

Bk



OPERATOR FOR
SLIDING GATES
WEIGHING UP TO
2,200 KG (4,500 LB)



CAME

Flexibility and safety in any situation.

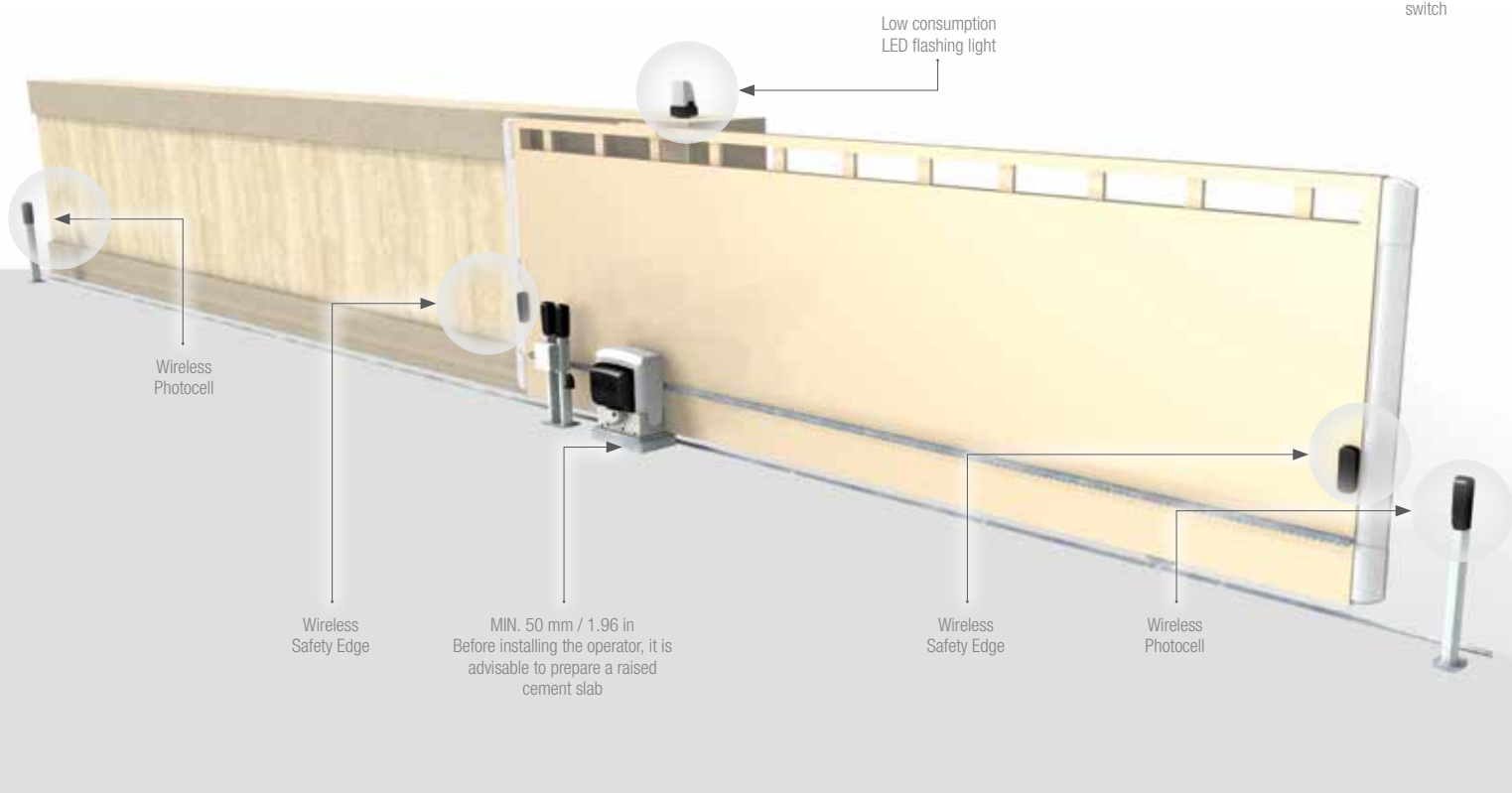
Bk is just right for large sliding gates weighing up to 2,200 kg (4,500 lb). Fluid linear movement in a full range designed for different types of industrial and intensive uses.



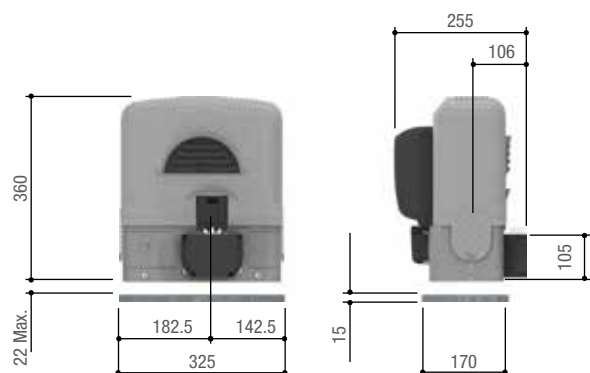
Outside photocells



Outside selector switch



Dimensions (mm)



Bk is fitted with adjustable feet to perfectly adapt it to the resting surface and to the transmission rack fitted on the gate.



Benefits become solutions.

AMPLE CHOICE

The Bk range comprises nine different models, even with triphase electronics, to meet every possible need, even in terms of safety, thanks to its encoder technology. Just talk to your installer to choose the best solution for your needs.

ALL RESISTANT

Beginning with the installing into the ground, which is precise and reliable, the rest is taken care of by the extreme quality and sturdiness of all of the components: from those more exposed to weather conditions, to the electronics inside that checks the operation of all of the safety devices connected to the system before opening or closing the gate.



PRATICO SYSTEM

User friendly and safe in case of emergency, PRATICO SYSTEM is the system to mechanically release the gearmotor by simply using the radio control, to manually open the gate in case of need. (model BK-1200P).

THE 230 V ELECTRONICS

- Stop the gate directly from the transmitter; controlling its movement is always firmly in your hand.
- Partial opening to only allow pedestrian transit.
- Safe even when the gate is idle, thanks to the special electronic circuit that cancels every command if an obstruction in the gate leaf's area of operation is detected by the safety devices.



The Triphase benefits!

Greater thrust during operation.
The 230-400V triphase electronics provide much greater thrust during the initial gate movement, to overcome any critical issues due to the gate's weight.

Frequent passages.
The triphase gearmotor ensures operation even under the most severe conditions of use such as with industrial applications.

Inertia control.
With large industrial doors, their weight is often an issue to solve in terms of safety and proper operation of the system. Passive inertia, in terms of the gate travel, may lead to malfunctions as well as user hazards.

Read up at came.com about the full range of Came products!

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.





CUSTOMIZED ELECTRONICS FOR YOUR NEEDS!

Bk is available in both the 230 V AC version and the triphase 230 - 400 V AC version.

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



GARANZIA QUALITÀ ORIGINALE

Came products
are entirely designed
and made in **ITALY**



Came S.p.A.
is Quality
and Environmentally certified by
UNI EN ISO 9001
UNI EN ISO 14001

CONTROL PANEL

	ZBK	ZBKE	ZBK8	ZT6	ZT6C
SAFETY FEATURES					
SELF-DIAGNOSING safety devices	●	●	●	●	●
PARTIAL STOP	●	●	●	●	●
OBSTRUCTION DETECTED in front of photocells	●	●	●	●	●
ENCODER *		●			
CONTROL FEATURES					
PARTIAL OPENING one leaf	●	●	●	●	●
OPEN ONLY from transmitter and/or button	●	●	●	●	●
OPEN ONLY or CLOSE ONLY button connection	●	●	●	●	●
OPEN-STOP-CLOSE-STOP from transmitter and/or from button	●	●	●	●	●
OPEN-CLOSE-INVERSION from transmitter and/or from button	●	●	●	●	●
MAINTAINED ACTION	●	●	●	●	●
EMERGENCY RELEASE from transmitter			●		
CHARACTERISTICS AND ADJUSTMENTS					
CYCLE LAMP connection	●	●		●	●
COURTESY LAMP connection	●	●		●	●
MASTER-SLAVE **	●	●		●	●
Adjustable AUTOMATIC RECLOSING TIME	●	●	●	●	●
Electronic brake	●	●		●	●

NOTES:

● 230 V AC ● 230-400 V AC Triphase

*Electronic device for controlling movement that also detects any obstructions and possible emergency situations.

**With double sliding door leaves, a single operator (the Master) can control the second operator (the Slave).

MODEL

	BK-800	BK-1200 BKE-1200	BK-1200P	BK-1800 BKE-1800	BK-2200 BKE-2200	BK-221	BK-2200T
Protection rating (IP)	54	54	54	54	54	54	54
Power supply (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230-400 AC TRI.
Power supply to motor (V - 50/60 Hz)	230 AC	230 AC	230 AC	230 AC	230 AC	230 AC	230-400 AC TRI.
Draw (A)	4.5	3.3	3.3	4.2	5.1	5.1	1.5
Power (W)	520	380	380	480	580	580	600
Opening time (m/min) / (ft/min)	10.5 / 34.5	10.5 / 34.5	14.5 / 47.5	10.5 / 34.5	10.5 / 34.5	10.5 / 34.5	10.5 / 34.5
Duty cycle (%)	INTENSIVE USE	50	30	50	50	INTENSIVE USE	50
Thrust (N)	800	850	850	1150	1500	1500	1650
Operating temperature (°C / °F)	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131	-20 ÷ +55 / -4 ÷ +131
Motor's heat protection (°C / °F)	150 / 302	150 / 302	150 / 302	150 / 302	150 / 302	150 / 302	150 / 302

● 230 V AC ● 230-400 V AC Triphase

LIMITS TO USE (MAXIMUM LEAF LENGTH)

13 m 42.7 ft	BKE-1200 1,200 Kg 2,640 lb	BKE-1800 1,800 Kg 3,970 lb	BKE-2200 2,200 Kg 4,850 lb			
14 m 46 ft	BK-1200P 1,200 Kg 2,640 lb					
20 m 65.6 ft	BK-800 800 Kg 1,770 lb	BK-1200 1,200 Kg 2,640 lb	BK-1800 1,800 Kg 3,970 lb	BK-2200 2,200 Kg 4,850 lb	BK-221 2,200 Kg 4,850 lb	
23 m 75.5 ft	BK-2200T 2,200 Kg 4,850 lb					

● 230 V AC ● 230-400 V AC Triphase

SOME VERSION MAY NOT BE AVAILABLE IN YOUR COUNTRY.
FOR MORE INFORMATION PLEASE CHECK WITH YOUR LOCAL
AUTHORIZED DEALER.

Official Partner



MILANO 2015
FEEDING THE PLANET
ENERGY FOR LIFE

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