



AXO

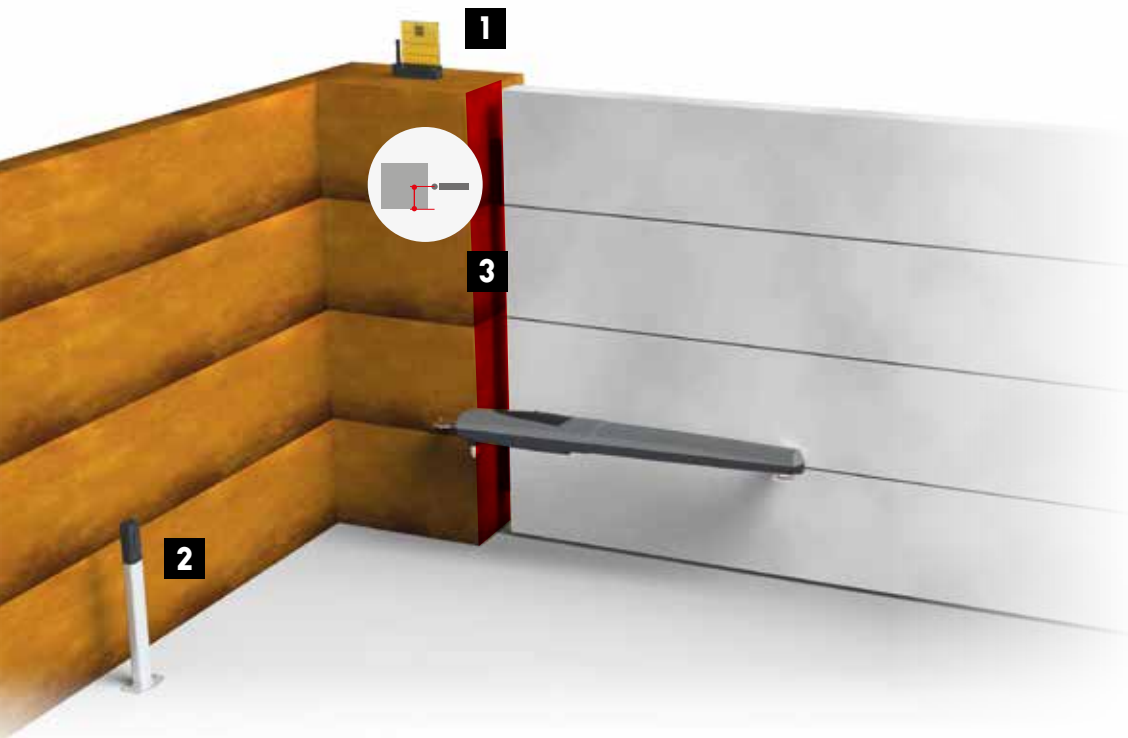
**IDEAL SOLUTION
FOR APPLYING
TO GATES
IN SINGLE HOMES
OR APARTMENT
BLOCKS.**

Gate leaves
of up to 7 m



CAME 

[CAME.COM](https://www.came.com)



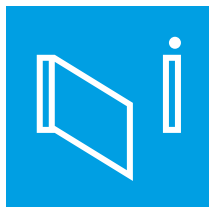
1
LED flashing light
low consumption

2
Inside photocell

3
C Max. Distance
between the post's
inside surface and
the gate's rotating
axis

PLAIN VIEW OPERATORS FOR SWING GATES.

Ideal for swing gates of various sizes:
from 2 to 7 m (6.6/23 ft) long per gate leaf.
Quick and easy installation even where space
limitations are an issue due to walls or fences.



THE ADVANTAGES OF CAME'S AXO

- Tested in compliance with the law.
- Available in reversible and irreversible mode.
- Fully covered and protected endless scrow.
- Encoder technology for controlling slow-downs.
- Adjustable mechanical stops for memorizing gate travel.
- Die-cast aluminum supporting half-shells.

24 VOLT VERSION

- **The 24 V** versions can work in emergency mode during power outages.
- **The 24 V** versions feature a simplified connection system with a single three-conductor cable to control the motor and the encoder.



SAFETY IS UNDER CONTROL

The system is managed by the adjustable control panel, which, among its other features, automatically diagnoses the safety devices, meaning that it verifies the proper operation of the photocells and sensitive safety edges, before working the gate.

ELECTROMECHANICAL IS BETTER

Axo is an electromechanical operator designed to be always ready for use, even in the worst weather conditions. In keeping to Came's excellent tradition, it needs no periodic lubricating. In case of power outages, Axo can be released using the special key, so that can open the gate manually.

A CUSTOM CHOICE

The Axo range stands out thanks to its various options, which differ in terms of performance and are designed to meet all application needs so as to always provide a "custom" installation.

DESIGN AND TECHNOLOGY

By only using premium materials for each component, Came ensures the quality and reliability of each gate operator. The body consists of two die-cast aluminium half-shells. The gate-leaf's mechanical stops are adjustable. Also, the electronics of both the 230 V AC motor, and, the 24 V DC motor versions feature an on-board encoder for managing the gate leaf in complete safety, even when obstructions are present.

AXO TECHNOLOGY



GUARANTEED 24 VOLTS

The 24 V DC gearmotors are designed for intensive duty and are guaranteed to work even during power outages. This icon also means that a product is powered by low voltage.



EN TESTED SAFETY

This operator is tested in conformity with European Standards on impact forces.



CAME CONNECT

This product can be remotely controlled via CAME Connect Cloud-technology.



ENCODER

Gearmotor or operator with Encoder.

READ UP AT CAME.COM ABOUT THE FULL RANGE OF CAME OPERATORS AND ACCESSORIES



TRANSMITTERS



PHOTOCELLS



KEY-SWITCH
SELECTOR



12 KEYPAD
SELECTOR

Came is a market leading home, industrial, and special technological projects automation manufacturing company. A full range of household solutions: from operators for gates and garage doors, to shutter and awning winding motors, and even home automation control, to burglar proof and video entry systems. Technology and reliability to serve your business, thanks to solutions designed for powering large industrial doors, automatic doors, street barriers, turnstiles, access control systems and parking facilities.

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CAME AUTOMATED OPERATORS AND ACCESS CONTROL

SLIDING GATE OPERATORS



SWING GATE OPERATORS



AUTOMATED OPERATORS FOR SECTIONAL AND GARAGE DOORS



AUTOMATIC STREET BARRIERS



OPERATORS FOR INDUSTRIAL ENTRANCES



AUTOMATED OPERATORS FOR ROLLER SHUTTERS



AUTOMATIC TURNSTILES AND ACCESS CONTROL



AUTOMATIC PARKING SYSTEMS



ACCESSORIES



COMPLETE SYSTEMS



CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!

Axo is available with motor at 230 V AC and 24 V DC versions.

The table shows the main characteristics of the control panels, matched to the gearmotors.





CONTROL BOARD / CONTROL PANEL

	ZM3E	ZLJ24	ZLJ14
SAFETY			
SELF-DIAGNOSING safety decives	■	■	■
PRE-FLASHING when opening and closing	■	■	■
REOPENING during closing	■	■	■
RECLOSEING during opening	■	■	■
Obstruction WAIT	■	■	■
TOTAL STOP	■	■	■
PARTIAL STOP	■	■	■
OBSTRUCTION DETECTION in front of photocells	■	■	■
ENCODER	■	■	■
MOVEMENT CONTROLLING and OBSTRUCTION DETECTING device	■	■	■
AMPEROMETRIC DETECTION		■	■
COMMAND			
PEDESTRIAN OPENING 1 leaf	■	■	■
PARTIAL OPENING 1 leaf	■	■	■
OPEN ONLY from transmitter and/or from button	■	■	■
ONLY OPEN or ONLY CLOSE button connection	■	■	■
OPEN-STOP-CLOSE-STOP from the transmitter and/or button	■	■	■
OPEN-CLOSE-INVERT from the transmitter and/or button	■	■	■
MAINTAINED ACTION from button	■	■	■
DELAYED OPENING 1st leaf	■	■	
DELAYED OPENING 2nd leaf	■	■	
CHARACTERISTICS			
FLASHING LIGHT connection	■	■	■
CYCLE LIGHT connection	■	■	■
COURTESY LIGHT connection	■	■	■
Antenna connection	■	■	■
OPEN ALERT LIGHT connection	■	■	■
Contact output for 2nd RADIO CHANNEL	■	■	■
OPERATING TIME adjusting	■	■	■
SELF-LEARNING of the transmitter's RADIO CODE	■	■	■
Connection for the ELECTRIC LOCK and/or RAMMING	■	■	■
Adjustable AUTOMATIC RECLOSEING TIME	■	■	■
OPENING and/or CLOSING slow downs	■	■	■
EMERGENCY BATTERY operation (optional)	■	■	■
TRAVEL and SLOW DOWN SPEEDS adjustable*	■	■	■
DISPLAY	■	■	■
Self-learning of the opening and closing gate-travel	■	■	■
CAME Connect	■	■	
Designed to fit RIO System 2.0			
CRP control	■	■	
ENERGY SAVINGS control (001RGP1)			

NOTES: * 002ZM3E only slow-down speed.

■ 230 V AC ■ 24 V DC

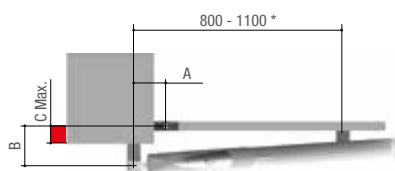
AXO TECHNOLOGY

				
PRODUCT				
AX302304		■	■	
AX312304		■	■	
AX402306		■	■	
AX412306		■	■	
AX71230			■	
ZM3E		■		■
AX3024	■	■	■	
AX5024	■	■	■	
ZLJ14	■	■		
ZLJ24	■	■		■
LB90	■			
LB180	■			

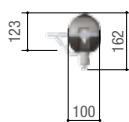
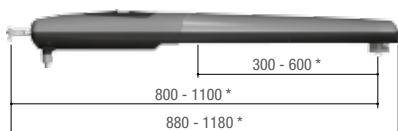
The table here above, shows **only** products associated to the mentioned **CAME technologies**. All other range products are listed on the General Catalogue.

002LB90 - 002LB180 - Two 12 V - 1,2 Ah or 7 Ah batteries (not supplied), on the 002ZLJ14 and the 002ZLJ24 fit a suitable outer brace.

DIMENSIONS (MM)



* 001AX5024 - 001AX71230



APPLICATION DIMENSION (MM)

MODELS	AX302304 · AX312304 · AX402306 · AX412306 · AX3024		
LEAF OPENING (°)	A	B	C Max.
90	130	130	70
120	140	100	50
MODELS	AX5024 · AX71230		
LEAF OPENING (°)	A	B	C Max.
90	200	220	150
120	220	220	100

OPERATING LIMITS

MODELS	AX302304 · AX312304 · AX3024						
Max. width of leaf (m)	-	-	-	-	3	2,5	2
Max. weight of leaf (kg)	-	-	-	-	500	600	800
MODELS	AX402306 · AX412306						
Max. width of leaf (m)	-	-	-	* 4	3	2,5	2
Max. weight of leaf (kg)	-	-	-	300	500	600	800
MODELS	AX5024						
Max. width of leaf (m)	-	-	* 5	* 4	3	2,5	2
Max. weight of leaf (kg)	-	-	400	500	700	800	1000
MODELS	AX71230						
Max. width of leaf (m)	** 7	** 6	* 5	* 4	3	2,5	2
Max. weight of leaf (kg)	300	350	400	500	700	800	1000

NOTES: * It is obligatory to fit an electric lock on the gate leaf.

** Do not fit panels on gate leaves longer than 5 m. With reversible versions, when the gate is open, the gate leaf could close back up if there is a strong wind.

TECHNICAL CHARACTERISTICS

MODELS	AX302304	AX312304	AX402306	AX412306	AX71230	AX3024	AX5024
Protection rating (IP)	44	44	44	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	-	-
Power supply to motor (V)	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	230 AC 50/60 Hz	24 DC	24 DC
Absorption (A)	1,5	15	1,5	15	1,5	10 Max.	10 Max.
Power (W)	175	175	175	175	175	120	120
Maneuvering time at 90° (s)	20	20	28	28	40	ADJUSTABLE	ADJUSTABLE
Duty/cycle (%)	50	50	30	30	30	HEAVY-DUTY	HEAVY-DUTY
Thrust (N)	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500	500 ÷ 4500
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55
Motor's heat protection (°C)	150	150	150	150	150	-	-

■ 230 V AC ■ 24 V DC



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 UNI EN ISO 14001
 BS OHSAS 18001

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