CARDIN®
RIELLO ELETTRONICA

GUARANTEE 3 Years GARANZIA

S504 S449 Multi Decoding S486 S508

The present always wears the signs of the past whilst tracing an impression of the future so creating a continuous and long-lasting bond.

BL EGOS-ESOL WORM SCREW AUTOMATION FOR

SWING-TO GATES

BLEGOS / BLESOL

We have revamped the functions and used the finest kinematic components. We have traced movement with light and created a strong, sleek and elegant body. We are so convinced by its robustness and reliability that we have increased our general guarantee to three years specially for this superior product.

Worm screw automation for swing-to gates

The automation is made up of a series of components consisting of an installation management programming unit, 1 or 2 worm screw rams and a special connecting cable. The ram, built around a robust structure in cast aluminium, features an efficient motor that works in complete synergy with a high performance reduction unit that is isolated inside a waterproof compartment and is lubricated using permanently fluid grease. The special, well thought out, three piece carter, the rotating screw supported by double bearings and the special drag screw make it a top of the range ram with a unique performance level. It moves silently and fluently and is controlled (via an encoder integrated into the motor) by the programmer supplied with the product..

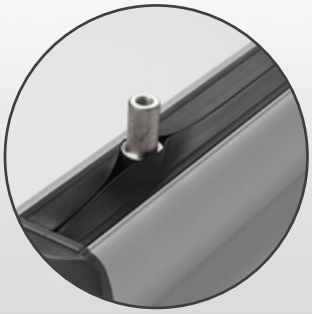
These self-locking horizontal action rams are extremely easy to fit without need for brickwork and they offer excellent service in terms of the number of manoeuvres.

To be used with Cardin electronic programmers CC242ETOPCB and CC242EXTOPCB.

Gate position is encoder controlled and self-programming thus reducing installation times to a minimum and optimising the programming procedure. Repositioning takes place automatically whenever foreign objects get in the way of the gate as it is moving. The electronic control unit is completed by the anti-crush and “soft start” and “soft stop” functions.

In case of blackouts, emergency manoeuvring is guaranteed by a key-operated manual release mechanism that is efficient under all working conditions. It is also possible to fit an external manual release mechanism consisting of a cable and a release lever.

WORM SCREW WITH ANTI-DUST PROTECTION



STRUCTURE IN CAST ALUMINIUM

GATE MOVEMENT INDICATED BY LEDS

MANUAL RELEASE LOCKING -UNLOCKING LEVER

RANGE OF PRODUCTS AVAILABLE IN THE CATALOGUE

200/BLEGOS

ELECTROMECHANICAL RAM WITH A 24 Vdc MOTOR

Controlled by encoder

Self-locking, the geared motor locks the gate leaf in the closed position.

Electronic control unit to be ordered separately CC242ETOPCB / CC242EXTOPB.

Standard version for gates with a maximum length of 2,5 m, maximum weight. 200 kg.

200/BLESOL

ELECTROMECHANICAL RAM WITH A 24 Vdc MOTOR

Controlled by encoder

Self-locking, the geared motor locks the gate leaf in the closed position.

Electronic control unit to be ordered separately CC242ETOPCB / CC242EXTOPB.

Long version for gates with a maximum length of 3,5 m (4 m with an electric locking device), maximum weight 300 kg.

205/BLEGOS

SET OF WORM SCREW AUTOMATION FOR SWING-TO GATES

A complete automatic device for swing-to gates with two gate leaves, the system is made up of two linear and compact rams and a separate programmer with a multi-decoding module **S449-S486-S504-S508**, including a battery charger and NiMH batteries.

Use

These horizontal action rams are extremely easy to fit without need for brickwork and they offer excellent service in terms of the number of manoeuvres. BLEGOS: for gates with a maximum length of 2,5 m, maximum weight. 200 kg.

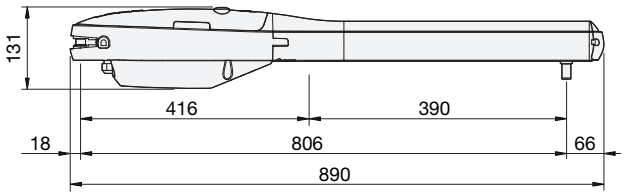
SET 205/BLEGOS

PIECES	ORDER NR.	PRODUCT DESCRIPTION
2	200/BLEGOS	**SELF-LOCKING ELECTROMECHANICAL RAM WITH A 24 Vdc MOTOR** controlled by encoder
1	CC242EXTOPCB	**ELECTRONIC PROGRAMMER** with a 433 MHz "FM" receiver, battery charger and NiMH batteries
2	TXQ449400	**4-CHANNEL TRANSMITTER** 433 MHz "FM" "ROLLING CODE"
1	CABPC10	**10-METRE WIRING CABLE** with end sleeves
1	/17000010	**INTERNATIONAL WARNING SIGN** in five languages

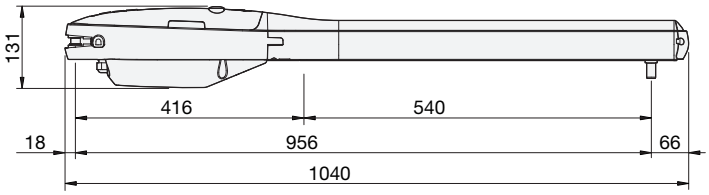
RAM TECHNICAL SPECIFICATIONS		BLEGOS	BLESOL
Mains power supply	Vac	230	230
Motor power supply	Vdc	24	24
Electrical input	A	2	2
Power input	W	60	60
Thrust	N	1500	2000
Travel distance (worm screw)	mm	350	500
Duty cycle	%	70	70
Opening time 90°	s	15	20
Maximum opening angle	°	110	110
Protection grade	IP	44	44

INSTALLATION EXAMPLE

BLEGOS



BLESOL



MICROPROCESSOR CONTROLLED ELECTRONIC PROGRAMMERS FOR 24 Vdc MOTORS

MAINS POWER SUPPLY 230 Vac
MOTOR OUTPUT 24 Vdc
PROTECTION GRADE IP55
FIREPROOFING GRADE V2

INCORPORATED RF DECODER
NiMH BATTERIES
"SOFT START" AND "SOFT STOP" FUNCTIONS
AUTOMATIC MOVEMENT PROGRAMMING

Electronic devices for the control of automatic opening systems with one or two gate leaves. Powered by 24 Vdc they intelligently manage the movement of the gate. Available in the following versions:

- **CC242ETOPCB / CC242EXTOPCB** with encoder controlled gate positioning fitted with an electronic programmer, a multi-decoding radio receiver **S449-S486-S504-S508**, battery charger and NiMH batteries.

The electronic programmer is factory fitted with a graphic LCD display (128 x 128 pixels) with backlighting in six different languages. The menu allows you to read the number of manoeuvres carried out and to rapidly set the system parameters including: the sequential button mode, automatic reclosing, warning lamp pre-flashing, intermittent warning lamp activation, indicator light and photoelectric cell function setting and electric lock enable etc.

ALL WEATHER CONTAINER ABS IP55 WITH WALL FASTENING ELEMENTS

The electronic components of the **CC242ETOP** series are housed in a container with sealing gaskets and cable gland entry holes for the insertion of Ø16 mm rigid tubes.

The electronic components of the **CC242EXTOPCB** series are housed in a container with sealing gaskets with:

- cover closing system using rapid action hooks;
- removable plaque factory set for the fastening of up to five cable clamps;
- air circulation slits built into the container;
- removable support in nylon fibre housing the electronic appliances on DIN rails;
- a Ø21 mm cable clamp and two Ø16 mm cable clamps.

CC242ETOPCB

CC242EXTOPCB

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