

# The electronics and technology of Gard 3

## THE NEW CONTROL PANEL ENHANCES PERFORMANCE.

Besides the new command and safety functions, Gard 3's new ZL30 control panel features numerous peculiarities that result in total control of the operator and make for optimal service.

- **The barrier arm completely opens** in just 0.9 seconds.
- **Powered by 24 V DC** to be applied in intensive use conditions.
- **ENCODER-based** electronic management for obstacle detection and movement control.
- **Display** for viewing functions control.
- **Self diagnosis of safety** devices.
- **Set up to house** both photocells and flashing light in the barrier body, for safe operation and duration over time.
- **Can be connected up to** a back-up generator to ensure operation even during power failures.

## AUTHENTIC ITALIAN QUALITY.

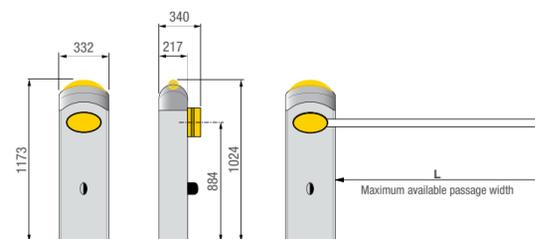
The 100% original Made in Italy Trademark testifies that Gard 3, like all other Came products, is the result of a quality productive process, designed to yield technologically reliable and efficient products, which are tested to withstand 10/15 years of wear and tear under intensive duty conditions, as well as to withstand extreme temperatures, thereby including specific performance testing with electro-magnetic interference (inductive and conductive) conditions. That is why, if properly installed, Gard 3 will last longer and without problems, even in extreme climates. It means prestige and confidence for those installing it, and safety and peace-of-mind to those using it.



# our range Gard 3

Barriers with 24 V DC operator and built-in control panel		
001G3000DX	RIGHT-HAND barrier made of galvanised and varnished steel fitted to take additional accessories.	
001G3000SX	LEFT-HAND barrier made of galvanised and varnished steel fitted to take additional accessories.	
001G3000IDX	RIGHT-HAND barrier made of AISI 304 steel WITH satin finishing fitted to take additional accessories.	
001G3000ISX	LEFT-HAND barrier made of AISI 304 steel WITH satin finishing fitted to take additional accessories.	
OBLIGATORY accessories		
001G03001	White varnished semi-elliptical aluminium arm L = 3 m, complete with anti-impact profile, internal reinforcement, luminous cord, cord connection cable and red reflective adhesive strips.	
001G03002	Ø 60 mm white varnished aluminium tube arm L = 3 m, complete with red-reflective adhesive bands.	
OBLIGATORY accessories for 001G03001		
001G04060	Balancing spring ø 50 mm.	
001G03003	Semi-elliptical arm attachment flange complete with flange cover and barrier arm end-cap.	
OBLIGATORY accessories for 001G03002		
001G04060	Balancing spring ø 40 mm.	
001G03004	ø 60 mm tube arm attachment flange complete with flange cover and barrier arm end-caps.	
001G03002 accessories (excludes the use of item 001G02807)		
001G03000	Detachable barrier-arm support coupling.	
Accessories		
001G02801	Flashing dome light.	
001G02802	Support for applying Dir series photocells.	
001G02807	Fixed rest for barrier arm.	

### Dimensions (mm)



### Detail of item 001G03000



### Limits to use

MODEL	001G3000DX - 001G3000SX - 001G3000IDX - 001G3000ISX
Maximum available passage width	2.75

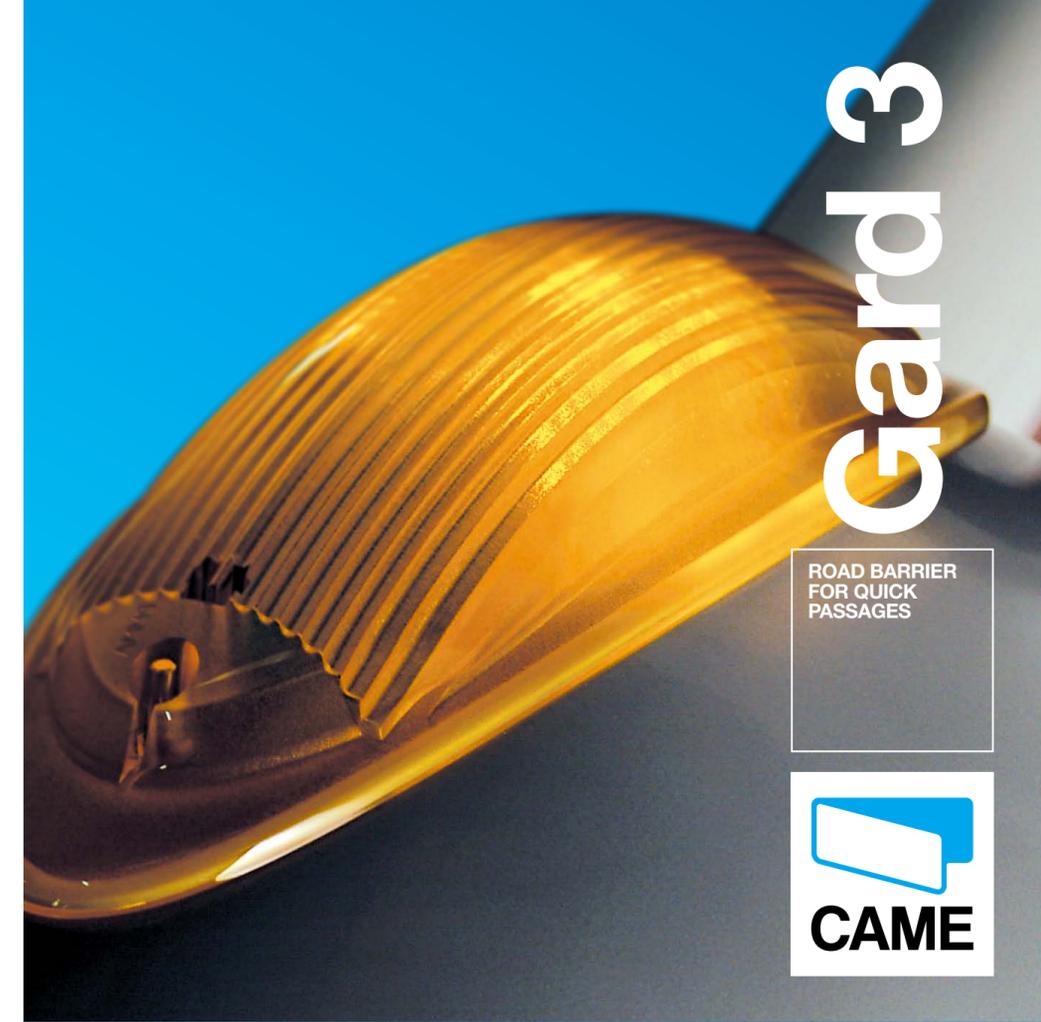
● 24 V DC

NOTE  
001G03000 break-away arm attachment.  
Can be used only with th 001G03002 type barrier-arm.

### Technical features

Type	001G3000DX - 001G3000SX - 001G3000IDX - 001G3000ISX
IP protection rating	IP54
Power supply (50 V - 60/60 Hz)	230 AC
Motor power supply (50 V - 60/60 Hz)	24 DC
Current draw (A)	15 MAX
Power rating (W)	300
Opening time 90°(s)	0.9
Duty cycle (%)	INTENSIVE USE
Torque (Nm)	200
Operating temperature (°C)	-20 ÷ +55
Motor thermo protection (°C)	-

● 24 V DC



# Gard 3

ROAD BARRIER FOR QUICK PASSAGES



Find out about CAME's LATEST products from your licensed dealer or on [came.com](http://came.com)

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# Gard 3

It lets you through much more quickly.

Came launches the new Gard 3 series which is especially suited for managing quick passages in public parking facilities, hospitals, motor ways, and where maximum performance is required in terms of opening speed and intensive use.



## The reasons for choosing Gard 3

**UTMOST PERFORMANCE  
IN JUST 0.9 SECONDS.**

Engineered to control passage openings up to 2.75 m wide, the new Gard 3 barriers are designed for intensive traffic flows thanks to a series of features that make them especially sturdy and reliable. The reinforced steel structure with anti-oxidation treatment and electrostatic powder varnishing, provides long lasting and resistance over time of its aesthetics, while the dedicated control panel and the evolved balancing system are for managing the required continuous operations and passive inertia phenomena that are typical of quick movements. The rounded shapes and soft corners confer a modern-design look to the Gard 3 barrier, making it easy to integrate it in any architectural context. The oval or round-shaped barrier arm reduces the sail effect, typically found in windy conditions.

### STRENGTHS:

- **Modern easily integrated design**
- **Set up for mounting** accessories directly onto the barrier
- **LED, high-visibility dome flashing light**, integrated into the barrier
- **Reinforced steel cabinet treated with anti-oxidation** characteristics and varnishing or, made of AISI 304 steel
- **Dedicated control panel** with encoder-based technology for complete control of the movement and highly sensitive obstacle detection
- **Differential spring-loaded balancing** system for opening and closing
- **Speedy opening and closing** movements with independent adjustments



**24 VOLT OPERATOR,  
FOR TOP PERFORMANCE.**

The 24 V DC operator is the ideal solution to ensure intensive use as typically found when applied to parking lot systems and large traffic flow systems. Also, the low voltage system allows you to connect up to a back up or auxiliary generator unit in the event of power failures.

**TOTAL SAFETY  
EVEN IN CASE OF IMPACTS.**

AMONG THE SOLUTIONS THERE IS ALSO THE SPECIAL BREAK-AWAY BARRIER ARM ATTACHMENT ITEM 001G03000, FOR RELEASING AND ROTATING THE BARRIER-ARM IN CASE OF IMPACT.



1 The special attachment turns horizontally in case of impact.



2 The barrier arm turns then vertically and rests on the ground.



3 This is to counter any spring-return effects due to the arm's elasticity.