

GARD LS4

Automatic barriers



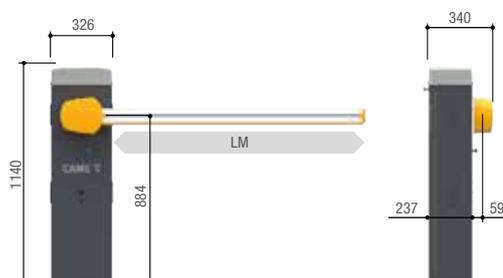
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 3.8 m	1,5 MILLION CYCLES	300 CYCLES/HOUR	2 ÷ 6 SEC



Ideal solution for heavy-duty service on driveway

- 24 V DC operator with Advanced Speed Control.
- Tested for intensive use of 300 cycles/hour with MCBF 1,5 million cycles.
- Cabinet available in galvanized steel and painted RAL7024, AISI 304 steel, or in customized color.
- Control board with display designed to connect to the Cloud via CAME Connect.
- Accessories that can be integrated directly into the cabinet.
- Set up for high visibility red/green LEDs on both sides of the boom.
- It can be integrated with third party systems through MODBUS protocol.

Dimensions (mm)



LM = Max. net clearance width

Operational limits

MODELS	803BB-0410	803BB-0430	803BB-0440
Max. net clearance width (m)	3,8	3,8	3,8

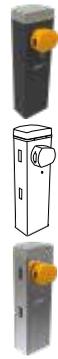
Technical characteristics

MODELS	803BB-0410	803BB-0430	803BB-0440
Protection rating (IP)	54	54	54
Power supply (V - 50/60 Hz)	220-230 AC	220-230 AC	220-230 AC
Power supply to motor (V)	24 DC	24 DC	24 DC
Power (W)	190	190	190
Opening time at 90° (s)	2 ÷ 6	2 ÷ 6	2 ÷ 6
Cycles/Hour	300	300	300
Operating temperature (°C)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)	-20 ÷ +55 (-40 with item 803XA-0630)
RAL color	7024	RAL X	-

● 24 V DC

Code	Description
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230 V AC barriers with encoder and 24 V DC operator and built-in control panel	
803BB-0410     	GLS40AGS - Automatic barrier with irreversible gearmotor 24 V DC with encoder; painted galvanised steel cabinet; accessories available. Balance spring included.
803BB-0430     	GLS40ACS - Automatic barrier with irreversible gearmotor 24 V DC with encoder; custom-RAL painted galvanised steel cabinet; accessories available. CBalance spring included.
803BB-0440     	GLS40AX4 - Automatic barrier with irreversible gearmotor 24 V DC with encoder; satin-finish AISI 304 steel cabinet; accessories available. Balance spring included.



THE COMPLETE RANGE

Code Description

Accessories for barriers

803XA-0050	White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4050 mm.
803XA-0051	White painted aluminum boom, 90 x 35 mm, with groove cover strip and shock-proof rubber profile. Length: 3050 mm.
001 G0402	Tube section barrier made of white, painted aluminum. Ø 60 mm, boom length: 4.2 m.
002 RSE	Interface card for controlling two operators or for enabling the CAME Remote Protocol.
001 R700	Control board for decoding and access-control management via transponder selector.
001 R800	Control board for decoding and access-control management via keypad selectors.
803XA-0300	Auxiliary contacts unit for detecting the boom position
001 G02802	Support for fitting DIR-series photocells.
803XC-0020	Modbus TCP/RTU bridge for integration with third party systems.
803XA-0630	Cartridge heater with thermostat.



NOTES:
001G02802 It cannot be used with a boom equipped with a skirt or swing rest

Code	Description
Accessories for: 803XA-0050 - 803XA-0051	
803XA-0560	HD (Heavy Duty) joint for 90 x 35 mm boom.
803XA-0570	Detachable boom attachment 90 x 35 mm. After impact, the end of the detached boom rests onto the ground.
803XA-0020	Red/green LED strips for booms up to 4-m long.
803XA-0150	Red/green LED strip for booms up to 3 m long.
803XA-0160	Red/green LED strip for jointed HD (Heavy Duty) boom up to 2 m long.
803XA-0190	LED strips connection kit for HD jointed booms (Heavy Duty).
001 G02807	Fixed rest.
803XA-0330	Swing rest.
803XA-0440	Swing rest - skirt support bracket.
803XA-0340	Painted aluminum skirt. 1720 mm module complete with junction brackets.
001 G02809	Package of 20 red, reflective, adhesive strips.



ATTENTION

803XA-0340 - Standard skirt:
Max. 2 modules for 4-meter boom.

NOTES:
When the passage width clearance is greater than 3 m, it is compulsory to use a boom rest to support it (fixed or movable).
803XA-0560 and 803XA-0570 cannot be installed together.

THE COMPLETE RANGE

Code Description

Accessories for: 001G0402

803XA-0590 Attachment for tubular boom 60 mm.



001**G0461** Package of 24 red, reflective, adhesive strips.



24 V DC accessories for barriers

803XA-0290 Control card kit for operating during power outages and for recharging batteries, with battery housing.



806XG-0030 Opening and safety detector with laser technology.



009**SMA** Single.-channel magnetic sensor for detecting metal masses.



009**SMA2** Two-channel magnetic sensor for detecting metal masses.



Accessories for: 806XG-0030

818XG-0019 Remote control for opening and safety detector.



806XG-0050 Steel support for opening detector and barrier safety.



806XG-0040 24 V DC power supply for opening and safety detector.





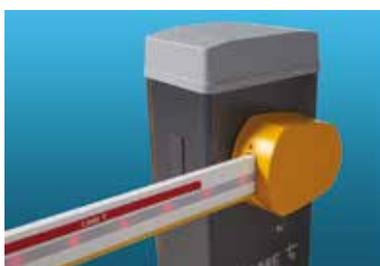
SINGLE SPRING BALANCING

CAME's R&D department has developed a practical variable balancing system, which allows using a single spring that can be connected to the balancing lever at different predefined points. It is therefore no longer necessary to have specific springs for the different boom lengths, but it is sufficient to operate on the hooking system.



SIMPLE CONFIGURATION

The control board is positioned directly under the cabinet cover. All the configuration and maintenance phases can therefore be carried out comfortably standing upright, with the cabinet closed, in complete safety.



RG LED

The LED strip system can be installed on both sides of the boom and regulates access through the traffic light function.