

SEA[®]
electronic opening system

Full Tank

Hydraulic swing gate operator for
condominium use
(leaf: length max 7 m)



- Hydraulic operator for swing gates satisfying the requirements of very exigent customers regarding quality and long time lasting.
- Hydraulic silence and reliability.
- The functioning of the operator through oil and the inner lubrication of all mechanical components grant a long time lasting. .
- Anti –crashing security through force adjusting by-pass valves.
- Model 100 with 270mm run and model 200 with 390mm run for applications on pillars with long leaves.
- Available versions with hydraulic slow down in both opening and closing.
- Versions with lock in both directions (AC), only in closing (SC) only in opening (SA) and without lock (SB).

Full Tank

TECHNICAL SPECIFICATIONS

Specifications	Full Tank 100	Full Tank 200
Power supply	230 Vac±5% 50/60 Hz	
Motor power	220 W	
Shaft Stroke	270 mm	390 mm
Cycles/hour	70	
Oper. temperature	from -20 °C to + 55 °C	
Weight	12,8 kg	15,2 kg
Max leaf length	6,0 m	7,0 m
Opening degrees	90 ° - 120 °	
Shaft speed	1 cm/s (pump 1 l)	1,5 cm/s (pump 1,5 l)
Protection class	IP 55	
Starting capacitor	12,5 µF	
Max thrust	640 daN	



Round joint for stroke adjustment

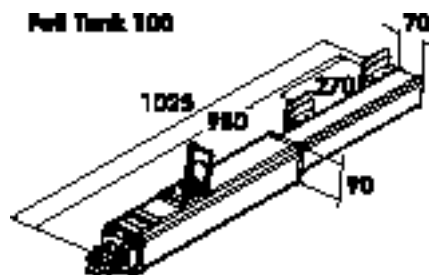


Release with lock in case of electric power cut

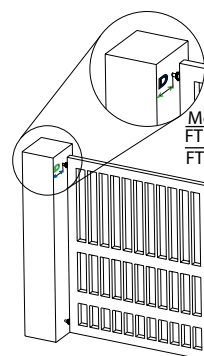
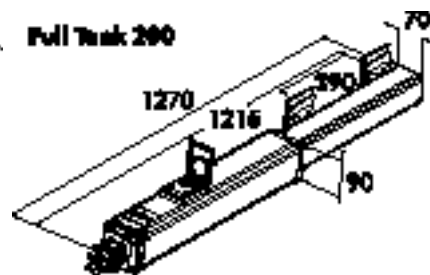
Gate 2

- Automatic logic (4 modalities), semiautomatic
- Slow down in opening and closing
- Motor couple adjustment
- Self-learning operating times
- Auto-test on photocells
- Auto-diagnostic
- Gestione encoder (anche SafetyGate per battenti)
- Pedestrian opening
- Electric lock management
- Diagnostic Leds on all outputs/inputs
- Extractable connectors
- Integrated radio decoding compatible with radio transm. SMART, HEAD ROLL, COCCINELLA and SMART E-COPY (800 users) series with optional RF radio frequ. module (RF)
- Pre- flashing
- Soft start
- Courtesy lamp and control lamp management
- 230 V on board warning lamp
- Leaf delay adjustment during self-learning
- Programming through PALM

Full Tank 100



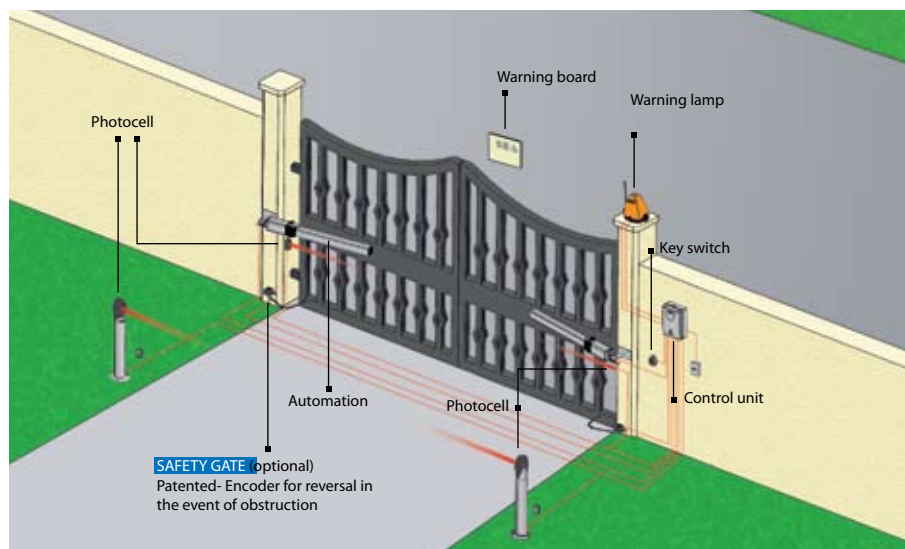
Full Tank 200



Dimensions between pivot of the gate and fixation wall

Model	Stroke	D max	D max recommended
FT 100	270 mm	125 mm	755 mm
FT 200	390 mm	240 mm	130 mm

Standard installation



AC	SB	SC	SA
double lock	without lock	lock only in closure	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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