

Gard 4

Passage clearance up to 3.75 m

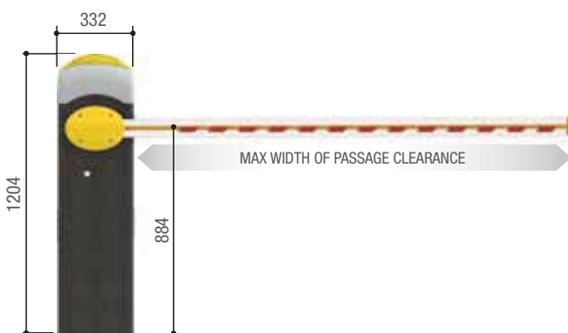


The ideal solution for intensive vehicular traffic conditions



- A modern style barrier, aesthetically perfect for any setting.
- The LED dome-shaped flashing light and the photocells can be integrated into the cabinet to ensure safety as well as durability.
- The protective carter safeguards the barrier movement against any shearing action when opening and closing.
- The 24 V DC choice is ideal for the intensive duty cycle.
- Combined and compass opening functions, with the RSE card (only for: G4040E and G4040IE models).

Dimensions (mm)



NOTE
Application of the 001ZERO-E01 solar panel.

Limits to use

MODELS	G4040Z • G4040IZ • G4040E • G4040IE
Max width of passage clearance (m)	3.75

Technical features

MODELS	G4040Z • G4040IZ • G4040E • G4040IE
Protection rating (IP)	54
Power supply (V - 50/60 Hz)	230 AC
Motor power supply (V)	24 DC
Current draw (A)	15 Max.
Power (W)	300
Opening time at 90° (s)	2 ÷ 6
Duty cycle (%)	INTENSIVE SERVICE
Torque (Nm)	600
Operating temperature (°C)	-20 ÷ +55
Motor thermo-protection (°C)	-

● 24 V DC

Code	Description
Barriers with 24 V DC gearmotor and on-board control panels	
001 G4040Z 	Barrier in galvanised and painted steel. Fitted to take accessories.
001 G4040IZ 	Barrier in AISI 304 satin-finish steel. Fitted to take accessories.
Barriers with 24 V DC gearmotor and on-board control panels	
001 G4040E  	Barrier with encoder in galvanised and painted steel. Fitted to take accessories.
001 G4040IE  	Barrier with encoder in AISI 304 satin-finished steel. Fitted to take accessories.



NOTE:
For applying the ZERO-E panel, see chapter dedicated to accessories.



ENERGY SAVINGS

The control panel for the models with encoder features the SLEEP MODE function to guarantee energy savings.



GARD 4 WITH ENCODER IS COMPATIBLE WITH THE ZERO-E SOLAR PANEL

Zero-E can be integrated by means of direct application to the cabinet using the special bracket. With the Zero-E solar panel the barrier can be installed where there are no connections to electricity line.



THE BOOM WITH THE JOINT

The special accessory for the semi-oval boom is for installing the barrier even when height is an issue when raising or lowering the barrier, as in underground parking lots.



IN AISI 304 STEEL

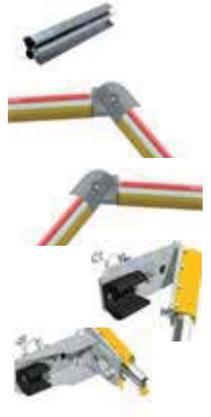
The Gard 4 barrier is also available in the AISI 304 satin-finished steel, for installation in places with particular weather conditions.

THE COMPLETE RANGE

Code	Description
Accessory for: 001G4040Z - 001G4041Z	
002 LB38 	Card for emergency functioning during blackouts and battery recharging. (N. 3 12 V - 7 Ah batteries - not supplied).
Accessory for: 001G4040E - 001G4040IE	
002 LB39 	Card for emergency functioning during blackouts and battery recharging. (N. 3 12 V - 7 Ah batteries - not supplied).
Accessory for: 001G4040E - 001G4040IE	
002 RSE	Card for combined or compass opening functions.
Balancing springs	
001 G02040	Ø 40 mm balancing spring.
001 G04060	Ø 50 mm balancing spring.
001 G06080	Ø 55 mm balancing spring.
Accessories	
001 G02801	Integrated dome-shaped flashing light.
001 G02802	Support for applying the Dir series photocells.
001 G03751	Support for fitting the batteries.
001 G03750	White painted aluminium boom with semi-oval section, complete with profile for covering the slot and rubber profile for impact protection. Boom length: 4 m.
001 G03752	White galvanised aluminium boom with semi-oval section, complete with profile for covering the slot. Boom length: 4 m.
001 G028401	LED luminous cord.
001 G028402	Connection cable for luminous cord.
001 G0465	Rack in painted aluminium (L = 2 m modules).
001 G02807	Fixed support.
001 G02808	Movable support.
001 G02809	Package of 20 red adhesive refracting strips.
Accessory for: 001G03752	
001 G03753	Hooking flange for boom with oval section.



Code	Description
Accessories for: 001G03750	
001G03756	Inner reinforcement for boom with round section for barriers with passage clearance wider than 2.5 m.
001G03755DX	Joint for boom with semi-oval section for right-hand barrier.
001G03755SX	Joint for boom with semi-oval section for left-hand barrier.
001G04003	BASIC detachable boom fitting bracket.
001G04002	PLUS detachable boom fitting bracket.



Applications



G04003 BASIC DETACHABLE BOOM FITTING BRACKET

Upon impact, the end of the detached boom rests on the ground.



G04002 PLUS DETACHABLE BOOM FITTING BRACKET

Upon impact, the detached boom rotates of 90° and the end rests on the ground.

Guide to the choice of the springs for the 001G03752 boom

MODELS	WIDTH OF THE PASSAGE CLEARANCE					
	1.5 ÷ 1.75	1.75 ÷ 2.25	2.25 ÷ 2.75	2.75 ÷ 3.25	3.25 ÷ 3.5	3.5 ÷ 3.75
Boom	●	●	●	●	●	●
Boom with 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 rack	●	●	●	●	●	●
Boom with 001G028401 luminous cord and 001G0465 rack	●	●	●	●	●	●
Boom with 001G02808 movable support	●	●	●	●	●	●
Boom with 001G028401 luminous cord and 001G02808 movable support	●	●	●	●	●	●

Guide to the choice of the springs for the 001G03750 boom

MODELS	WIDTH OF THE PASSAGE CLEARANCE					
	1.5 ÷ 1.75	1.75 ÷ 2.25	2.25 ÷ 2.75	2.75 ÷ 3.25	3.25 ÷ 3.5	3.5 ÷ 3.75
Boom with profile for impact protection	●	●	●	●	●	●
Boom with profile for impact protection and 001G028401 luminous cord	●	●	●	●	●	●
Boom with 001G0465 rack	●	●	●	●	●	●
Boom with 001G028401 luminous cord and 001G0465 rack	●	●	●	●	●	●
Boom with profile for impact protection and 001G02808 movable support	●	●	●	●	●	●
Boom with profile for impact protection, 001G028401 luminous cord and 001G02808 movable support	●	●	●	●	●	●

CAUTION! RESPECT LIMITS TO USE INDICATED

The 001G02802 item cannot be used when the barrier mounts a boom with 001G0465 rack or 001G02808 movable support. 001G02808: for passage clearance up to max 3 m. It is MANDATORY the use of the 001G03756 reinforcement in the following situation:

- ALWAYS (when the boom mounts the 001G028401 luminous cord);
- for passage clearance wider than 2.5 m, when the boom mounts the 001G02808 movable support or the 001G0465 rack;
- for passage clearance wider than 3 m. It is MANDATORY the use of the 001G02807 fixed support for passage clearance wider than 3 m. The 001G0465 and the 001G02808 items cannot be used/mounted together.