



calypso

Irreversible electromechanical actuator

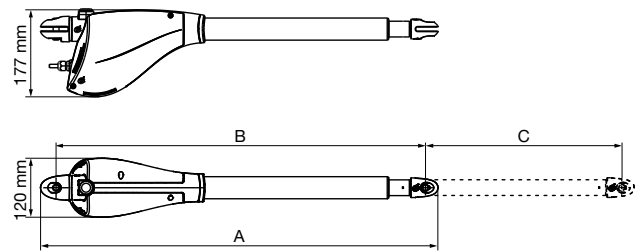
for swing gates with leaves up to 4 m in length

Available in two versions: **24V** and **230V**



PLUS

- Single version for both right and left leaves
- Practical release system
- 24V version for intensive use
- 400 version for leaves up to 2.5 m
- 500 version for leaves up to 3 m
- 600 version for leaves up to 4 m



	CALYPSO 400	CALYPSO 500	CALYPSO 600
A	819	944	1044
B	762	887	987
C	400	500	600

TECHNICAL FEATURES

Description	230V for leaves up to 2.5 m	230V for leaves up to 3 m	230V for leaves up to 4 m	24V for leaves up to 2.5 m	24V for leaves up to 3 m
MODEL	CALYPSO 400	CALYPSO 500	CALYPSO 600	CALYPSO 400-24V	CALYPSO 500-24V
CODE	22G001	22G003	22G016	22G014	22G015
Maximum leaf length (m)	2.5	3	4	2.5	3
Maximum leaf weight (Kg)	400	500	500	300	400
Power supply (Vac - Hz)	230 - 50	230 - 50	230 - 50	24 Vdc	24 Vdc
Idling current (A)	0.8	0.8	0.8	0.5	0.5
Full load current (A)	1.2	1.2	1.2	6	6
Maximum electric power (W)	250	250	250	-	-
Opening time of the leaf 0 ÷ 90° (s)	22	25	30	22	27
Maximum travel (mm)	400	500	600	400	500
Operating speed (m/s)	0.016	0.016	0.016	0.015	0.015
Maximum thrust (N)	2300	2300	2300	1500	1500
Working temperature (°C)	-30 ÷ +50	-30 ÷ +50	-30 ÷ +50	-30 ÷ +50	-30 ÷ +50
Protection degree (IP)	44	44	44	44	44
Duty cycle (%)	30	30	30	90	90
Motor weight (Kg)	6.5	6.8	7.1	6.3	6.6

CONTROL UNITS TO BE USED

M
230V



M
230V



M
230V



CITY1-EVO

Digital control unit for **230V** motors

FLEXY2

Analogue control unit for **230V** motors

CITY11

Analogue control unit for **230V** motors
Output for **12V** electrolock

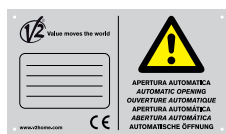
M
24V



CITY2+L

Digital control unit for **24V** motors

ACCESSORIES



162237

Kit of brackets to be screwed

ACC009

Warning sign



calypso kit

Installation kit for swing gates
with leaves up to 2.5 m long

Available with 24V and 230V motors

COMPOSITION



1
Irreversible electromechanical actuator



2 CITY1-EVO
Digital control unit for 230V motors



2 FLEXY2
Analogue control unit for 230V motors



2 CITY2+L
Digital control unit for 24V motors



3 PHOX2
433.92MHz rolling code transmitter



4 MR2
Plug-in module receiver



5 SENSIVA-XS
Miniaturized wall-mounted and pillar-mounted photocells

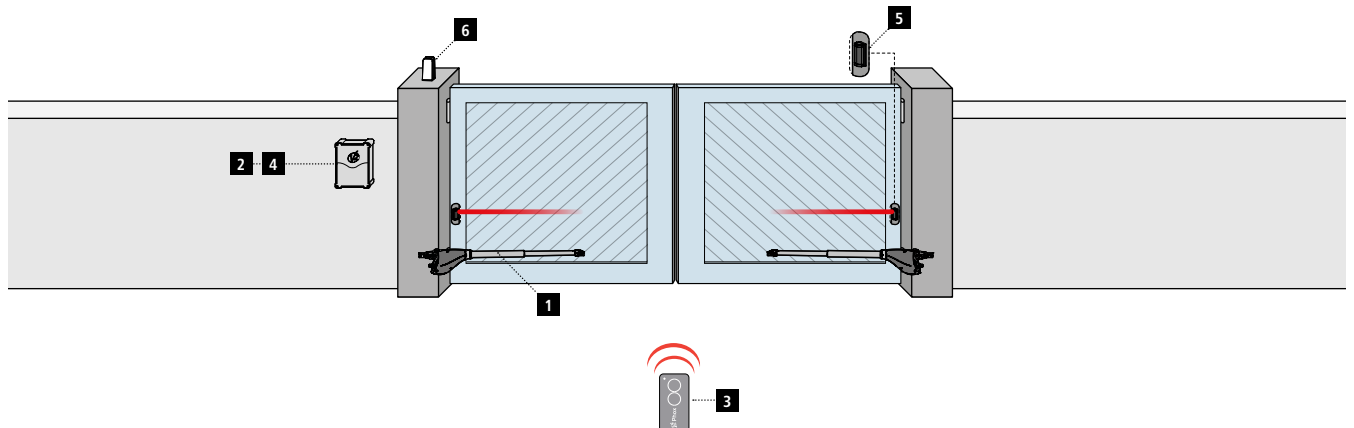


6 LUMOS-M
Led flashing light



7 ACC009
Warning sign

ASSEMBLY DIAGRAM



To complete the installation with other additional accessories refer to the example system at the beginning of the section



TECHNICAL FEATURES

	230V for leaves up to 2.5 m	24V for leaves up to 2.5 m
MODEL	CALYPSO 400	CALYPSO 400-24V
CODE	22G001	22G014
Maximum leaf length (m)	2.5	2.5
Maximum leaf weight (Kg)	400	300
Power supply (Vac - Hz)	230 - 50	24 Vdc
Idling current (A)	0.8	0.5
Full load current (A)	1.2	6
Maximum electric power (W)	250	-
Opening time of the leaf 0 ÷ 90° (s)	22	22
Maximum travel (mm)	400	400
Operating speed (m/s)	0.016	0.015
Maximum thrust (N)	2300	1500
Working temperature (°C)	-30 ÷ +50	-30 ÷ +50
Protection degree (IP)	44	44
Duty cycle (%)	30	90
Motor weight (Kg)	6.5	6.3

MOTORS FOR SWING GATES

calypso kit

Selection guide

	Kit MODEL	CONTROL UNIT	PHOX2	MR2	SENSIVA-XS	LUMOS-M	ACC009	Kit CODE
230V	Kit Light-E CALYPSO-230V	CITY1-EVO	■ ■	■				29D044
	Kit Full-E CALYPSO-230V	CITY1-EVO	■ ■	■	■	■	■	29D045
	Kit Light-A CALYPSO-230V	FLEXY2	■ ■					29D029
	Kit Full-A CALYPSO-230V	FLEXY2	■ ■		■	■	■	29D030
24V	Kit Light CALYPSO-24V	CITY2+L	■ ■	■				29D033
	Kit Full CALYPSO-24V	CITY2+L	■ ■	■	■	■	■	29D034