

# PARKING BARRIERS AUTOMATION **G8000** up to 7,6 m

## A new concept in automatic barriers

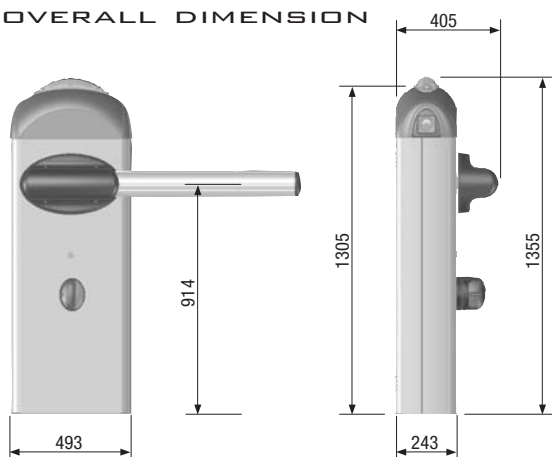
The new CAME GARD series barrier implements all the recommendations prescribed by the new European standards generated by the new Machine Directives, with the objective of meeting the criteria of utmost modularity in terms of application and operations. It is available in the 230V A.C. motor and the 24V D.C. motor versions, the latter particularly ideal for frequent use.



### STRENGTHS

- **INTEGRATION AND MODULARITY:** photoelectric cells and command selectors are integrated with the automation, in perfect visual harmony.
- **EXCLUSIVE INCORPORATED FLASHING LAMP** with a lighted LED diffuser. Combines design and modern lighting technology of illumination.
- **COMMAND ELECTRONICS** positioned in a way to make any type of intervention particularly practical.
- **ANTI-SHEARING SECURITY** mechanism in the point where the bar rotates.
- **SELF-MEMORIZATION** of the radio code between the transmitter and the radio receiver.
- **ROUND TUBULAR BAR:** for maximum reduction of the "sail" effect.
- **SAFETY LIGHTS:** an electronic contact cuts off the illumination voltage once the inspection door is opened.
- **ENCODER:** for the electronic control of the movement in the version with a 230V motor.
- **SPRING WITH DIFFERENTIATED SENSITIVITY:** For supreme balancing of the shafts.

### OVERALL DIMENSION



### TECHNICAL INFORMATION

| Type                    | G2081 / G20811        | G2080 / G20801    |
|-------------------------|-----------------------|-------------------|
| Protection level        | IP54                  |                   |
| Power supply            | 230V 50-60 Hz         |                   |
| Motor power supply      | 230V 50-60 Hz         | 24V D.C.          |
| Rated power             | 330W                  | 300W              |
| Absorption              | 2,8 A                 | 15 A              |
| Reduction ratio         | 1/202                 | 1/202             |
| Traction force          | 250 Nm                | 600 Nm            |
| Opening time            | 8 s                   | 4,8 s             |
| Operating intermittence | 30%                   | intensive service |
| Operating temperature   | -20°C min. +70°C max. |                   |

**BARRIER WITH 24V GEARMOTOR**

|            |  |
|------------|--|
| 001 G2080  | Automatic barrier in zinc-plated and coated steel with 24V D.C. gearmotor and casing complete with transformer and control board     |
| 001 G2080I | Automatic barrier in brushed AISI 304 stainless steel with 24V D.C. gearmotor and casing complete with transformer and control board |

**CONTROL BOARD FOR BARRIERS WITH 24V MOTOR**

|          |  |
|----------|--|
| 003 ZL38 | Basic control board for barrier with 24V gearmotor |
|----------|--|

**BARRIER WITH 230V GEARMOTOR**

|            |   |
|------------|---|
| 001 G2081  | Automatic barrier in zinc-plated and coated steel with 230V A.C. gearmotor and container for command card     |
| 001 G2081I | Automatic barrier in brushed AISI 304 stainless steel with 230V A.C. gearmotor and container for command card |

**CONTROL BOARD FOR BARRIERS WITH 230V MOTOR**

|         |   |
|---------|---|
| 003 ZG5 | Control board "Plus"                        |
| 003 ZG6 | Control board "Basic"                       |
| 002 RSE | Function management control board (for ZG5) |

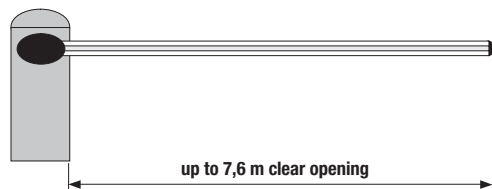
**\*BALANCING SPRING FOR BARRIERS**

|            |                          |
|------------|--------------------------|
| 001 G02040 | ∅ 40 mm balancing spring |
| 001 G04060 | ∅ 50 mm balancing spring |
| 001 G06080 | ∅ 55 mm balancing spring |

**FINISHING ACCESSORIES**

|            |   |
|------------|---|
| 001 G02801 | Dome shaped flasher   |
| 001 G02802 | Frame for applying the DIR photoelectric cell on the cabinet                  |
| 001 G02805 | Frame for emergency batteries   |
| 002 LB35   | Emergency battery card for 12V-6Ah batteries (for G2080 / G2080I barriers)    |
| 001 G02000 | Tubular bar in white coated aluminum ∅ 100, L. 2 m                            |
| 001 G04000 | Tubular bar in white coated aluminum ∅ 100, L. 4 m                            |
| 001 G06801 | Joint for bars longer than 3,6 m  |
| 001 G06802 | Insert for bar junction on barriers with upper passage light greater than 5 m |
| 001 G02803 | Lighted cord for bars   |
| 001 G02804 | Connection cable lighted cord   |
| 001 G02806 | Rack in coated aluminum in 2 m long sections                                  |
| 001 G02807 | Fixed support for bar   |
| 001 G02808 | Moveable support for bar  |
| 001 G02809 | Package 20 red strips   |

**\*SELECTION PARAMETERS OF THE SPRINGS FOR A CORRECT BALANCE OF THE BARRIER**



- G02040 ∅ 40 mm spring
- G04060 ∅ 50 mm spring
- G06080 ∅ 55 mm spring

The term "bar" stands for a complete bar of the longitudinal slot guard and end cap. The bar joint is necessary beyond a net span of 3.6 m.

| APPLIED ACCESSORIES       |          | CLEAR OPENING m |     |   |     |   |     |   |     |   |     |   |     |  |
|---------------------------|----------|-----------------|-----|---|-----|---|-----|---|-----|---|-----|---|-----|--|
|                           |          | 2               | 2,5 | 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6 | 6,5 | 7 | 7,6 |  |
| BAR                       | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
| + MOVABLE SUPPORT         | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
| + LAMPS                   | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
| + LAMPS + MOVABLE SUPPORT | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
| + BARRIER SKIRT           | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
| + BARRIER SKIRT + LAMPS   | Spring 1 |                 |     |   |     |   |     |   |     |   |     |   |     |  |
|                           | Spring 2 |                 |     |   |     |   |     |   |     |   |     |   |     |  |