

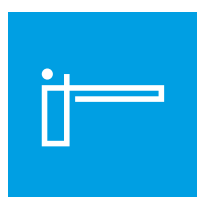
GARD PX

**Brushless efficiency.
MCBF of 10,000,000 cycles.**





GARD PX is the perfect automatic barrier for managing high-transit gateways, with opening times of 1s and an **MCBF of 10,000,000 cycles**.



GARD PX CHARACTERISTICS

- **TESTED TO GUARANTEE 10,000,000 CYCLES UNDER CONTINUOUS USE**
is the ideal solution for settings with intense traffic flows and for installation in conjunction with parking systems.
- **HIGH SPEED PERFORMANCE**
for quick opening and closing, with precise starts and stops.
- **RED/GREEN LED LIGHTING**
on the boom and barrier body, with traffic light function.
- **3- AND 4-METER BOOMS**
pre-configured for LED strip and with shockproof passive edge.
- **JOINTED BOOM**
Available for installation in areas with height restrictions.



BRUSHLESS TECHNOLOGY



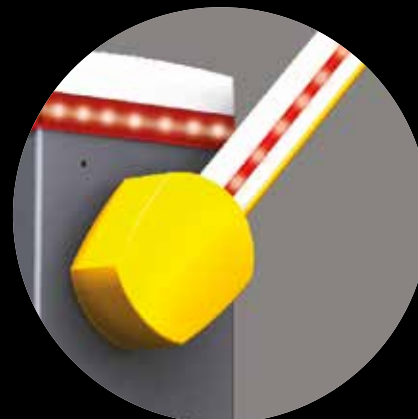
The GARD line uses a DC brushless motor for maximum efficiency and precise movements. This means:

- Low maintenance costs
- Torque control at various speeds
- Silent operation
- Small size
- Improved heat dissipation



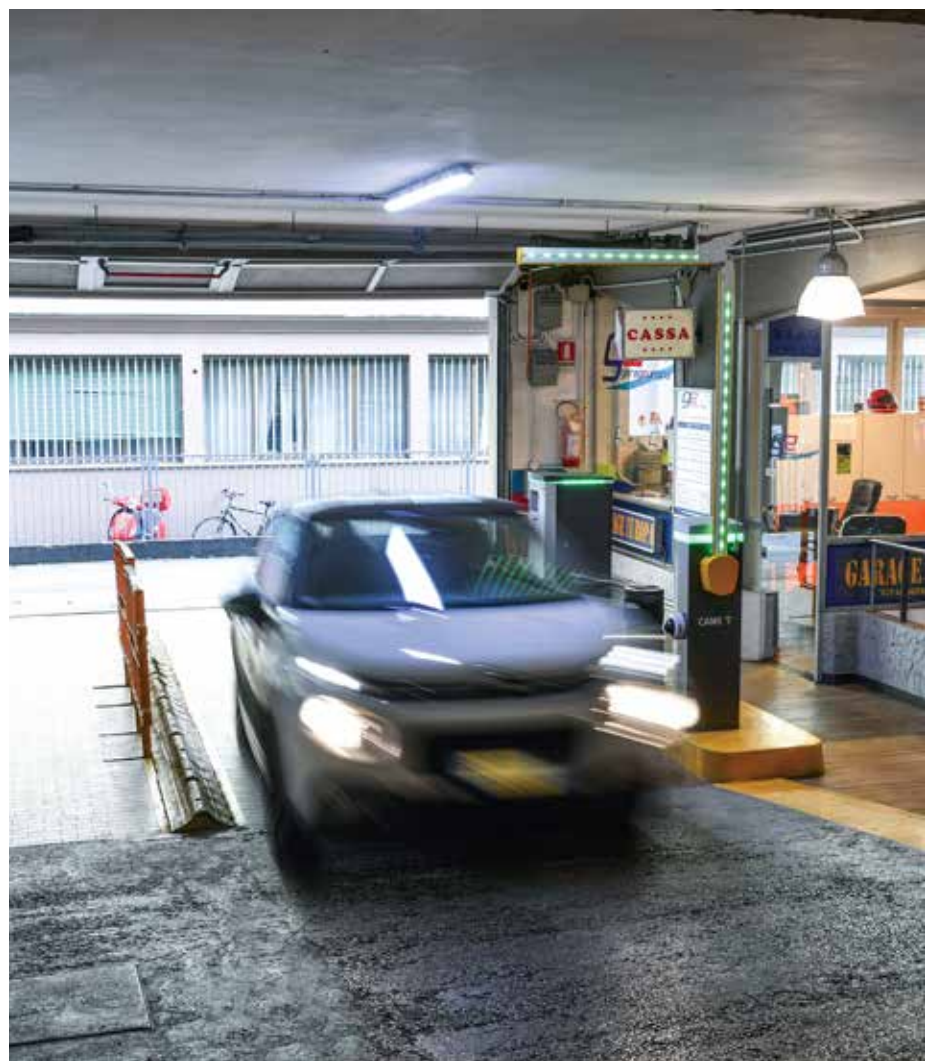
ADDITIONAL FEATURES

- **BOOM RELEASE SYSTEM** A steel device allows the boom to disengage in case of impact and rest in a safe position, eliminating repair costs and downtimes.
- **MODERN DESIGN.** High-quality materials and a wide range of accessories available.
- **3 SAFETY INPUTS** Can also be set as resistive, directly on the control board, for easy and quick installation.
- **MANUAL RELEASE** Simple, key-lock system.
- **SOFT START/STOP** With excellent obstruction detection system.
- **ZLB30 CONTROL BOARD** with innovative dedicated functions.
- **803XA-0180 swivel** for the 90 x 35 mm boom.



JOINTED BOOM

For areas with height restrictions and limited space, the most suitable solution is the 803XA-0180 articulated boom kit.



MCBF 10,000,000

CONTINUOUS SERVICE

- **OPENING TIME.**
1 second for opening and closing, reduced waiting times and fast, smooth transit.
- **SWITCHING POWER SUPPLY.
(100 AC ÷ 240 AC)**
Ensures maximum efficiency and flexible installation.
- **GRAPHIC DISPLAY.**
The control panel, protected by an ABS cover, is provided with a graphic display and 4 control buttons for intuitive configuration.

MCBF - Mean Cycle Between Failures



THE CONTROL BOARD

ACCESSORY INTEGRATION

The board has one RS/TCP port. with Modbus protocol for integration with third-party systems such as access control or automatic parking.

GRAPHIC DISPLAY

GARD PX features a graphic display with full-text menu that guides the installer via a simple procedure, available in 8 languages:

BOOM POSITION MONITORING

The control board firmware autonomously handles the speed and position of the boom. Using the free contacts on the board the boom position can be transmitted in real-time to access control or parking systems



SAFETY CONTROLS

The ZLB30 board has 3 safety inputs configurable either as N.C. or resistive contacts (8k2)

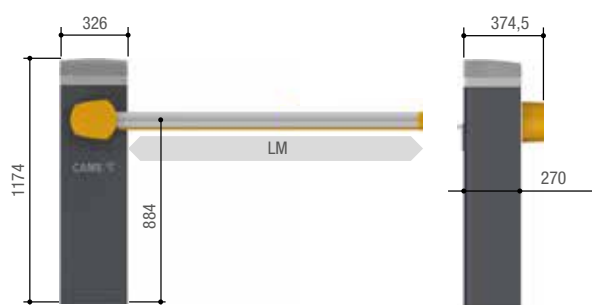
USB PORT

The ZLB30 board is fitted with a USB port to easily update the system and upload the settings





COMPLETE RANGE



LM = Max. net clearance width

OPERATIONAL LIMITS

MODELS	803BB-0120
Max. net clearance width (m)	3.8

TECHNICAL FEATURES

MODELS	803BB-0120
Protection rating (IP)	54
Power supply (V - 50/60Hz)	100 ÷ 240 AC
Motor power supply (V)	36 DC
Power (W)	270
Opening time at 90° (s)	1 ÷ 2
Cycles/hour	CONTINUOUS SERVICE
Operating temperature (°C)	-20÷ +55(-40 with the 803XA-0260 heating system)

● 36 V DC

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