

GARD PX

AUTOMATIC BARRIERS



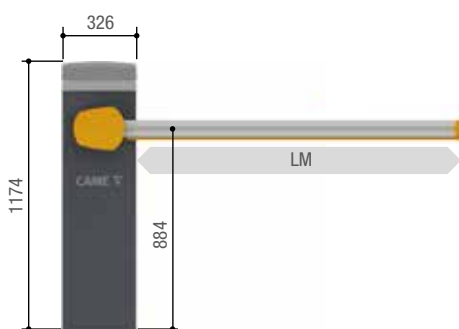
PASSAGE WIDTH CLEARANCE	MCBF	USE	SPEED
UP TO 3.8 m	10 MILLION CYCLES	CONTINUOUS DUTY	FROM 1 TO 2 SEC



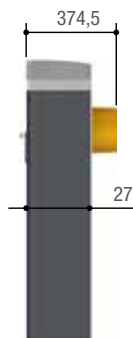
Specific solution with brushless technology for parking facilities and intensive duty cycles

- Brushless motor for high performance and silent operation.
- Continuous use tested for 10 million cycles (MCBF - mean cycle between failures).
- Modern design with galvanized steel cabinet with rough finish.
- Extended range power supply 120 - 230 V AC for energy saving in stand-by mode.
- Boom casing for protection against shearing in opening and closing.
- Available with high visibility red/green LEDs on the crown and on both sides of the boom.
- Available accessory for boom safety release in case of impact for high traffic applications.
- Control board with display.
- Developed with CONNECT technology for remote digital control via gateway or locally via CAME KEY.

Dimensions (mm)



LM = Max. net clearance width



803XA-0180

Operational limits

MODELS	803BB-0100	803BB-0120
Max. net clearance width (m)	3,8	3,8

Technical characteristics

MODELS	803BB-0120
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	100 AC ÷ 240 AC
Power supply to motor (V)	36 DC
Power (W)	270
Opening time at 90° (s)	1 ÷ 2
Duty/cycle (%)	CONTINUOUS DUTY
Operating temperature (°C)	-20 ÷ +55 (-40 with item 803XA-0260)
RAL color	7043

● 36 V DC

Code Description

Barriers with Brushless motor and built-in control panel

803BB-0120



GPX40MGS - Automatic barrier with irreversible brushless operator; painted galvanized steel cabinet.



Accessories for: 803BB-0120

803XA-0050

White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 4.05 m.



803XA-0051

White painted aluminum boom, 90 x 35 mm, with groove cover-strip and shock-proof rubber profile. Length: 3.05 m.



002RSE

Interface card for controlling two operators or for enabling the Came Remote Protocol.



001R700

Control board for decoding and access-control management via transponder selector.



001R800

Control board for decoding and access-control management via keypad selectors.



803XA-0140

Luminous red/green LED crown.



803XA-0200

Auxiliary contacts assembly.



803XA-0260

Heating system for GARD PX.



803XC-0020

Modbus TCP/RTU bridge for integration with third party systems.



Balancing springs

001G02040

Balancing spring Ø 40 mm.



001G04060

Balancing spring Ø 50 mm.

001G06080

Balancing spring Ø 55 mm.

THE COMPLETE RANGE

Code Description

Accessories for: 803XA-0050 - 803XA-0051

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 boom up to 2 m long.

803XA-0190 Connection kit between LED strips for boom with joint.

803XA-0180 HD (Heavy Duty) joint for 90 x 35 mm boom.

803XA-0620 Detachable boom attachment 90 x 35 mm. After impact, the pivot coupling releases the rod and the end rests on the ground.

001**G02807** Fixed rest.

001**G02809** Package of 20 red, reflective, adhesive strips.



24 V accessories for: 803BB-0120

806SA-0100 Control card kit for operating during power outages and for recharging batteries, with battery housing.

009**SMA** Single-channel magnetic sensor at 24 V for detecting metal masses.

009**SMA2** Double-channel magnetic sensor at 24 V for detecting metal masses.

806XG-0140 Opening and presence detector with FMCW technology. Three detection areas can be set via App. EN 12453 (Device D).



Accessories for: 806XG-0140

806XG-0150 Support for FMCW opening and presence detector for barriers.



Accessory for local programming

806SA-0110 CAME KEY - Smart interface for local setting of automation via App.





FITTED FOR BALANCING SPRINGS

Point A and B are the springs' fastening points, depending on the clearance width.

The spring attachment points A and B refer to the table above.

IMPORTANT:

In case of installation of the 803XA-0180 joint, consult the technical manual for selecting the spring.

SPRING SELECTION GUIDE FOR 803XA-0050 – 803XA-0051 BOOM

MODELS	● Springs 001G02040 Ø 40 mm ● Springs 001G04060 Ø 50 mm			
	LATERAL CLEARANCE WIDTH (m)			
BOOM COMPOSITION	1,5 ÷ 1,75	1,75 ÷ 2,25	2,25 ÷ 2,75	2,75 ÷ 3,75
SPRING FASTENING HOLE	A	B	A	B
Boom with shock-resistant fender	●	●	●	●
Boom with shock-proof profile and LED strip	●	●	●	●

ATTENTION

* For maximum clearances greater than 3 m, you must use the G02807 fixed rest.



LUMINOUS BOOM, MAXIMUM SAFETY

The new GARD PX Brushless barriers let you install, as an accessory, the special luminous crown that uses red and green light to signal the boom's position.