

## Kit beam + spring (rectangular or round)

Kit rectangular beam + spring /	2 mtr	2.5 mtr	3 mtr	4 mtr	-
Kit round beam + spring /	2 mtr	2.5 mtr	3 mtr	4 mtr	5 mtr

## Accessories.

Loop detectors / Photocells / Key pads / Card readers / Transmitters & receivers / Telephone entry systems / Audio and video intercom systems wired and wireless.

Vehicle recognition systems / Biometric recognition systems / Patented rubber mechanical safety edge / Time clocks / Hold open switches.

