



FIELD 250/ 600

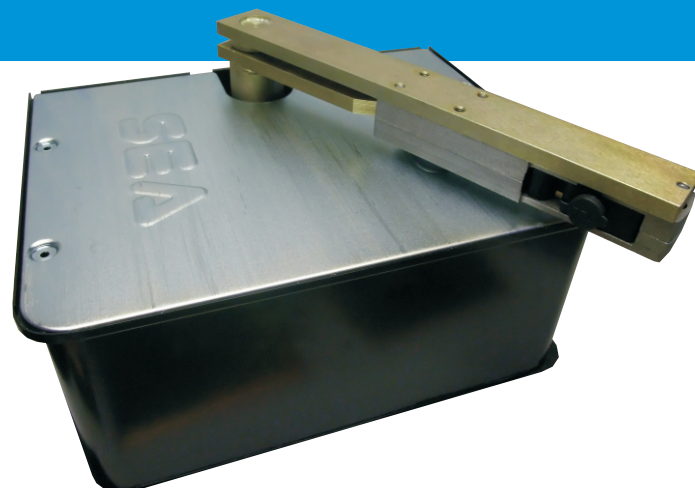
230V ELECTRO-MECHANICAL SWING GATE OPERATOR

MAX GATE LEAF LENGTH **3.5M**

MAX GATE LEAF WEIGHT **250/ 600Kg**

CYCLES PER HOUR UP TO **20**

LOCKING **YES**

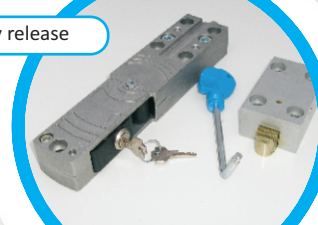


- Electromechanical underground operator for swing gates with 4 versions available (*Field 250kg, Field 600kg oil, 24Vdc & Fast*).
- Lubricated gear boxes in all motors (*250 - Grease Filled / 600 - Oil Filled for enhanced performance*).
- Adjustable mechanical stops in opening and closing (*Field 250 - optional / Field 600 - standard*).
- Universally handed motors for ease of installation.
- Stainless steel foundation boxes and 180 degree conversion kits available.
- Heavy duty foundation box capable of supporting gates up to 600 Kg.
- Engineered to a very high standard to provide reliability & durability.
- Opening time of 18 secs with a high speed option available.
- Strengthened gears on Field 600 to allow for higher loads.
- Double worm drive system for motor protection and increased power.
- Manual release systems that are easy to use - lever handle as standard / key locking system (*added security*) optional extra.
- Electronic soft stop eliminates noise at end of travel and reduces stresses on solid flexible gates, preventing foundation box distortion and any future alignment problems.

Toughened internal gears
double worm drive (Field 600
pictured)



Optional Key release



Standard release
with lever



Open stop on Field 600 &
optional on Field 250

SEA
The Engineers'
Choice!

Field 250 / 600

Specifications

250

600

fast

600 24V

Supply voltage
 Motor power
 Max leaf weight
 Cycles hour
 Operating temperature
 Operator weight
 Max leaf length
 Opening degrees
 Working time 90°
 Protection class
 Starting capacitor
 Max pushing force

230V +5% 50/60Hz			
280 W	310 W	380 W	150 W
250 kg	600 kg	300 kg	600 kg
15cy/hr	20cy/hr	20cy/hr	50cy/hr
-20°C + 55°C			
12 kg	12.5 kg	12.5kg	12.5kg
2.5 m	3.5 m	1.6 m	3.5 m
110°-180°			
18 sec	18 sec	9 sec	14-30 sec
Ip67			
10 uF	12.5 uF	10 uF	n/a
250 Nm	300 Nm	200 Nm	300 Nm

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).

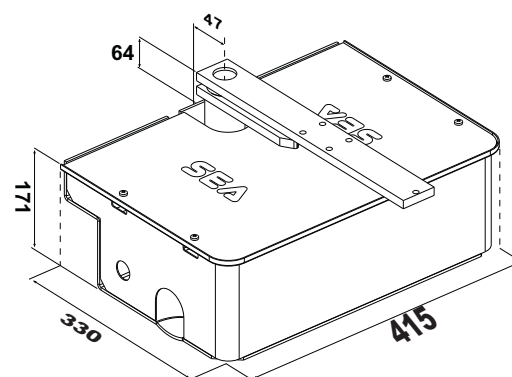
Compatible accessories

- 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.

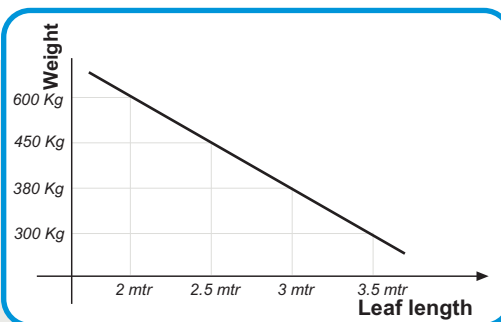
Accessories to Enhance your System:-

- Loop detectors
- Photocells
- Keypads
- Card readers
- Transmitters and receivers
- Telephone entry systems
- Audio and video intercom systems (wireless and cabled)
- Vehicle recognition systems
- Biometric identification systems
- Patented mechanical safety edges (wireless and cabled)
- Time clocks
- Hold open switches

Field Dimensions (mm)

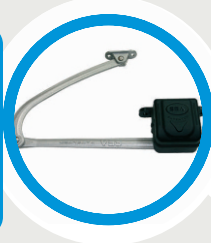


Gate leaf weight to length ratio



SEA SAFETY GATE:-

Patented reversing system for swing gates with a self learning movement sensor for additional safety.
 En12453 & EN 12445 tested.



Solar Powered Photocells

Long Range



High Security