GARD PX Brushless

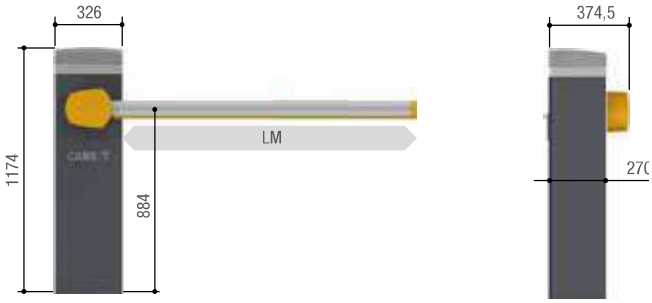
Net clearance up to 3,8 m



Specific solution 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-0350
Max. net clearance width (m)	3,8

Technical characteristics

MODELS	803BB-0350
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 SERVICE
Operating temperature (°C)	-20 ÷ +55 (-40 with item 001PSRT)

● 36 V DC

Code	Description	
Barriers with Brushless motor and built-in control panel		
803BB-0350	GPX40MGC - Automatic barrier with irreversible gearmotor and brushless motor; painted galvanized steel cabinet. Version dedicated to areas with high ambient temperatures.	
Accessories for: 803BB-0350		
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.	
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-0140	Luminous red/green LED crown.	
803XA-0200	Auxiliary contacts assembly.	
803XA-0260	Heating system for GARD PX.	
Balancing springs		
001**G02040**	Balancing spring Ø 40 mm.	
001**G04060**	Balancing spring Ø 50 mm.	
001**G06080**	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 HD (Heavy Duty) boom up to 2 m long.	
803XA-0190	LED strip connection kit for HD jointed booms up to 2 m (Heavy Duty).	
803XA-0180	HD (Heavy Duty) joint for 90 x 35 mm boom.	
803XA-0170	Detachable boom attachment. In case of impact, the boom falls to the ground due to the breaking of the dedicated fixing screws.	
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 for detecting metal masses.	
009**SMA2**	Two-channel magnetic sensor for detecting metal masses.	

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.



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.



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.