



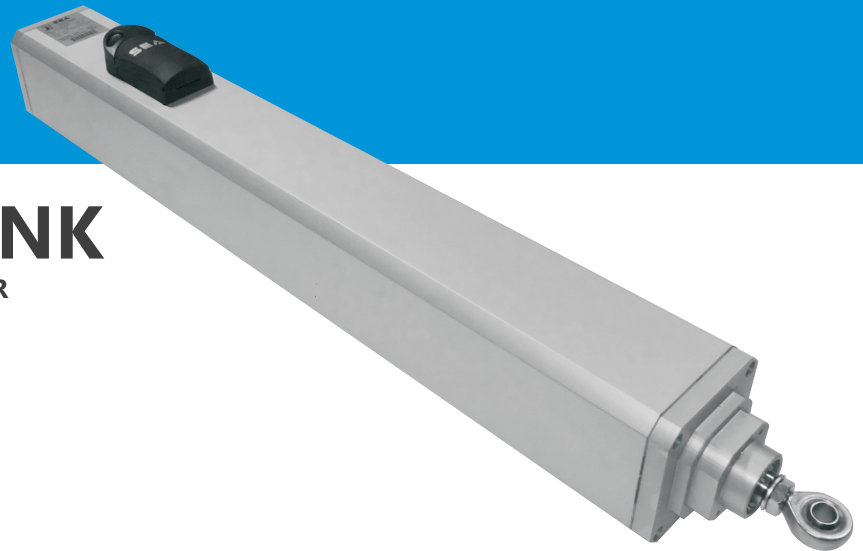
SUPER FULL TANK

230V HYDRAULIC SWING GATE OPERATOR

MAX GATE LEAF LENGTH **9M**

CYCLES PER HOUR **70**

LOCKING **4M**

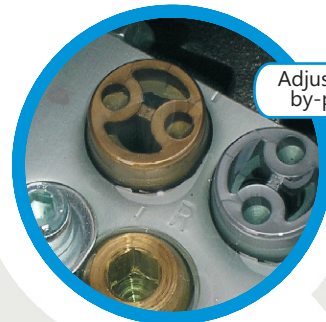


The power and reliability of a hydraulic system!

- Hydraulic swing operator for industrial use. Max. leaf length 9000 mm. Duty cycle of 70 operations per hour for continuously operated sites
- Manual release with customised key for use in the event of power failure
- Thermal overload built into the motor to provide the highest level of protection possible
- Adjustable safety valves in both directions of travel to protect vehicles, the gate and even the automation equipment from excessive forces
- Internal non return hydraulic lock valves provide a high strength locking system for gate leaves up to 4mtrs in length

Robust, reliable, safe, silent and secure!

- Gate leaves in excess of 4m can be fitted with electro-magnetic or electro-mechanical locks, providing the level of protection required for high security sites
- Stainless steel valves, motors fixing brackets and internal components make this the strongest industrial gate operator available
- The hydraulic system means that the Super Full Tank can operate large industrial gates, cost effectively, without fault for many years to come
- 25 mm diameter solid metal piston rod with 500mm of stroke for maximum control of large gate leaf versions



Adjustable safety by-pass valves



Manual Release with protective covering



Adjustable Ball Joint front bracket

SEA
The Engineers' Choice!

FULL TANK

Specifications

Supply Voltage	230Vac+5% 50/60Hz
Motor Power	310 W
Shaft Stroke	500 mm
Cycles Hour	70
Operating temperature	-20°C + 55°C
Operator Weight	18 Kg
Max leaf length	9 mtr
Opening Degrees	90° - 120°
Protection class	IP55
Starting Capacitor	16 uF
Max Pushing Force	2500 daN

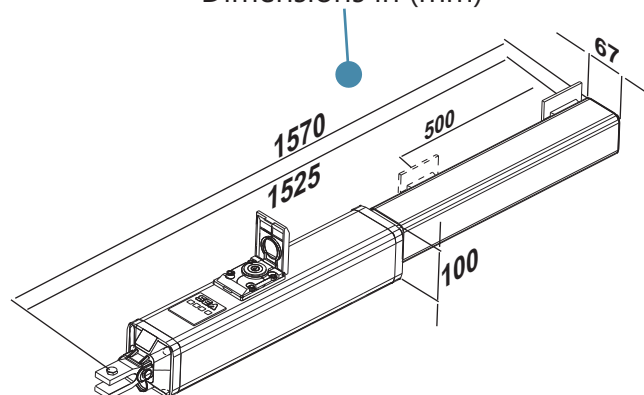
Gate 2 DG Control Panel

- 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.

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 locks / Hold open switches.



Full Tank vs SUPER Full Tank

Gate 2 DG Control Panel



Larger front bracket