



## Camé **BKV**

EFFICIENT  
AND TOUGH  
SLIDING  
GATE

OPERATORS  
FOR LARGE  
GATES.

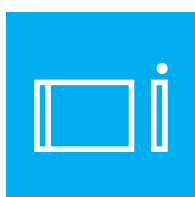
**CAME** 

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





Designed, built and tested for intensive duty on large gates, weighing up to 2500 Kg and measuring up to 20 m.



## BKV MAIN FEATURES

- **ADAPTIVE TORQUE TECHNOLOGY** for fluidity of movement and constant speed with obstruction detection system.
- **4 DIRECT SAFETY INPUTS**, also settable as dry contact inputs and resistive inputs (8k $\Omega$ ), to connect resistive safety edges directly to the board.
- **SETUP ASSISTANT FUNCTION** to perform all the standard configurations in a quick 7-step guided procedure.
- **FULL GRAPHIC DISPLAY** allowing easy set up and maintenance. Together with step-by-step instructions in 7 languages, the standard CAME "F code" mode is available for quicker configuration of the system.
- **4 PIN FIXING PLATE** for a solid installation.
- **DC SYSTEM (36V) WITH ENCODER**, ensures perfect slow-down management and best performance.

## PLUS VERSIONS DESIGNED FOR EXTREME CONDITIONS



This special version is designed specifically to guarantee efficiency and reliability in adverse weather conditions (such as low temperature, snow and ice that may interfere with the gate mechanical parts) and daily heavy duty (such as many open/close cycles per day with scheduled opening times)

**BKV PLUS is equipped with  
MAGNETIC LIMIT SWITCHES  
AND CLOCK MODULE.**



## ADVANCED FEATURES

- ROLLING CODE AND TWIN RADIO DECODING up to 250 users.
- MEMORY ROLL MODULE to save and load the configuration data and transmitters.
- EQUIPPED WITH CAME KEY SLOT for advanced configurations and settings via smartphone or tablet.
- DESIGNED FOR CAME Connect TECHNOLOGY, for remote control and advanced management.
- SMOOTH START AND STOP as well as fluidity of the movement, assures long life and constant performances throughout time.
- EASY MANUAL RELEASE SYSTEM with key slot.
- OPENING DIRECTION SETTING available as a quick function on the display, without modifying the motor's wiring.
- MANOEUVRE COUNTER to visualize directly on the display the number of manoeuvres carried out by the automation, making system maintenance easier.

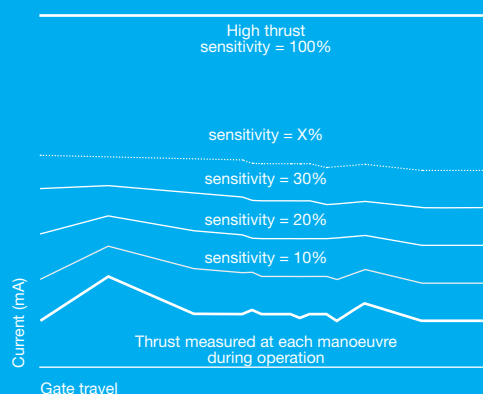


# ADAPTIVE TORQUE TECHNOLOGY

**BKV** guarantees efficiency and low maintenance costs, thanks to the continuous torque adaptation.

The control board manages, instant by instant, the running speed, acceleration and deceleration ramps, as well as the absorbed current.

The adaptive torque system constantly evaluates weight and friction to detect obstacles and to keep the speed at the set level.



The continuous torque adaptation allows the motor to be always updated to possible friction variations and to perform regularly at any latitude, with any weather conditions.



## NO MORE FAKE ISSUES

The ADAPTIVE TORQUE TECHNOLOGY guarantees higher safety in case of obstacles, as well as the right detection of fake issues (as dirt or little rocks on the rail) that may cause a blockage and require a technician's intervention.

No waste of time for the installer, great satisfaction for the customer.



# A GATE OPERATOR THAT OFFERS SO MUCH MORE

The ZN8 electronics enable several extra functions, available as additional modules to be plugged directly on the control boards.

## **\*CLOCK MODULE**

innovative function to manage up to 8 automatically programmed scheduled openings.

## **\*MAGNETIC LIMIT SWITCHES**

for efficient start and stop in any weather condition.

## **RIO SYSTEM**

wireless technology is CAME's solution for installing all the control and safety devices through radio connection, with no need for cables.

## **TRANSPONDER READER AND KEYBOARD**

directly connected to the control board R800/R700 slot.

## **ENERGY SAVING MODULE**

for low consumption during standby.

## **RSE MODULE**

for paired mode, which allows easy installation and configuration of double-operator gates using "master & slave" system.

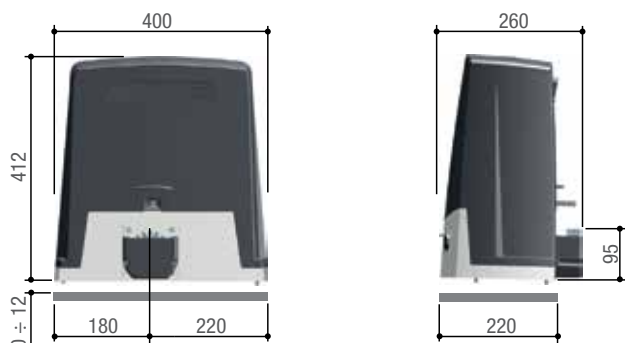
## **SAFETY BATTERY SYSTEM**

to guarantee the correct functioning during blackouts.

\* Included in Plus versions



# THE COMPLETE RANGE



## OPERATIONAL LIMITS

MODELS CODE	BKV1500	BKV2000	BKV2500	PLUS			120 V AC	
				BKV1500P	BKV2000P	BKV2500P	801MS-0330	801MS-0340
Max. length of leaf (m)	20	20	20	20	20	20	20	20
Max. weight of leaf (kg)	1500	2000	2500	1500	2000	2500	1500	2000

## TECHNICAL CHARACTERISTICS

MODELS CODE	BKV1500	BKV2000	BKV2500	BKV1500P	BKV2000P	BKV2500P	801MS-0330	801MS-0340
Protection rating (IP)	44	44	44	44	44	44	44	44
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	120 AC	120 AC
Power supply to motor (V)	36 DC	36 DC	36 DC	36 DC	36 DC	36 DC	36 DC	36 DC
Absorption (A)	8	9	10	8	9	10	8	9
Manouvering speed (m/min)	12	12	12	12	12	12	12	12
Duty/cycle (%)	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE	HEAVY-DUTY SERVICE
Power (W)	200	250	300	200	250	300	200	250
Thrust (N)	800	900	1000	800	900	1000	800	900
Operating temperature (°C)	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55	-20 ÷ +55

● 36 V DC

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