

PRINCE

OPERATOR
FOR SWING GATES



- PRINCE 24V is a compact and powerful operator, ideal to comply with the EN norms currently in place.
- PRINCE 24V with its B2 24V pc board detects when the gate impacts against an obstacle, and reverses the movement. Furthermore, the system is endowed with pedestrian opening

command and photocells input with autotest as required by EN12453

- PRINCE 24V in combination with the B2 24V control panels controls the deceleration of the leaf when approaching the end of the stroke, giving the movement a greater impression of safety and fluidity.

- It is endowed with the patented release system and the mechanical stopper in opening. The stopper for the closing side can be easily inserted (ACG8088).
- PRINCE 24V, with the optional backup batteries, means that black-outs will pass totally unnoticed. It is possible to do up to 90 cycles during the black-out period. PRINCE 24V can also work without batteries.
- Patented UE 1 503 019 - US 7,000,353 B2
- PRINCE operator is endowed with a bronze trolley, adjustable bracket and mechanical stopper for opening position.

FOR SWING GATES WITH EACH LEAF UP TO 3 m LONG AND WEIGHING UP TO 250 kg

AA14031 PRINCE 24V

AD00732 KIT PRINCE 24V with T2 24V-CRX (with adjustable impact sensor)

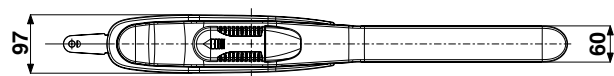
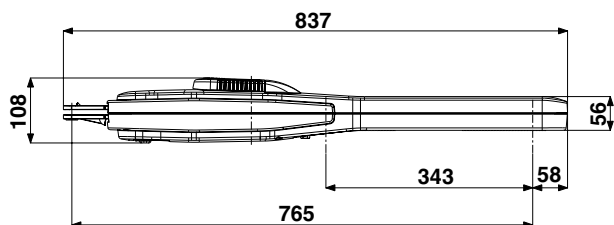
In case the leaf is longer than 2,5 meters an electric lock must be fitted to ensure efficient closing. To guarantee correct operations, it is compulsory to use only RIB pc boards.

GAR0022 Warranty extension 4 years for PRINCE

GAR0023 Warranty extension 7 years for PRINCE



Adjustable column and leaf brackets supplied with the operator



Dimensions in mm



* With incorporated mechanical stopper for opening phase. If the mechanical stopper is used during closing (optional code ACG8088), the maximum stroke is reduced by 35 mm.

The use of the PRINCE is not advisable with paneled gates in windy areas.

TECHNICAL DATA		PRINCE 24V
Max. leaf length	m	3
Max. leaf weight	kg	250
Max. stroke	mm	343*
Average opening time	s	14
Max. thrust	N	1450
Power supply	V	24
Power absorbed	A	2,2
Actuator weight	kg	5
Protection grade	IP	44
Operating temperature	°C	-30 ÷ +55
Daily cycles suggested		60
Service	%	80
Nr of consecutive cycles guar.		60/14s

ACCESSORIES FOR PRINCE

NEW



ABB2070 B2 24V-CRX
pc board (for 1 or 2 PRINCE 24V) with adjustable impact sensor and radio receiver 433MHz. With box IP55. See pages 135 and 145

NEW



ACG4773 BATTERIES CHARGER
for B2 24V - It manages 2 batteries ACG9515 (or up to 12 Ah each) and can be connected to STECA SOLSUM 10.10F solar charge controller with 1 solar panel of 24V 100 W (or 2 by 12V 50 W connected in series)



ACG9515 BATTERY
2,2Ah 12V (order 2 pieces for each ACG4773)



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ACG8088 STOPPER
mechanical stopper for closing position (to be used when ground stopper not available)



ACG8660 HORIZONTAL LOCK
12Vac



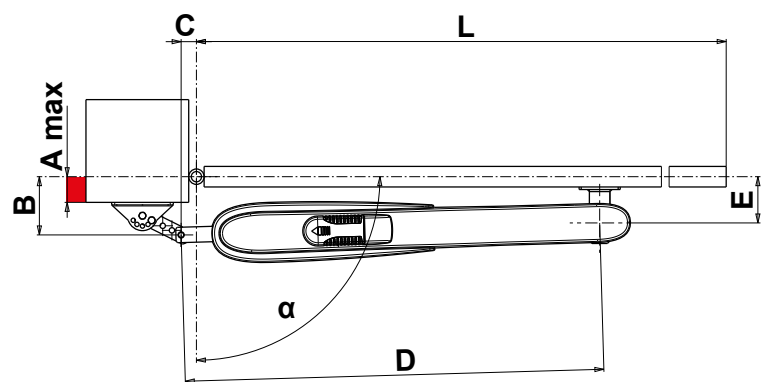
ACG8670 HORIZONTAL LOCK
12Vac.



ACG8650 VERTICAL LOCK
12Vac



ACG5000 MECHANICAL BOLT
for 2-leaf gates to latch closed gate to the ground



L Min.-Max	α	A max	B	C	D	E	T sec
1÷3	90°	0	100	100	765	90	13,5
		20	100	100	765	90	13,5
		40	100	100	765	90	13,5
		60	110	100	765	90	14
	80	140	110	765	115	17	
	100	160	110	765	115	18	
	120	180	110	765	115	19,5	
	140	210	110	765	115	21,5	
	150	220	120	765	115	23	
	110°	20	110	140	765	90	17

KIT PRINCE
See page 106
starting from