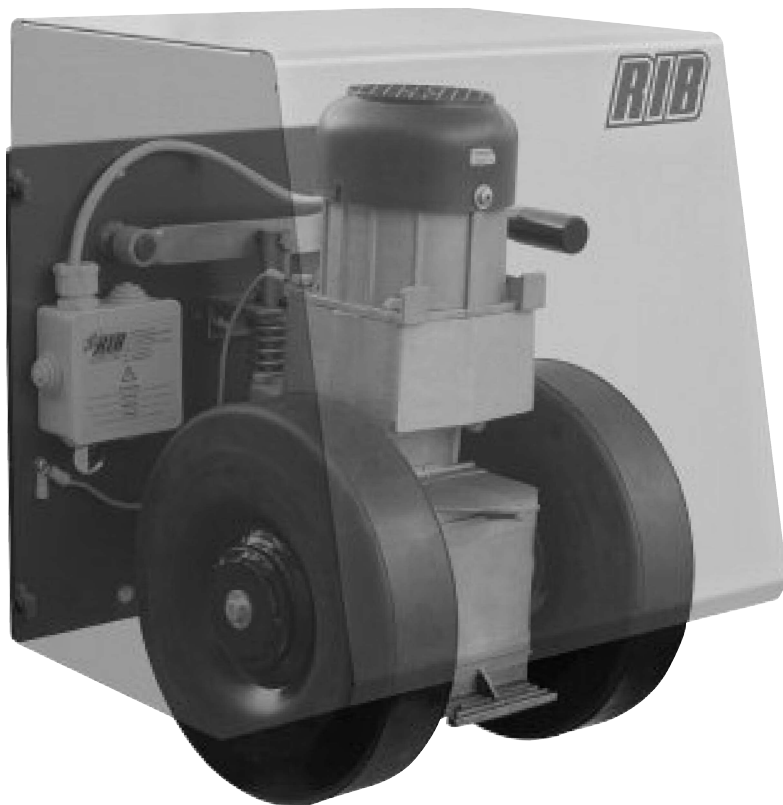


R50



OPERATORE PER PORTONI INDUSTRIALI
OPERATEUR POUR PORTAILS INDUSTRIELS
OPERATOR FOR INDUSTRIAL DOORS
TORANTRIEB FÜR INDUSTRIETORE

Operatore
Operateur
Operator
Torantrieb

Alimentazione
Alimentation
Power Supply
Stromspannung

Peso max cancello
Poids maxi portail
Max gate weight
Max Torgewicht

codice
code
code
code

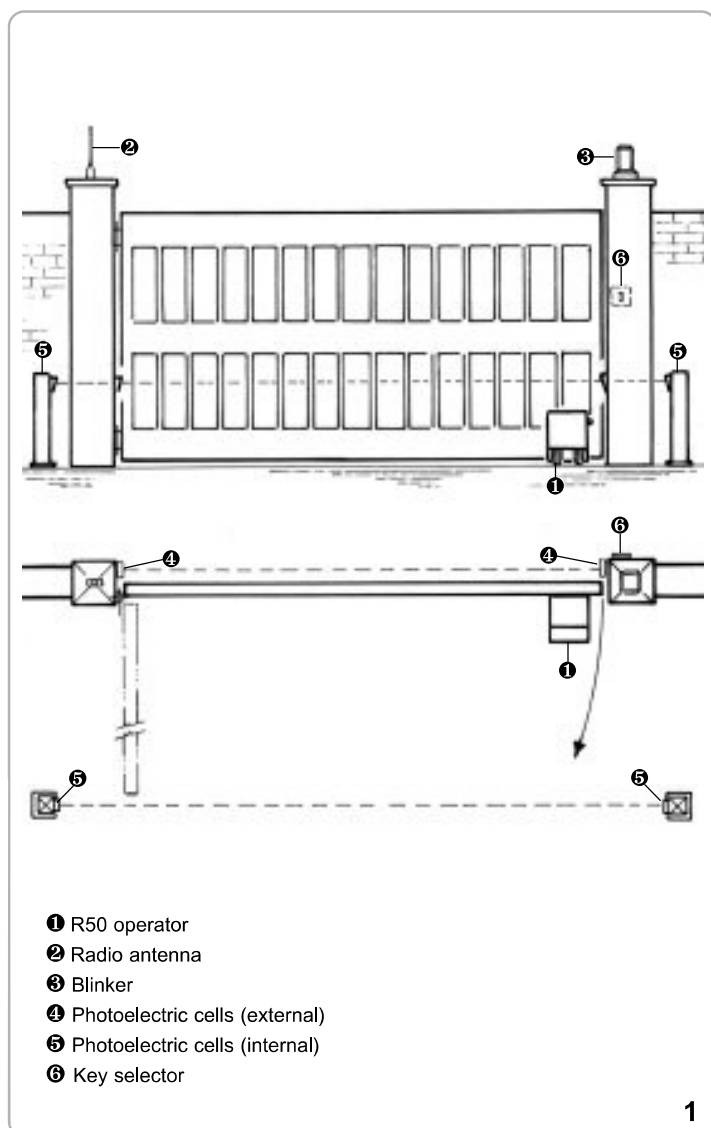
R50

230V 50/60Hz

2000 kg / 4460 lbs

AA21580





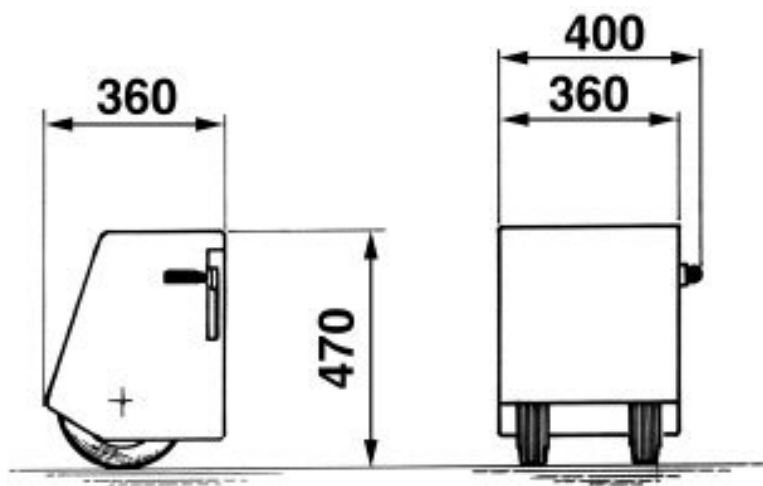
TECHNICAL FEATURES

Gearmotor for operating industrial swing gates with overall maximum weight of 2000 kg.

The R50 is an irreversible electric gearmotor with adjustable drive force, regulated by changing the pressure exerted by the drive wheels on the ground.

The drive wheels are able to run over surface irregularities of up to 6 cm (approx.), because the gearmotor unit slides along a vertical track. The pressure setting between the drive wheels and the ground can vary from 30 to 130 kg maximum and is maintained by an adjustable spring.

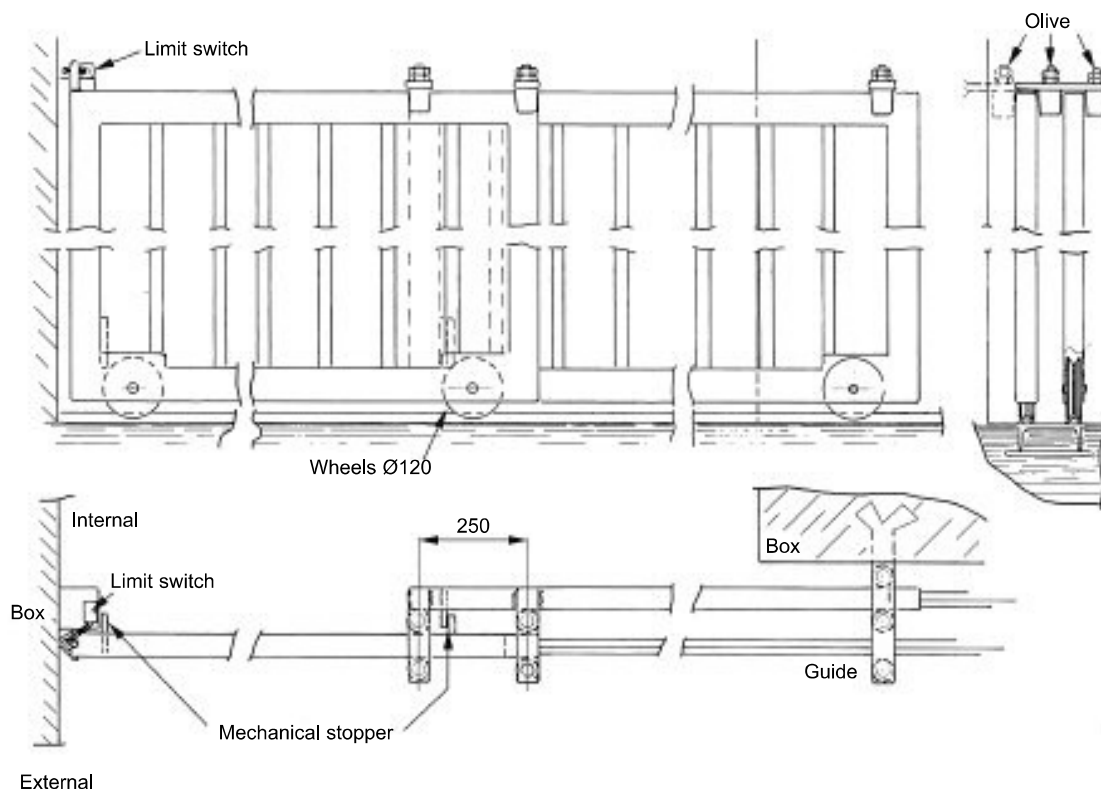
TECHNICAL DATA	R50	
Max. leaf length	m	10
Max. leaf weight	kg	200
Average opening time 90°	s.	78
Operating speed	m/s.	0,180
EEC Power supply	230V~ 50/60Hz	
Motor capacity	W	295
Power absorbed	A	1,96
Capacitor	μF	16
EEC Power supply	120V~ 60Hz	
Motor capacity	W	251
Power absorbed	A	2,26
Capacitor	μF	40
230/50-60 Normative cycles	n°	3 - 78s/2s
120/60 Normative cycles	n°	8 - 78s/2s
Daily cycles suggested	n°	300
Service	60%	
Consecutive cycles guaranteed	n°	4/78s
Lubrication	IP MELLANA 100	
Actuator weight	kg	45
Operating temperature	°C	-10 + +55°C
Protection grade	IP	547



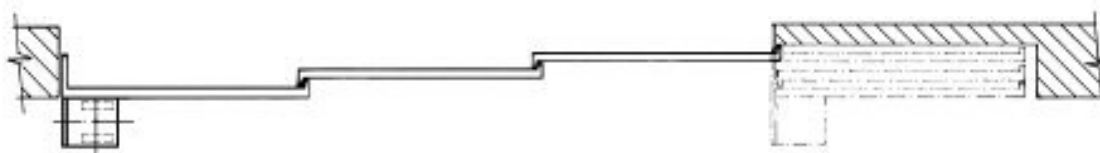
Measurements in mm

R50 APPLICATION ON MULTIPLE PANEL DOORS

In this case the R50 must be installed on the first leaf.



4



5

EMERGENCY RELEASE

To be undertaken after disconnecting power supply.

In the event of a power failure, raise the side handle to lift the wheels off the ground.

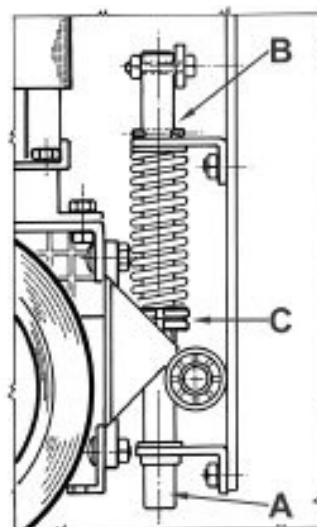
In order to carry out the manual operation of the gate leaf the followings must be checked:

- That the gate is endowed with appropriate handles;
- That these appropriate handles are placed so to avoid safety risks for the operator;
- That the physical effort necessary to move the gate leaf should not be higher than 225 N, for doors/gates for private dwellings, and, 390N for doors/gates for commercial and industrial sites (values indicated in 5.3.5 of the EN 12453 norm

A : Maximum stroke 60 mm during movement (holes or uneven ground)

B : Remove the elastic pin, after the unit is secured, to release the spring.

C : Spring set screw.



6

ELECTRICAL SAFETY DEVICES

The installation must be installed according to the current regulations and laws.

Use the KS2 electronic control unit.

For connections and technical data of accessories refer to the appropriate booklets.

MAINTENANCE

To be undertaken by specialized staff after disconnecting power supply.

Clean the wheel contact surfaces carefully once a week.

Check wheel/ground pressure and condition of motor wheels every six months.

The motor should be overhauled every two years and the oil replaced.

ACCESSORIES - For the connections and the technical data of the optional equipments follow the relevant handbooks.

Ks2

Automatic travel and timing code learning system

Automatic closure

Pre-blinking

Slow speed in close position approach

Electronic adjustment of the force

Radio command - step by step or automatic

Single command - step by step or automatic

Directional open and close commands (with timer control)

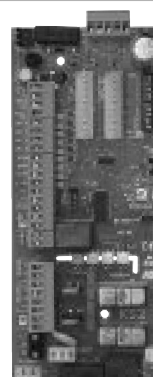
Electric lock release operation

Stop command

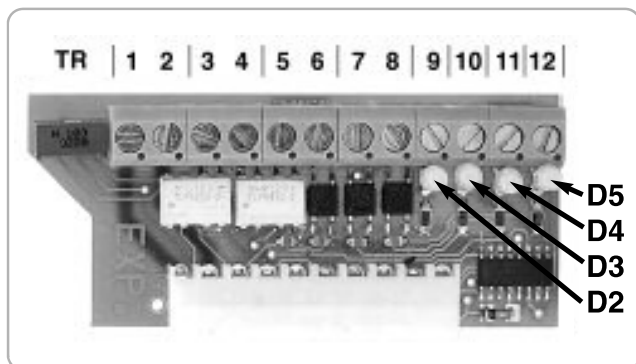
Connectable to encoder to detect obstacle - photocells - strips - blinker - key selector - buzzer - electric lock

code ABKS105 => 230V

code ABKS104 => 120V



EXPANDER CARD

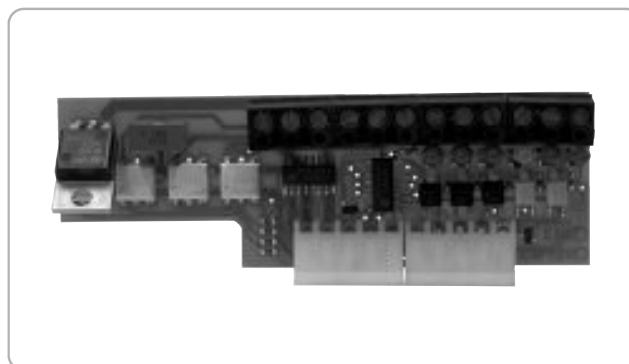


!! FEED THE EXP CARD IN WHEN POWER IS NOT SUPPLIED !!

- PEDESTRIAN OPENING COMMAND
- AUTOMATIC PEDESTRIAN CLOSING
- MANAGEMENT OF THE SAFETY EDGE
- 24VAC ACCESSORIES FEEDING
- MANAGEMENT OF THE TRAFFIC LIGHT CONTR
- MANAGEMENT OF THE COURTESY LIGHT
- CLOSING COMMAND AFTER PASSING THROUGH THE PHOTOCELLS*

code ACG5470

EXPANDER PLEX CARD



LIKE EXPANDER BOARD, BUT IN ADDITION WITH:

- AUTOTEST OF 4 PHOTOCELLS
- AUTOTEST STRIPS
- *NOT FOR EXPANDER PLEX

code ACG5472

RADIO TRANSMITTER MOON

MOON 433 - MOON 91



433 code ACG6081 433 code ACG6082
91 code ACG7025 91 code ACG7026

MOON CLONE



code ACG6093

CODE LEARNIG SYSTEM RADIORECEIVERS



RX91/A	quarzata and coupling	code ACG5005
RX91/A	quarzata and terminal board	code ACG5004
RX433/A	super eterodyne and coupling	code ACG5055
RX433/A	super eterodyne and terminal board	code ACG5056
RX433/A 2CH	super eterodyne, 2 channel and coupling	code ACG5051
RX433/A 2CH	super eterodyne, 2 channel and terminal board	code ACG5052

SPARK



In order to make the systems mentioned above give the best performances, you need to install an antenna tuned on the frequency of the radio receiver installed.

N.B. Pay attention to not let the central wire of the cable to come into contact with the external copper sheath, since this would prevent the antenna from working.

Install the antenna vertically and in such a way the remote control can reach it.

SPARK ANTENNA 91	code ACG5454
SPARK ANTENNA 433	code ACG5452
SPARK BLINKER WITH IN-BUILT INTERMITTENT CARD	code ACG7059

FIT SYNCRO



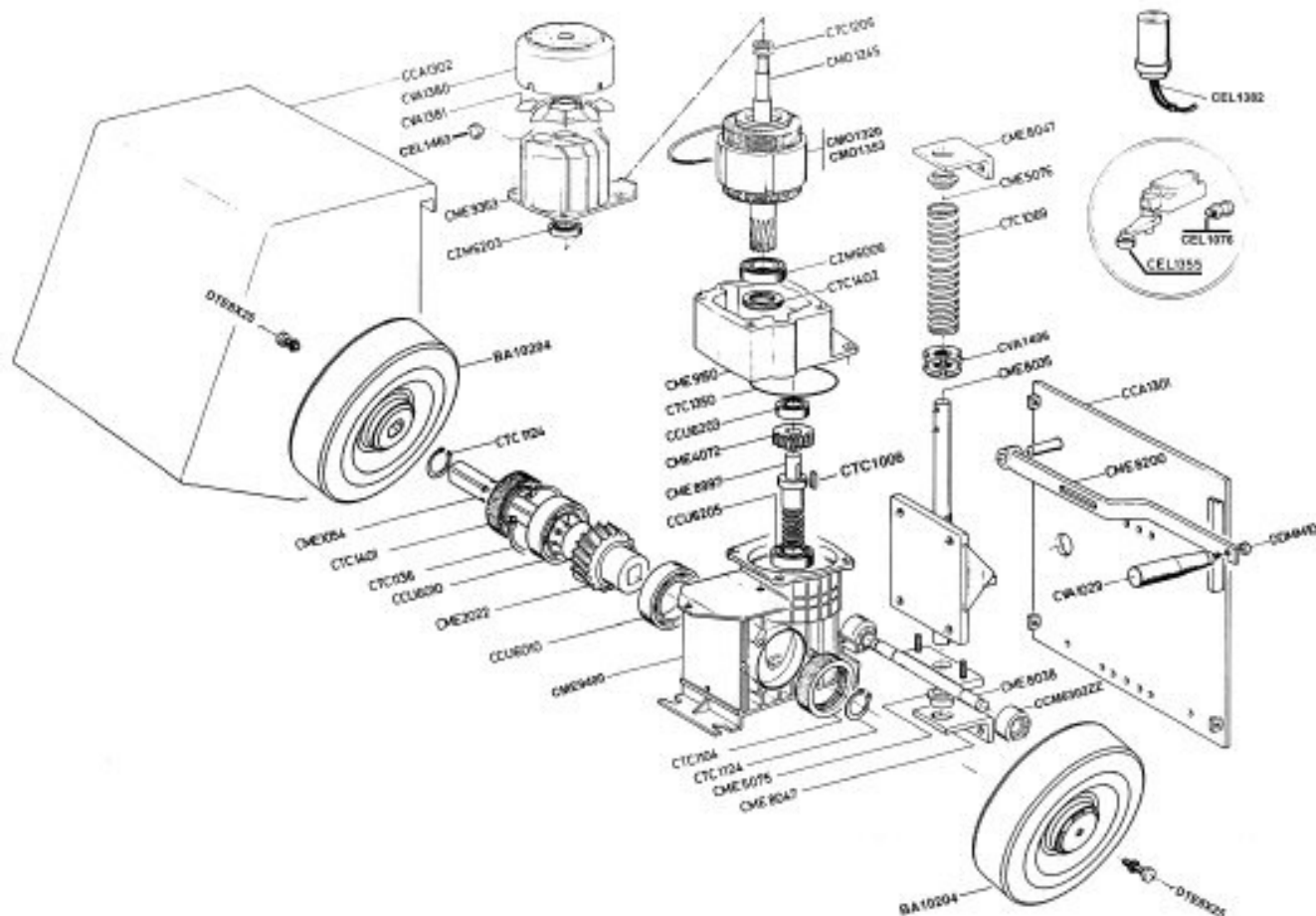
FIT SYNCRO PHOTOCELLS for the wall-installation code ACG8026
The range you can set is 10-20 m, 30+60ft.

You can fit many couples close together thanks to the synchronising circuit.

Add the **SYNCRO TRANSMITTER** code ACG8028
for more than 2 photocells couples (up to 4).

COUPLE OF BUILT-IN BOXES FOR THE FIT SYNCRO

code ACG8051



MADE IN ITALY

Questo prodotto è stato completamente progettato e costruito in Italia - Ce produit a été complètement développé et fabriqué en Italie - This product has been completely developed and built in Italy - Dieses Produkt wurde komplett in Italien entwickelt und hergestellt

Codice	Denominazione Particolare	Codice	Denominazione Particolare	Codice	Denominazione Particolare
BA10204	Ruota trascinamento R50	CME8200	Leva di sblocco manuale R50	CVA1029	Manopola MCG 28 85 GIR
CCA1301	Piastra di base	CME8997	Vite senza fine	CVA1380	Copriventola motore
CCA1302	Carter	CME9150	Controflangia	CVA1381	Ventola
		CME9353	Cappellotto	CVA1406	Ghiera reg. friz. Prem.
		CME9400	Carcassina		
CCU6010	Cuscinetto 6010	CMO1245	Rotore con albero	CZM6006	Cuscinetto motore 6006ZZ
CCU6203	Cuscinetto 6203	CMO1320	Statore 230V 50/60Hz 1P	CZM6203	Cuscinetto motore 6203ZZ
CCU6205	Cuscinetto 6205	CMO1353	Statore 120V 60Hz 1P		
CEL1076	Pressacavo PG13.5	CCM6302ZZ	Cuscinetto 6302ZZ	DDMM10	Dado 10MA medio
CEL1463	Blocca Cavo SR6P3-4			DTE8X25	Vite TE 8X25 UNI5739
CEL1355	Finecorsa 3SE3120-1G	CTC1006	Chiavetta 6x6x20		
CEL1382	Condensatore 16µF 450V	CTC1069	Molla per R50		
CME1054	Albero di traino	CTC1104	Paraolio 50x72x10		
CME2022	Corona con mozzi Z=38	CTC1124	Seeger E28		
CME4072	Ingranaggio Z=29	CTC1136	Seeger I 80		
CME5075	Bussola inf. R50	CTC1206	Molla a tazza		
CME5076	Bussola sup. R50	CTC1350	Anello di tenuta		
CME8035	Supporto motore R50	CTC1401	Paraolio 50x80x8		
CME8038	Timone regolab. R50	CTC1402	Paraolio30x47x7		
CME8047	Squadretta di guida R50				

Cod. CVA1246 - 16012008 - Rev. 14

COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
=ISO 9001/2000=

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automatismi per cancelli
automatic entry systems

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