

# RISE®



Smart  
Moving



---

# CAESAR

---

AUTOMATIC ELECTROMECHANICAL BOLLARD 24 VDC

---



Made in Italy



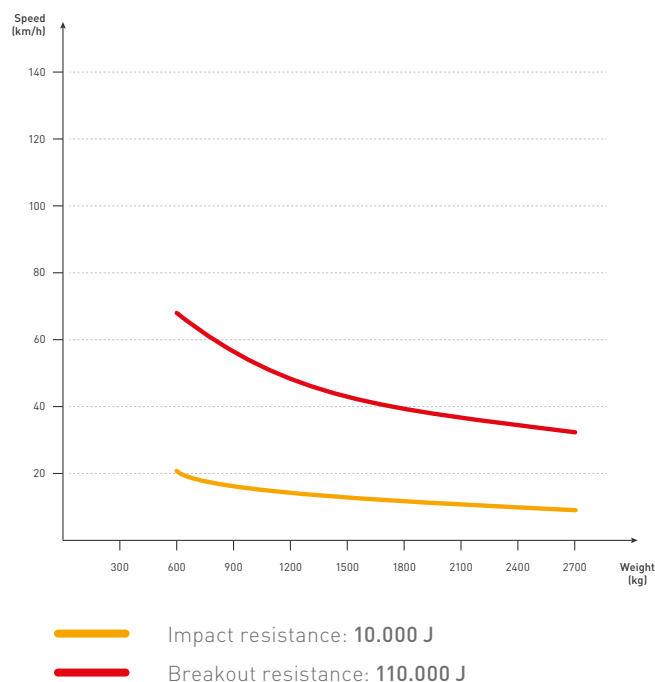
# CAESAR

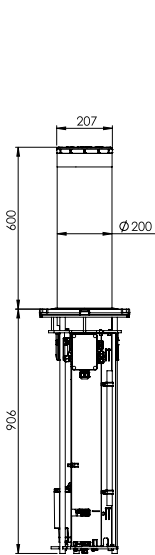
Ø 200 mm | H 600-800 mm | Thickness 5 mm



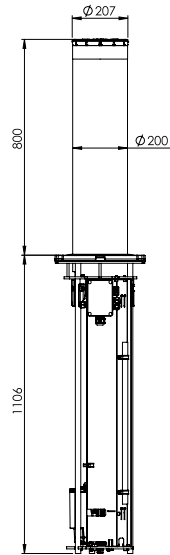
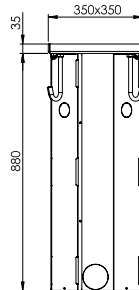
- Automatic electromechanical bollard 24 Vdc, height of 600 or 800 mm, with a cylinder thickness of 5 mm
- Cataphoresis treatment and “Graphite Black” quartz painting or a brushed stainless steel AISI316 tube
- Integrated LED lights on the cylinder and a control panel capable of managing two bollards simultaneously
- Foundation box compliant with EN124 standard (25T) for the passage of light vehicles
- CAESAR PLUS version equipped with patented custom key manual release for raising and lowering the bollard in the absence of power
- Locking mechanism in the raised position in case of power failure
- Accessories available: heater, buzzer, and battery kit
- Integrated obstacle detection system
- Adjustable speeds for raising, lowering, and slowing
- CAESAR VIG version, backward-compatible with foundation boxes of the VIGILANT 500 model

## CAESAR

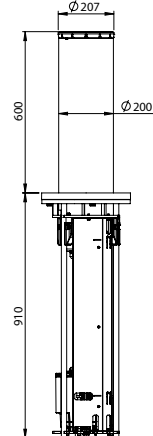
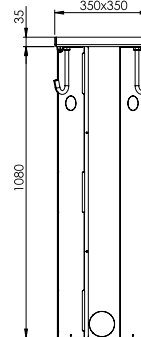




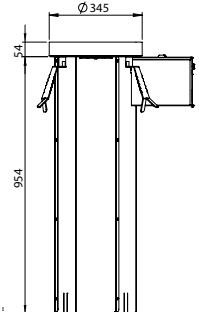
**CAESAR  
200/600**



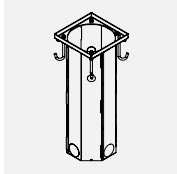
**CAESAR  
200/800**



**CAESAR  
200/600 VIG**



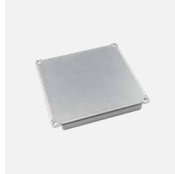
## ACCESSORIES:



**CA200/600 E**  
Foundation box for  
CAESAR 200 /600.

**CA200/800 E**  
Foundation box for  
CAESAR 200 /800.

\* can be shipped  
separately



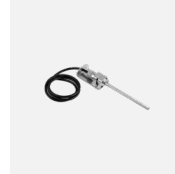
**EL.TOP200**  
Cover for  
foundation box  
CA200/600 E  
or CA200/800 E.



**GL.BUZZ**  
Buzzer.  
Requires CP.BL  
accessory.



**GL.CABLE10**  
Cable FG160R  
10G1.5 mmq.



**GL.HEAT**  
Heater for  
bollard, active  
below 5°C.



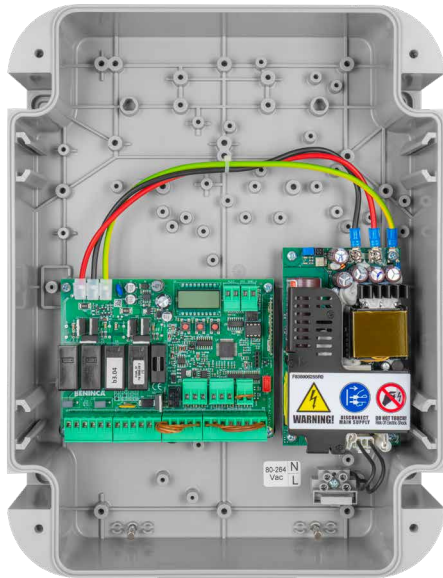
**P010**  
Drainage pump.

| TECHNICAL DATA                          | 200/600                                                                         | 200/800   | 200/600 I                | 200/800 I | 200/600 PLUS   | 200/800 PLUS | 200/600 I PLUS           | 200/800 I PLUS | 200/600 VIG            | 200/600 I VIG            |
|-----------------------------------------|---------------------------------------------------------------------------------|-----------|--------------------------|-----------|----------------|--------------|--------------------------|----------------|------------------------|--------------------------|
| Code                                    | 934306691                                                                       | 934306693 | 934306692                | 934306694 | 934303143      | 934303144    | 934304122                | 934304123      | 934304145              | 934304153                |
| Cylinder height                         | 600 mm                                                                          | 800 mm    | 600 mm                   | 800 mm    | 600 mm         | 800 mm       | 600 mm                   | 800 mm         | 600 mm                 |                          |
| Cylinder diameter                       | 200 mm                                                                          |           |                          |           |                |              |                          |                |                        |                          |
| Cylinder thickness                      | 5 mm                                                                            |           |                          |           |                |              |                          |                |                        |                          |
| Cylinder material                       | Steel S235JR                                                                    |           | AISI 316 stainless steel |           | Steel S235JR   |              | AISI 316 stainless steel |                | Steel S235JR           | AISI 316 stainless steel |
| Raising time with deceleration          | 6 s                                                                             | 8 s       | 6 s                      | 8 s       | 6 s            | 8 s          | 6 s                      | 8 s            | 6 s                    |                          |
| Lowering time with deceleration         | 5 s                                                                             | 7 s       | 5 s                      | 7 s       | 5 s            | 7 s          | 5 s                      | 7 s            | 5 s                    |                          |
| Power supply                            | 230 Vac - 50/60 Hz (control panel with different voltages available on request) |           |                          |           |                |              |                          |                |                        |                          |
| Power consumption                       | 220 W                                                                           |           |                          |           |                |              |                          |                |                        |                          |
| Electromechanical actuator              | 24 Vdc                                                                          |           |                          |           |                |              |                          |                |                        |                          |
| Load index (EN124)                      | C250 (25 tonnes)                                                                |           |                          |           |                |              |                          |                |                        |                          |
| Lowering cycle in case of power failure | Optional (battery kit)                                                          |           |                          |           | Manual release |              |                          |                | Optional (battery kit) |                          |
| Obstacle detection during raising       | Integrated                                                                      |           |                          |           |                |              |                          |                |                        |                          |
| Daily cycles                            | 500                                                                             |           |                          |           |                |              |                          |                |                        |                          |
| MCBF                                    | 1,000,000                                                                       |           |                          |           |                |              |                          |                |                        |                          |
| Impact resistance                       | 10,000 J                                                                        |           |                          |           |                |              |                          |                |                        |                          |
| Breakout resistance                     | 110,000 J                                                                       |           |                          |           |                |              |                          |                |                        |                          |
| Operating temperature                   | -40°C ÷ +60°C [GL. HEAT required for temperatures below -10°C]                  |           |                          |           |                |              |                          |                |                        |                          |
| Protection level                        | IP67                                                                            |           |                          |           |                |              |                          |                |                        |                          |
| Actuator protection level               | IP68                                                                            |           |                          |           |                |              |                          |                |                        |                          |
| Weight (without foundation box)         | 56 kg                                                                           | 65 kg     | 56 kg                    | 65 kg     | 56 kg          | 65 kg        | 56 kg                    | 65 kg          | 56 kg                  | 65 kg                    |

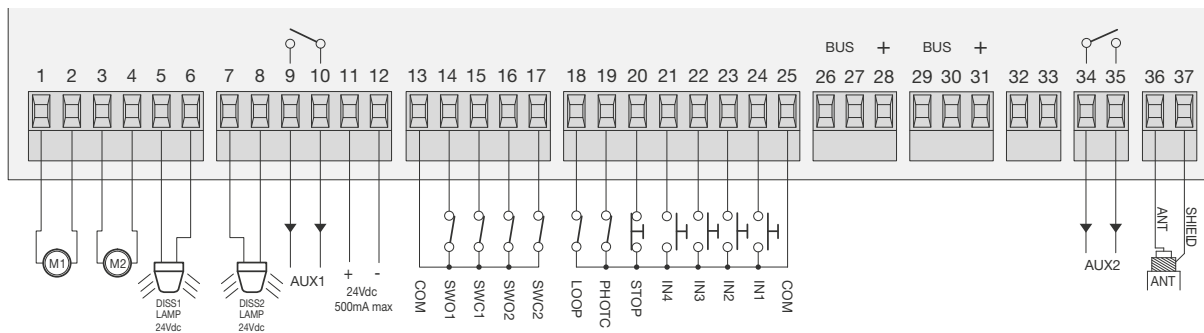


# ROMA.CP

Control panel for 2 electromechanical bollards



- Control panel for 2 electromechanical bollards 24 Vdc
- Integrated radio receiver 433.92 MHz, 64 codes, 3 encoding systems
- Bus system for synchronising multiple control units
- Removable terminal blocks
- Parameter and logic regulations via integrated LCD display
- Automatic, semi-automatic, and manual modes
- Adjustable raising/lowering speed of the bollard
- Integrated obstacle detection
- Dedicated input for alarm function in case of NC entry engaged
- Programming access password
- Equipped with step-by-step PP command inputs configurable and separate for each bollard, and centralized control inputs ALL UP and ALL DOWN
- Integrated LED management
- Separate limit switch inputs for each motor
- Inputs for loop control and safety devices
- 2 auxiliary outputs configurable in different ways
- Integrated traffic light management
- Protection rating IP54
- Number of cycles for scheduled maintenance



## DOMUS

Enclosure designed for urban areas, suitable for housing control units and command devices for bollards.



## CP.BL

24 Vdc traffic-light control unit, buzzer, and LED lights.



## LED.TL

2 light 230 Vac LED traffic light.



## TL2

2 light 24 Vdc LED traffic light.



## SIR2

Dual-tone sirens detector.



## DA.BT6

7 Ah 12 Vdc Battery.



## VE.KM1HN

Single-channel 24 Vac/dc detector for magnetic loop.



## CABLE.L6

Loop with 6 m connection cable, for VE.KM1HN.



## PROG

Time programmer.



## ROMA.CB

Battery charger for ROMA.CP.

