

SEA[®]
electronic opening system

Mark Tank

Hydraulic swing gate operator
for residential /condominium use
(leaf length max 4 m)



- Hydraulic operator for swing gates satisfying the requirements of very exigent customers regarding quality and long time lasting
- Hydraulic silence and reliability
- SEA TOTAL QUALITY: All main parts are manufactured and tested in-house
- The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting
- Release system with special key
- On requested internal mechanical stop adjustable in opening and closing

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TECHNICAL SPECIFICATIONS

Specifications	Mark Tank
Power supply	230 Vac±5% 50/60 Hz
Motor power	220 W
Shaft Stroke	270 mm
Cycles/hour	50
Oper. temperature	from -20 °C to + 55 °C
Weight	11 Kg
Max leaf length	4 m
Opening degrees	90° - 120°
Shaft speed	1,2 cm/s (pump 1l)
Protection class	IP 55
Starting capacitor	12,5 µF
Max thrust	640 daN

Round joint for stroke adjustment



Anti-crashing security through force adjusting by-pass valves



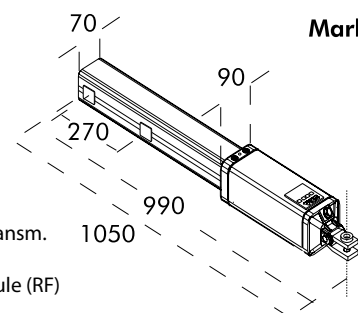
Swing 2

- Management of two 230 Vac motors without limit switch
- Automatic, automatic of security, semiautomatic, semiautomatic of security
- Adjustable slow down in opening and closing
- Motor torque adjustment
- Self-learning working times
- Auto-test on photocell
- Auto-diagnostic
- Electric lock management
- Encoder administration (also Safety GATE for swing gates)
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transmitters SMART, HEAD, COCCINELLA and SMART ECOPY (800 users) series with optional RF radio frequency module (RF)
- Encoder sensibility adjustment (Safety GATE)
- Pedestrian opening
- Photocells administration in opening and closing
- Reverse stroke, push over
- Programming trough PALM
- Connector for photocells WALL and SUNSET
- Administration pause
- 230 V on board warning lamp

Gate 2

- Management of two 230 Vac motors with or without limit switch
- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor torque adjustment
- Self-learning operating times
- Auto-test on photocells
- Integrated radio decoding compatible with radio transm. SMART, HEAD, COCCINELLA and SMART E-COPY (800 users) series with optional RF radio frequ. module (RF)
- Auto-diagnostic
- Administration encoder (also SafetyGate for swing gates)
- Pedestrian opening
- Courtesy lamp and control lamp management
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Soft start, push over and reverse stroke
- 230 V on board warning lamp with pre-flashing
- Leaf delay adjustment during self-learning
- Programming through PALM
- Connector for photocells WALL and SUNSET
- Photocells management in opening and closing
- Edge security and timer management

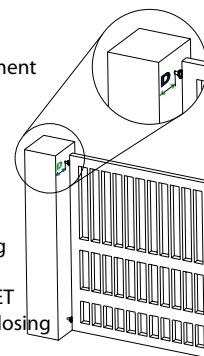
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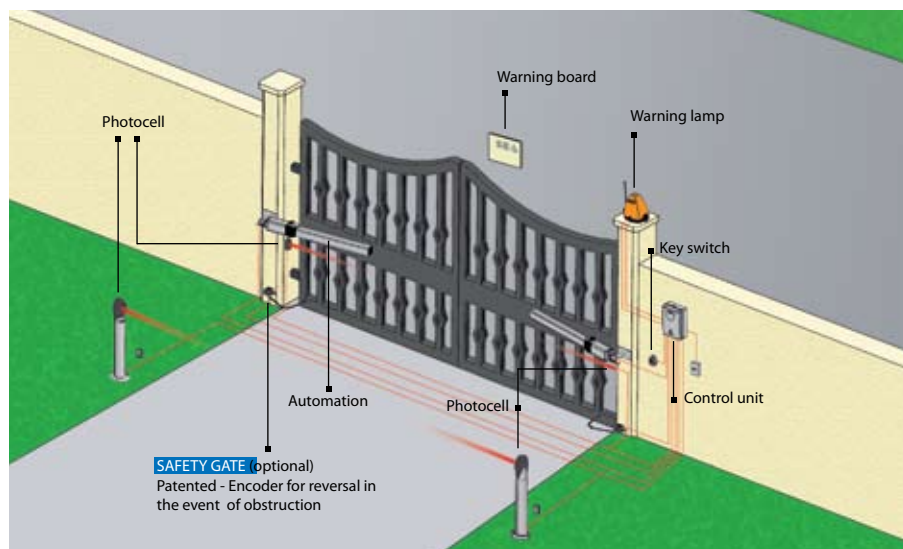
Dimensions (mm)

Max. dimensions between pivot of the gate and fixation wall

Stroke | D max | D max recommended
270mm | 25mm | 75mm



Standard installation



AC	SB	SC	SA
double lock	without lock	lock only in closing	lock only in opening



lock available

NOTE: In case of installations in very windy places or with closed panelled gates SEA recommends to choose operators without lock (SB).



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