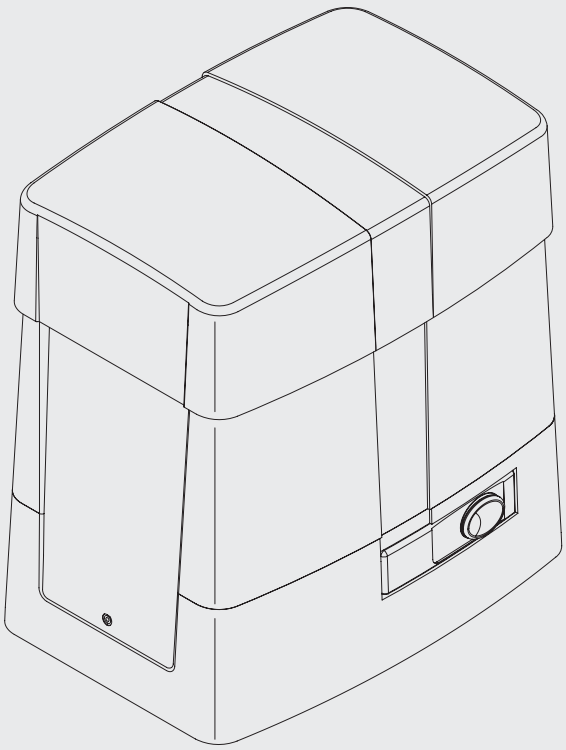
L8543221
04/2016 rev. 0

BULL 10M - 10M.S
BULL 15M - 15M.S
BULL 20M - 20M.S



BENINCA®
TECHNOLOGY TO OPEN

CE

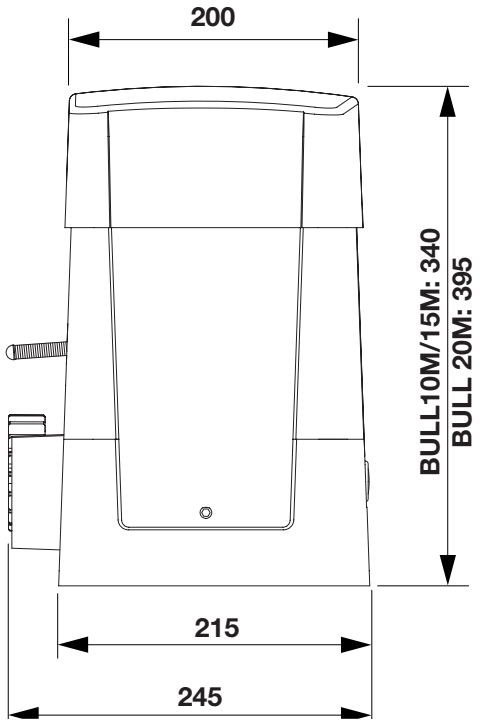
UNIONE NAZIONALE COSTRUTTORI
AUTOMATISMI PER CANCELLI, PORTE
SERRANDE ED AFFINI

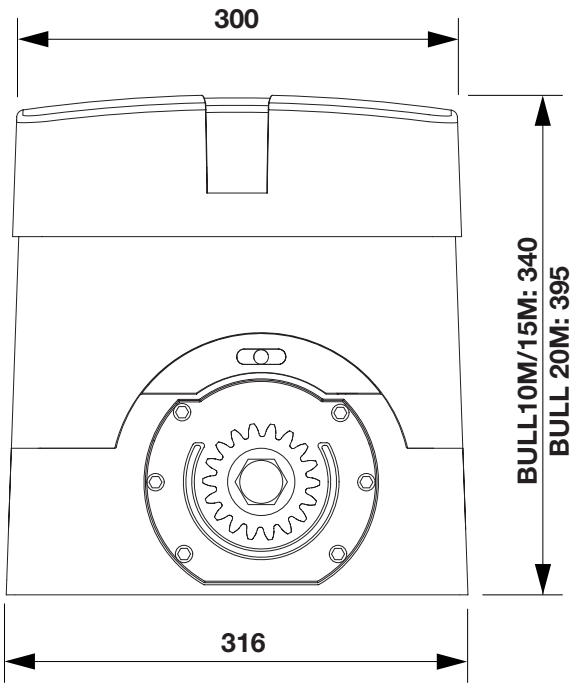
UNAC

Dati tecnici	Technical data	Technische Daten	BULL 10M	BULL 15M	BULL 20M
Alimentazione	**Feed**	*Speisung*	**230Vac 50Hz**	**230Vac 50Hz**	**230Vac 50Hz**
Potenza assorbita	**Absorbed power**	*Aufgenom. Leistung*	**350 W**	**410 W**	**506 W**
Assorbimento	**Absorption**	*Verbrauch*	**1,6 A**	**2,5 A**	**2,9A**
Coppia	**Torque**	*Kräftepaar*	**27 Nm**	**45 Nm**	**60 Nm**
Intermittenza di lavoro	**Operating jogging**	*Betriebsintermittenz*	**40%**	**60%**	**40%**
Grado di protezione	**Protection class**	*Schutzklasse*	**IP44**	**IP44**	**IP44**
Temp. funzionamento	**Working temperature**	*Betriebstemperatur*	**-20°C / +50°C**	**-20°C / +50°C**	**-20°C / +50°C**
Peso max. cancello	**Max. gate weight**	*Gittersgewicht max.*	**1000kg**	**1500kg**	**2000kg**
Modulo cremagliera	**Rack modulus**	*Modul der Zahnstange*	**M4**	**M4**	**M4**
Velocità apertura	**Opening speed**	*Öffnungsgeschwindigkeit*	**10,5m/min**	**10,5m/min**	**10,5m/min**
Condensatore	**Capacitor**	*Kondensator*	**20 µF**	**25 µF**	**31,5 µF**
Rumorosità	**Noise level**	*Geräuschentwicklung*	**<70 dB**	**<70 dB**	**<70 dB**
Lubrificazione	**Lubrication**	*Schmierung*	**Grasso**	**Grease**	**Agip GR MU EP/2**
Peso	**Weight**	*Gewicht*	**18,7 kg**	**20,1 kg**	**21,6 kg**

Donnees technique	Datos técnicos	Dane techniczne	BULL 10M	BULL 15M	BULL 20M
Alimentation	Alimentación	Zasilanie	**230Vac 50Hz**	**230Vac 50Hz**	**230Vac 50Hz**
Puissance absorbée	Consumo de potencia	Natężenie	**350 W**	**410 W**	**506 W**
Absorption	Absorción	Pobór mocy	**1,6 A**	**2,5 A**	**2,9A**
Couple	Par	Moment obrotowy	**27 Nm**	**45 Nm**	**60 Nm**
Intermittence de travail	Intermitencia de trabajo	Rodzaj pracy	**40%**	**60%**	**40%**
Degré de protection	Grado de protección	Stopień ochrony	**IP44**	**IP44**	**IP44**
Temp. fonctionnement	Temp. funcionamiento	Temp. podczas pracy	**-20°C / +50°C**	**-20°C / +50°C**	**-20°C / +50°C**
Poids max. portail	Peso máx. de la cancela	Ciężar max. bramy	**1000kg**	**1500kg**	**2000kg**
Module de la crémaillère	Módulo de cremallera	Typ listwy zębatej	**M4**	**M4**	**M4**
Vitesse d'ouverture	Velocidad de apertura	Prędkość otwieraia	**10,5m/min**	**10,5m/min**	**10,5m/min**
Condensateur	Condensador	Kondensator	**20 µF**	**25 µF**	**31,5 µF**
Bruit	Ruido	Max. halas	**<70 dB**	**<70 dB**	**<70 dB**
Lubrification	Lubrificación	Smarowanie			
Poids	Peso	Ciężar	**18,7 kg**	**20,1 kg**	**21,6 kg**

Dimensioni d'ingombro - Overall dimensions
Abmessungen - Dimensions d'encombrement
Dimensiones exteriores - Wymiary gabarytowe





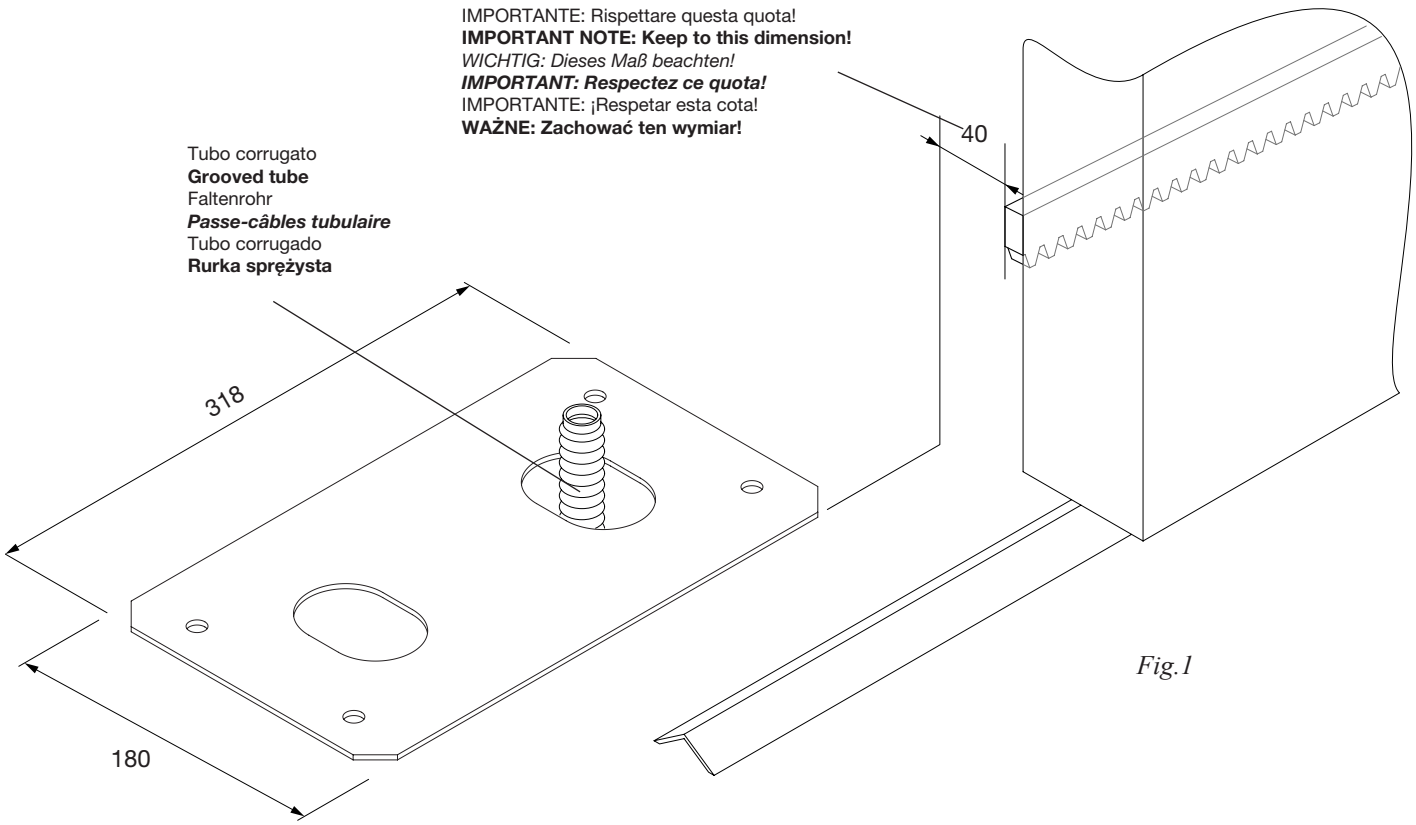


Fig.1

Fissaggio diretto su fondo in cemento esistente
Direct fitting on the already existing base in concrete
Direkte Befestigung an einem vorhandenen Betonuntergrund
Ancrage direct sur fond en ciment préexistant
Fijación directa sobre fondo de cemento existente
Bezpośrednie zamocowanie w istniejącym fundamencie betonowym

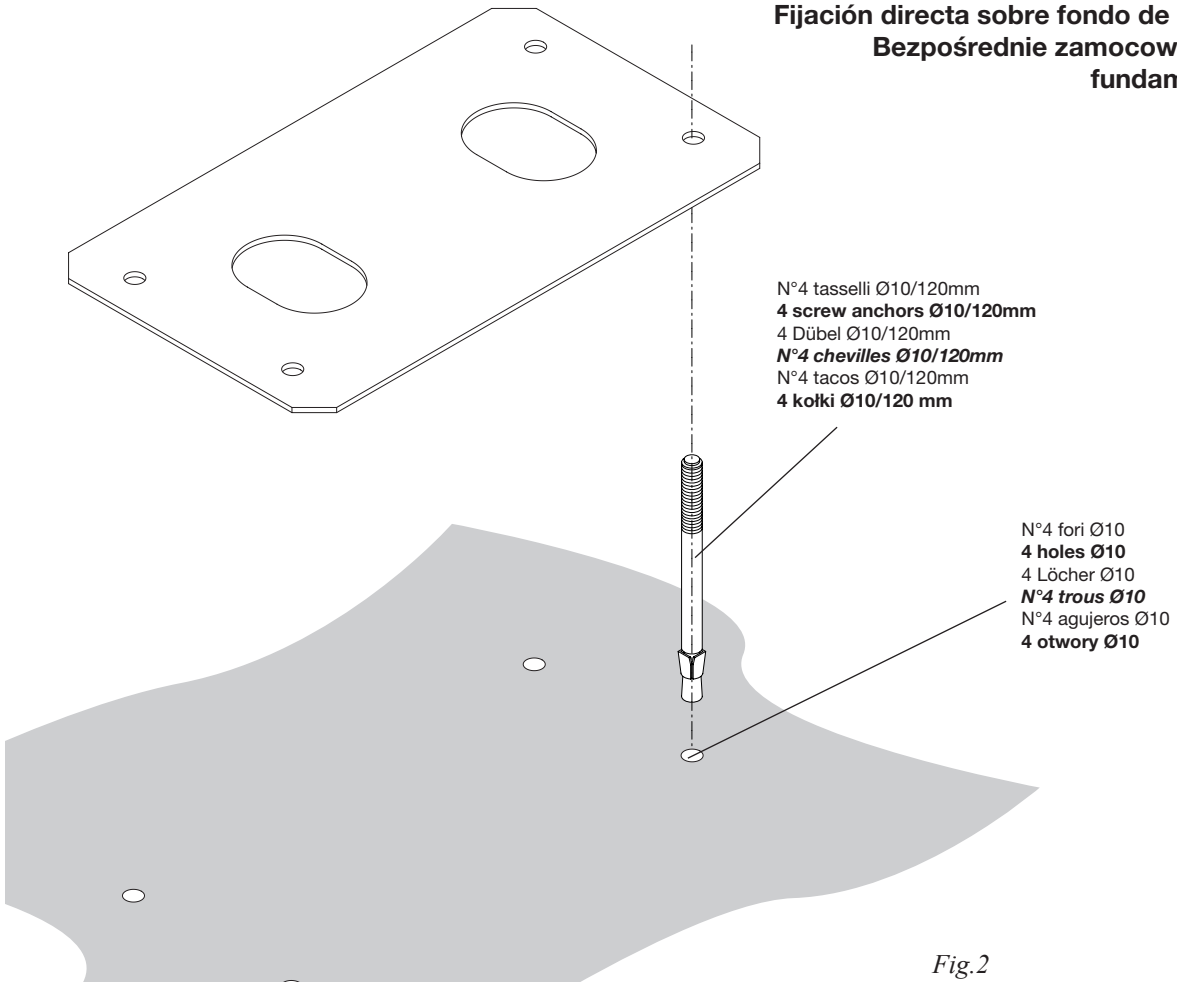


Fig.2

Fissaggio con regolazione su fondo in cemento esistente
Fitting with adjustment on the already existing base in concrete
Befestigung an einem vorhandenen Betonuntergrund und Einstellung
Ancrage avec réglage sur fond en ciment préexistant
Fijación con regulación sobre fondo de cemento existente
Zamocowanie z możliwością regulacji w istniejącym fundamencie betonowym

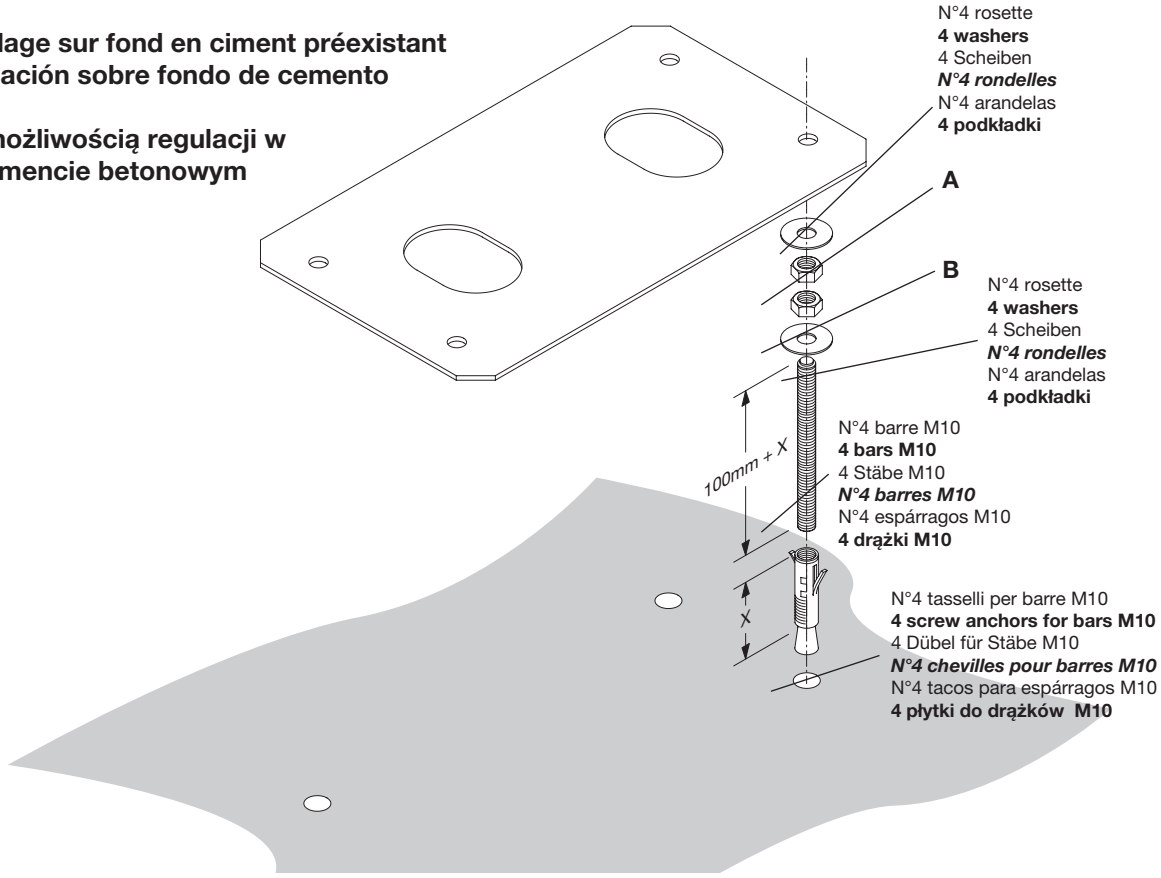


Fig.3

Fissaggio con tirafondi su getto in calcestruzzo
Fitting with stretcher bolts on concrete layer
Befestigung durch Zugbolzen an einer Bettonierung
Ancrage avec tire-fonds sur coulée de béton
Fijación con tirafondos sobre vaciado de hormigón
Zamocowanie z odciągiem w płycie betonowej

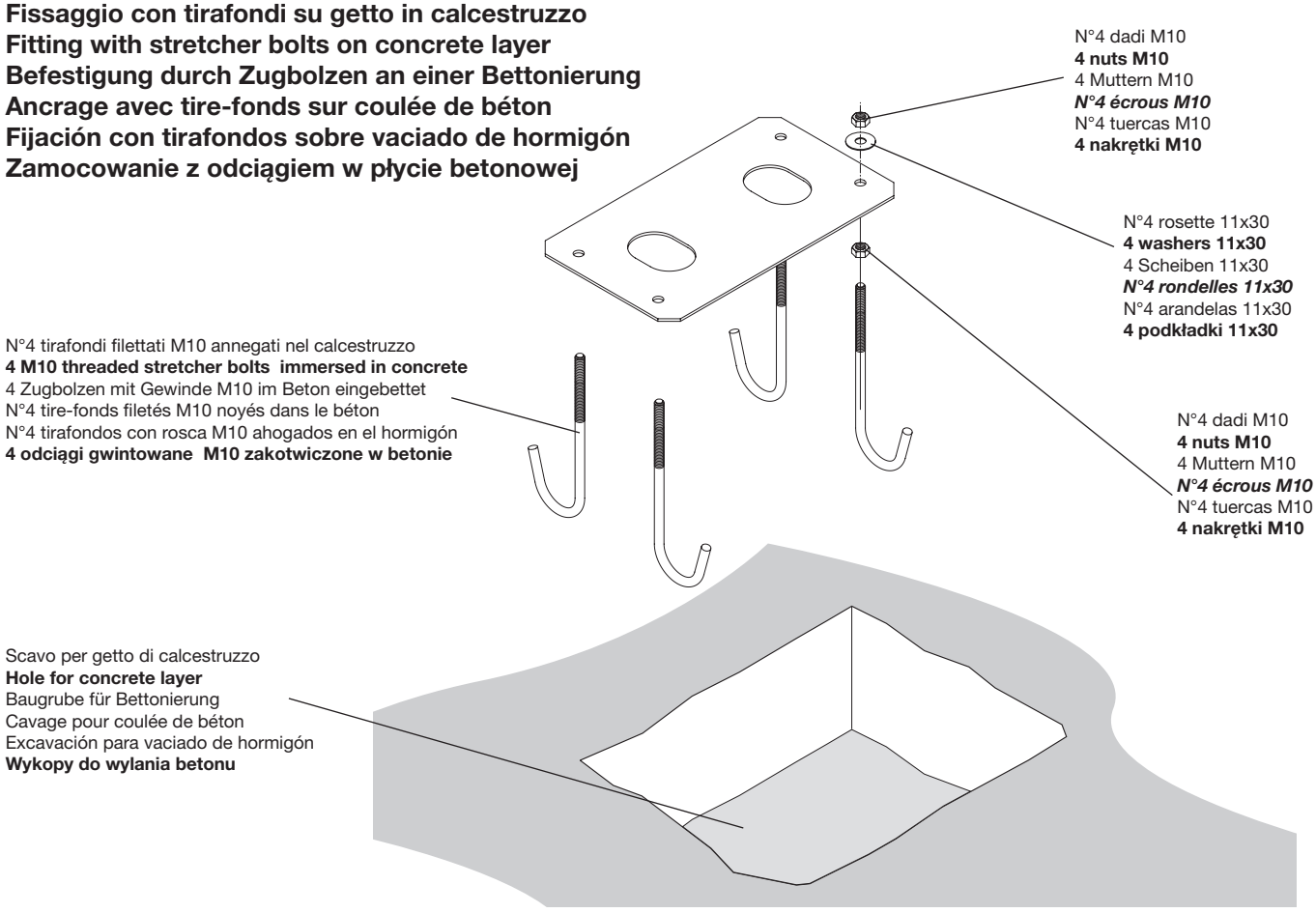


Fig.4

Attendere il consolidamento del getto di calcestruzzo, quindi rimuovere i dadi "D" e le rondelle "R" fascia larga 11x30 e portarli sotto la piastra per consentire le regolazioni in altezza dell'attuatore.

Wait for hardening of the concrete layer, then remove the nuts "D" and the 11x30 large band washers "R", move them under the plate to allow for the actuator adjustment in height.

Abwarten bis der Beton ausgehärtet ist, dann die Muttern „D" und die breiten Scheiben „R" 11x30 abnehmen und unter die Platte bringen, um die Höhe des Aktuators einstellen zu können.

Attendez le durcissement de la coulée de béton et retirez les écrous "D" et les rondelles "R" bande large 11x30, pèortez-les sous la plaque pour permettre les réglages en hauteur de l'actuateur.

Esperar que se consolide el vaciado de hormigón, seguidamente quitar las tuercas "D" y las arandelas "R" faja larga 11x30 y ponerlas debajo de la placa para consentir las regulaciones de altura del actuador.

Odczekać na utwardzenie wylewu betonowego, a następnie odmontować nakrętki „D" oraz podkładki "R" szerokopasmowe 11x30 i umieścić je pod płytą w celu umożliwienia regulacji wysokości siłownika.

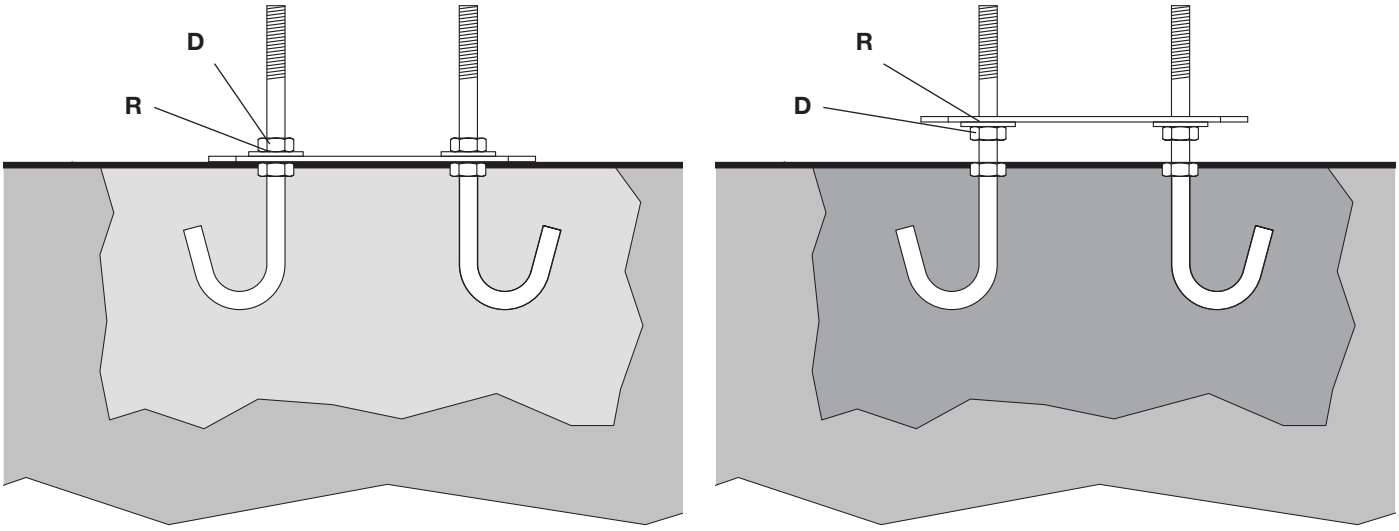
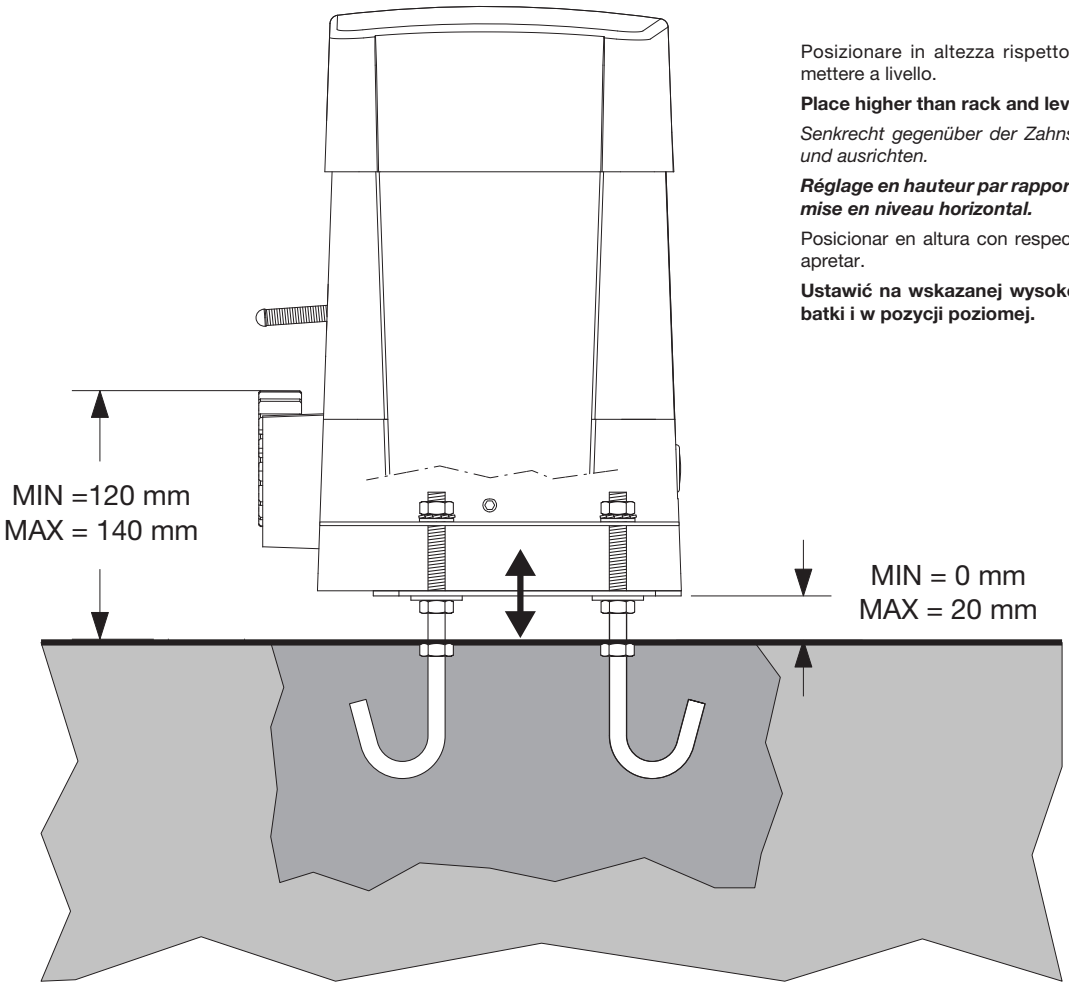


Fig.5



Posizionare in altezza rispetto alla cremagliera e mettere a livello.

Place higher than rack and level.

Senkrecht gegenüber der Zahnstange positionieren und ausrichten.

Réglage en hauteur par rapport à la cremaillére et mise en niveau horizontal.

Posicionar en altura con respecto a la cremallera y apretar.

Ustawić na wskazanej wysokości względem zębatki i w pozycji poziomej.

Fig.6

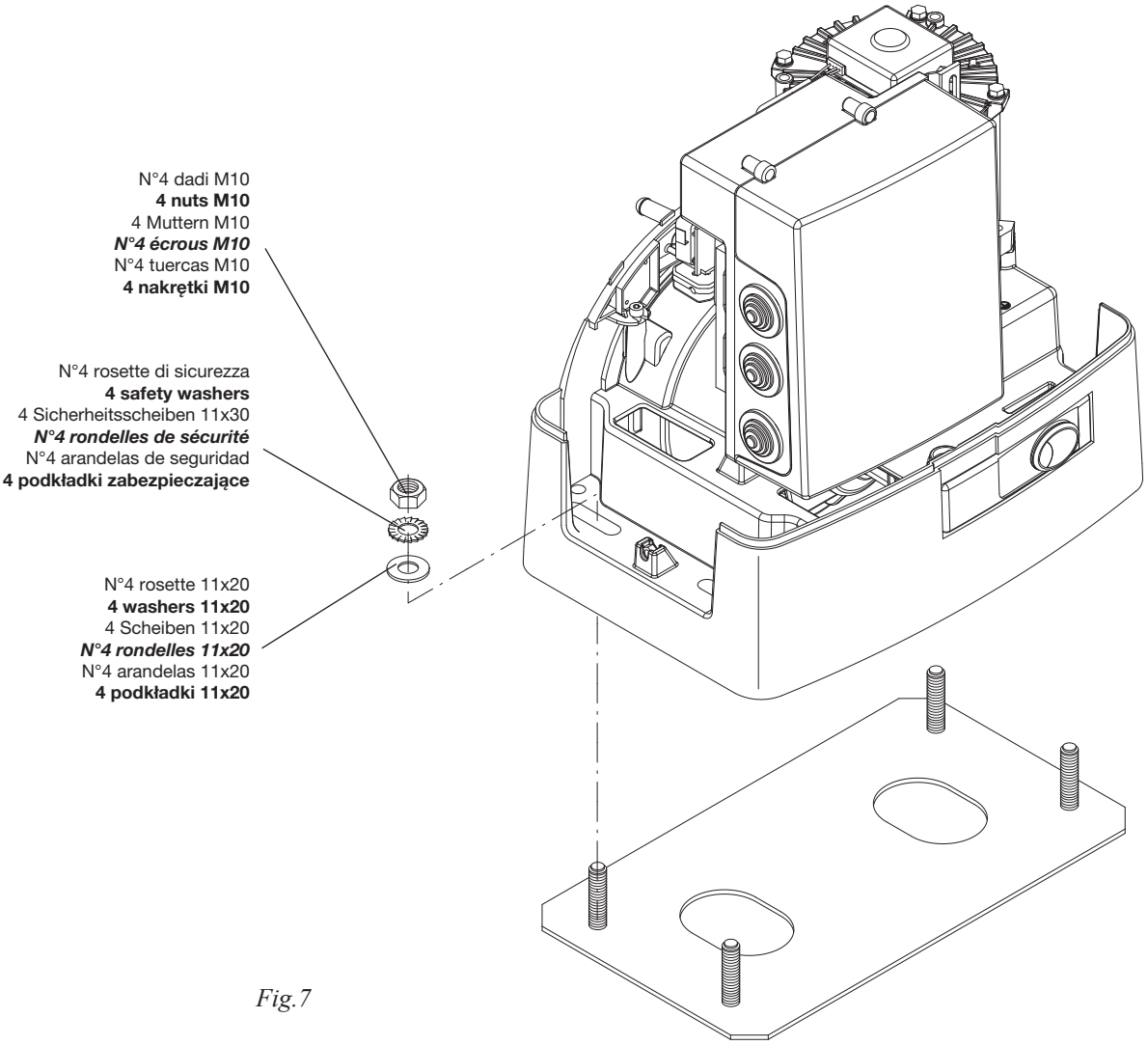
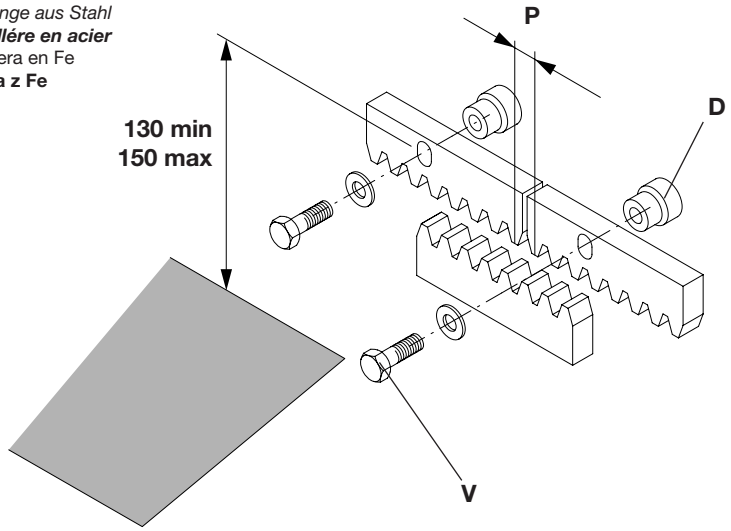


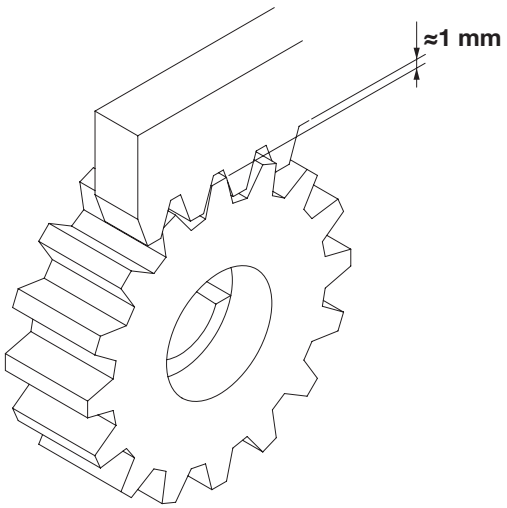
Fig.7

Cremagliera in Fe
Fe rack
Zahnstange aus Stahl
Cremaillére en acier
Cremallera en Fe
Zębatka z Fe



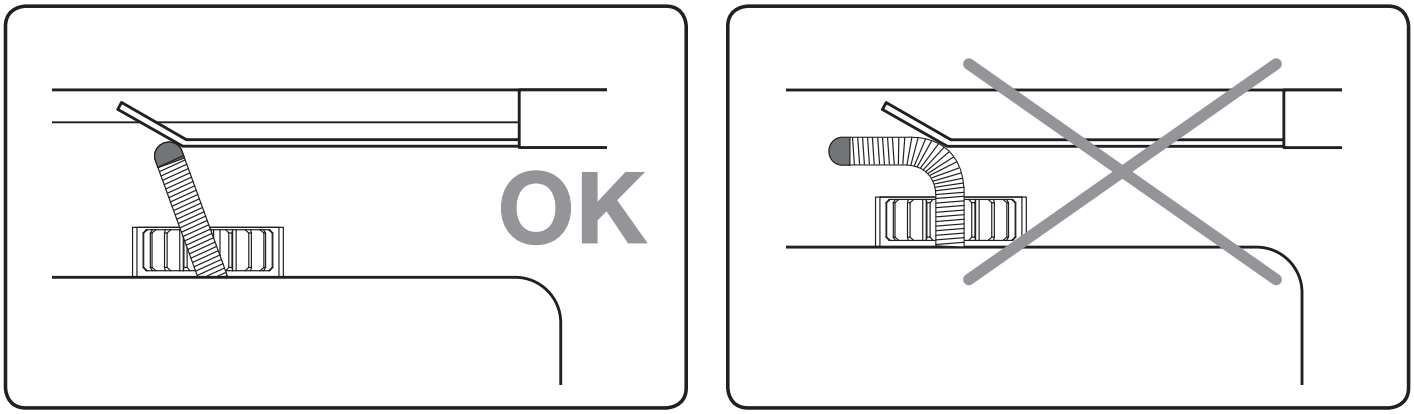
N.B.: Rispettare il passo
Important: Keep the pitch
Wichtig: Zahnteilung einhalten

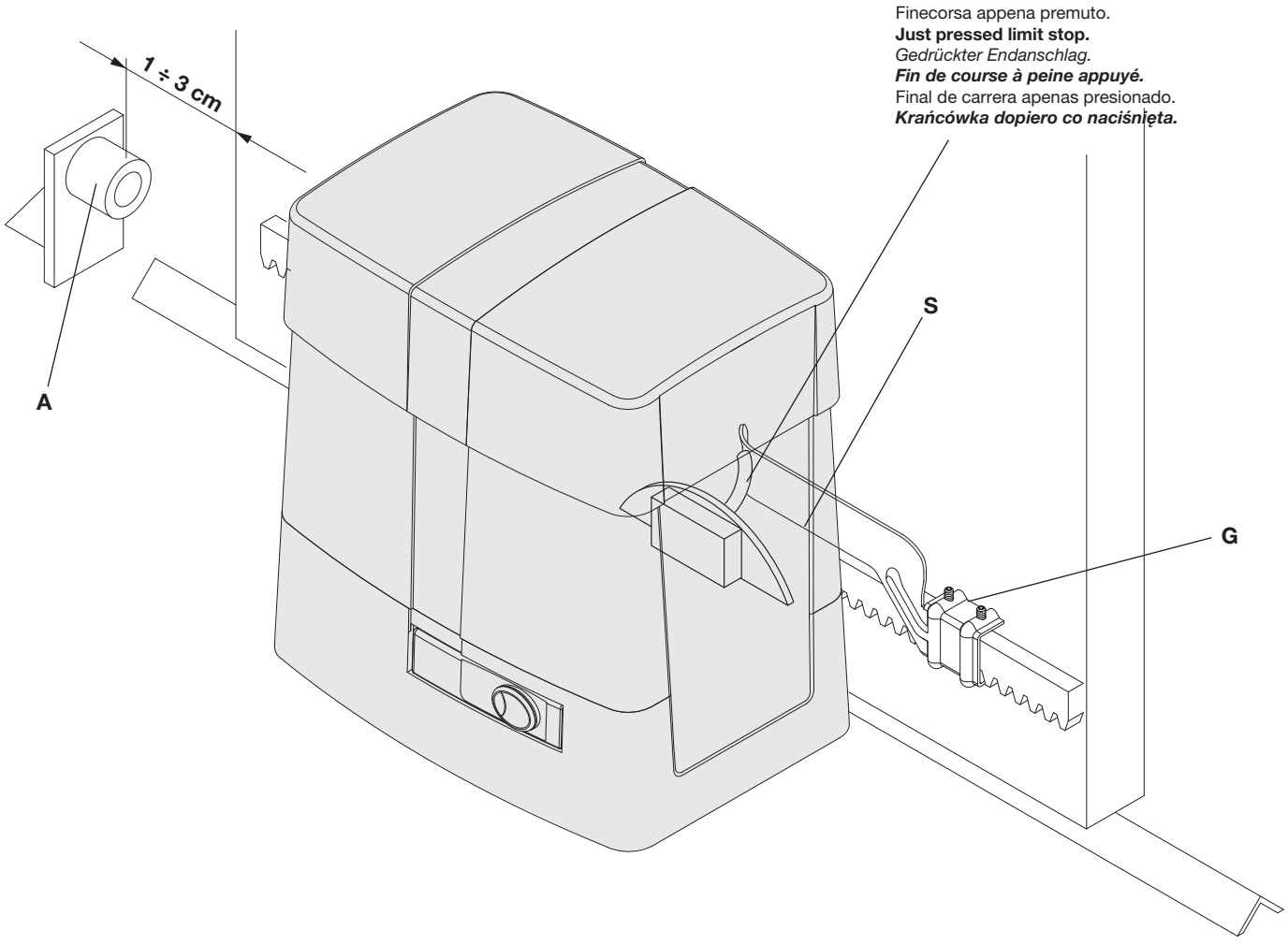
Fig.8



Important: Respecter le pas
NOTA: Respetar el paso
Uwaga: przestrzegać posuwu

Fig.9





Finecorsa appena premuto.
Just pressed limit stop.
Gedrückter Endanschlag.
Fin de course à peine appuyé.
Final de carrera apenas presionado.
Krańcówka dopiero co naciśnięta.

N.B.: La staffa del finecorsa deve essere posizionata in modo tale da permettere l'arresto del cancello senza che questo vada a sbattere contro l'arresto meccanico
N.b. The limit stop flask must be positioned to ensure that the gate stops without knocking against the mechanical stop.
Der Endanschlagtbügel muß so positioniert werden, daß die Sperre des Gitters ohne das Flattern des Schiebegitters gegen den Endschalter A erfolgen kann.

N.B. L'étrier de fin de course doit être positionné de façon à pouvoir arrêter le portail, sans qu'il aille bûter sur le fin de course mécanique.
NOTA: La pletina del final de carrera debe ser colocada de tal forma que permita la parada de la cancela sin que ésta vaya a tocar con el tope mecánico.
Uwaga: Zaczep krańcówki musi być w pozycji takiej by możliwe było zatrzymanie bramy niedopuszczając do jej zderzenia z zaporą mechaniczną.

Fig.10

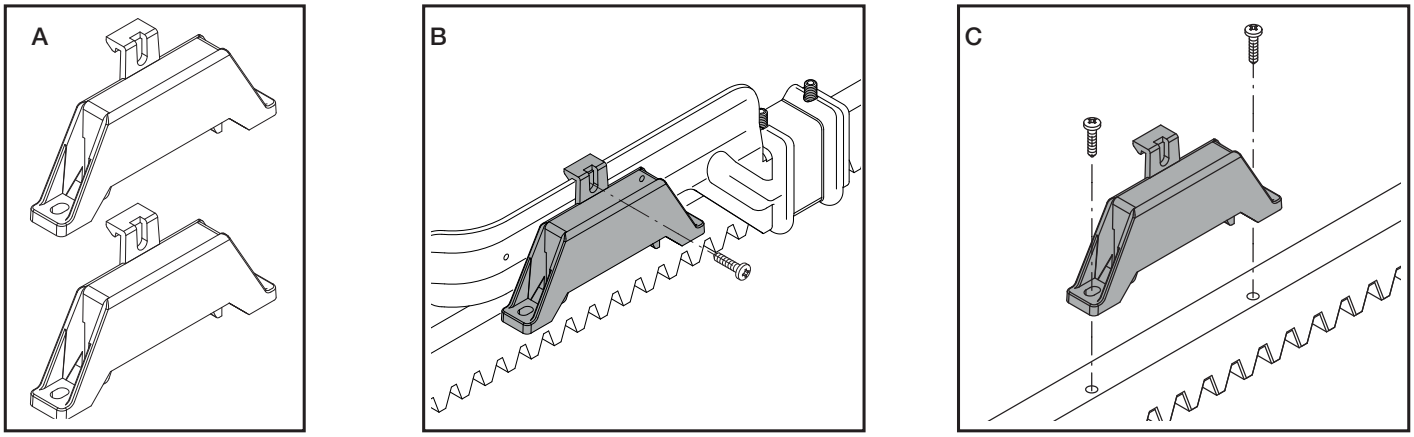
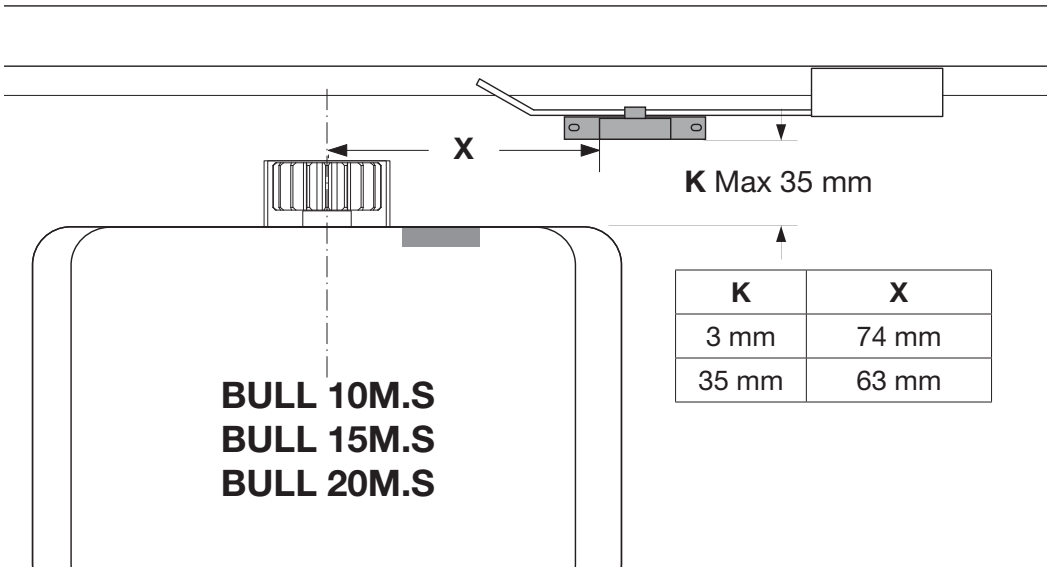


Fig.11



K	X
3 mm	74 mm
35 mm	63 mm

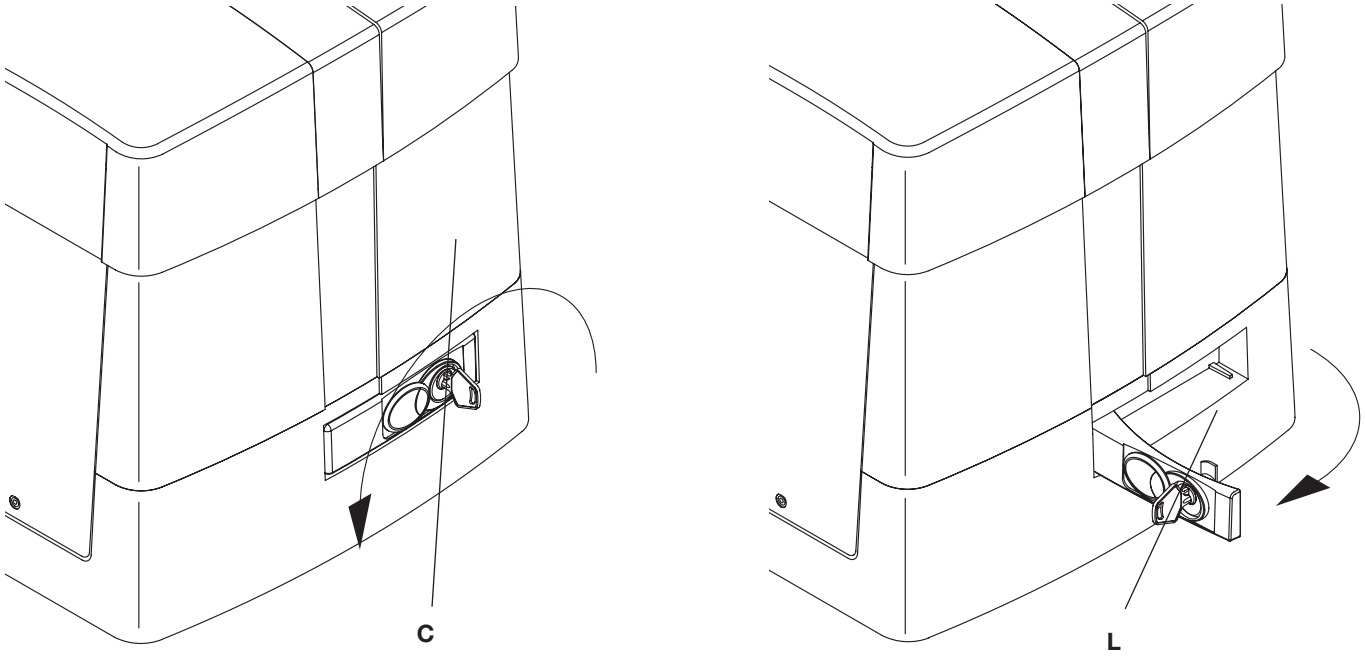
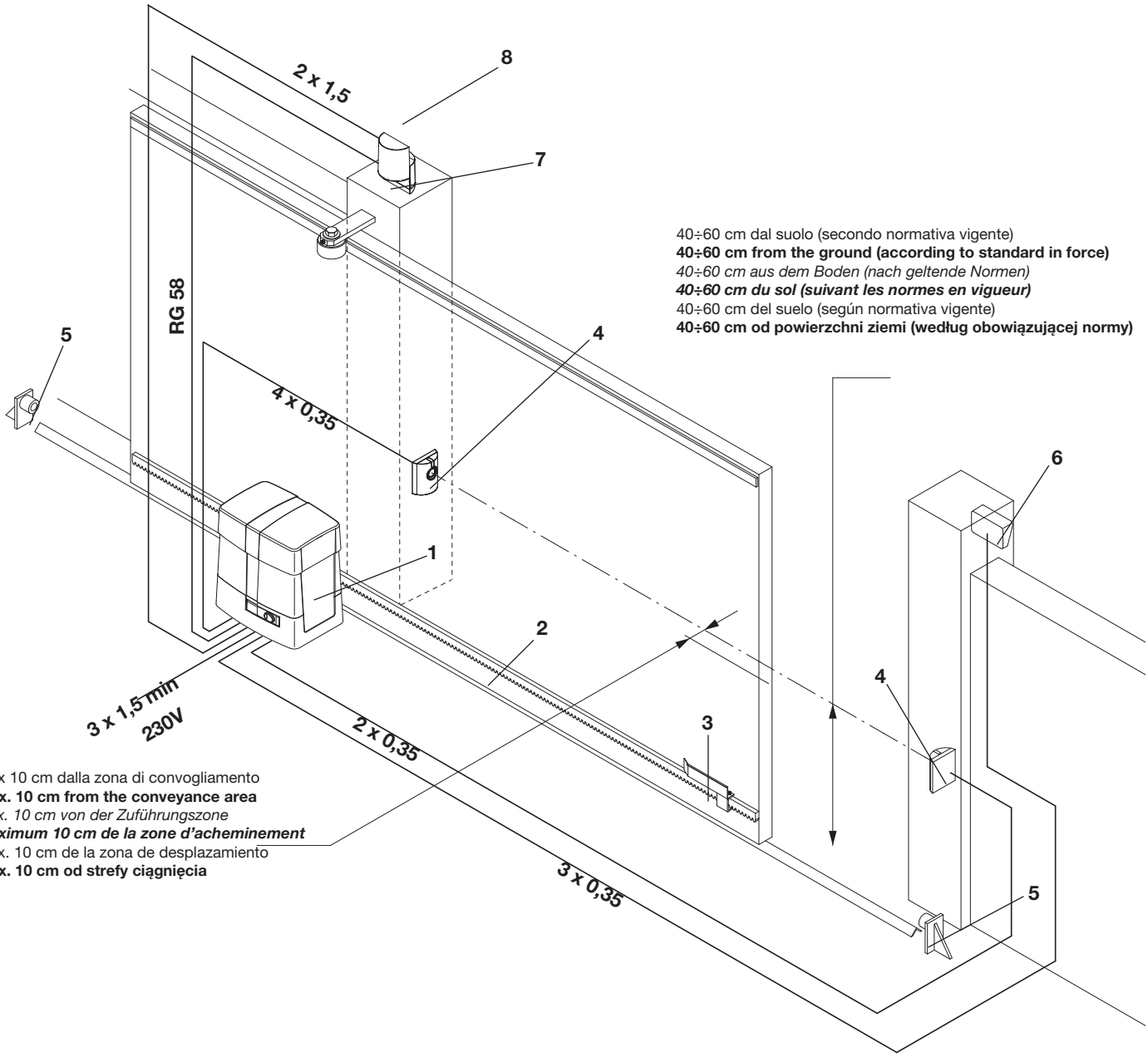


Fig.12



40÷60 cm dal suolo (secondo normativa vigente)
40÷60 cm from the ground (according to standard in force)
40÷60 cm aus dem Boden (nach geltende Normen)
40÷60 cm du sol (suivant les normes en vigueur)
40÷60 cm del suelo (según normativa vigente)
40÷60 cm od powierzchni ziemi (według obowiązującej normy)

Max 10 cm dalla zona di convogliamento
Max. 10 cm from the conveyance area
Max. 10 cm von der Zuführungszone
Maximum 10 cm de la zone d'acheminement
Max. 10 cm de la zona de desplazamiento
Max. 10 cm od strefy ciągnięcia

Legenda:
1 Motoriduttore con centralina incorporata BULL
2 Cremagliera RI.M4F/RI.M4Z
3 Staffe dei finecorsa
4 Fotocellule
5 Fermi meccanici
6 Selettore a chiave o tastiera digitale
7 Lampeggiante
8 Antenna

Legenda:
1 Ratio-motor complete with gear case BULL
2 Rack RI.M4F/RI.M4Z
3 Limit stop flasks
4 Photo-electric cells
5 Mechanical stop
6 Key or digital keyboard selector
7 Blinker
8 Antenna

Zeichenerklärung:
1 Drehzahlminderer mit eingebauter Schaltanlage BULL
2 Zahnstange RI.M4F/RI.M4Z
3 Endschlagbügel
4 Fotozelle
5 Mech. Endanschlag
6 Schlüssel-Selektor oder Digital-Tastatur
7 Blinklicht
8 Antenne

Légende:
1 Motoréducteur avec circuit intégré BULL
2 Cremaillére RI.M4F/RI.M4Z
3 Etriers de fin de course
4 Photocellules
5 Bûtée mécanique
6 Sélecteur à clef ou à clavier
7 Feu clignotant
8 Antenne

Leyenda:
1 Motorreductor con centralita incorporada BULL
2 Cremallera RI.M4F/RI.M4Z
3 Pletinas de los finales de carrera
4 Fotocélulas
5 Topes mecánicos
6 Selector a llave o teclado digital
7 Relampagueador
8 Antena

Objaśnienia:
1 Siłownik z wbudowaną centralką BULL
2 Zębatka RI.M4F/RI.M4Z
3 Zawieszki krańcowych wyłączników posuwu
4 Fotokomórki
5 Chwytaki mechaniczne
6 Przełącznik kluczowy lub panel sterujący
7 Światło migające
8 Antena

Fig.13

ENG

WARNING

The product shall not be used for purposes or in ways other than those for which the product is intended for and as described in this manual. Incorrect uses can damage the product and cause injuries and damages.
The company shall not be deemed responsible for the non-compliance with a good manufacture technique of gates as well as for any deformation, which might occur during use.
Keep this manual for further use.

This manual has been especially written to be use by qualified fitters.
Installation must be carried out by qualified personnel (professional installer, according to EN 12635), in compliance with Good Practice and current code.
Make sure that the structure of the gate is suitable for automation.
The installer must supply all information on the automatic, manual and emergency operation of the automatic system and supply the end user with instructions for use.

Packaging must be kept out of reach of children, as it can be hazardous. For disposal, packaging must be divided the various types of waste (e.g. carton board, polystyrene) in compliance with regulations in force.
Do not allow children to play with the fixed control devices of the product. Keep the remote controls out of reach of children.
This product is not to be used by persons (including children) with reduced physical, sensory or mental capacity, or who are unfamiliar with such equipment, unless under the supervision of or following training by persons responsible for their safety.
Apply all safety devices (photocells, safety edges, etc.) required to keep the area free of impact, crushing, dragging and shearing hazard. Bear in mind the standards and directives in force, Good Practice criteria, intended use, the installation environment, the operating logic of the system and forces generated by the automated system.
Installation must be carried out using safety devices and controls that meet standards EN 12978 and EN 12453.

An omnipolar switch/section switch with remote contact opening equal to, or higher than 3mm must be provided on the power supply mains.
Make sure that before wiring an adequate differential switch and an overcurrent protection is provided.
Pursuant to safety regulations in force, some types of installation require that the gate connection be earthed.
During installation, maintenance and repair, cut off power supply before accessing to live parts.
Also disconnect buffer batteries, if any are connected.
The electrical installation and the operating logic must comply with the regulations in force.
The leads fed with different voltages must be physically separate, or they must be suitably insulated with additional insulation of at least 1 mm.
The leads must be secured with an additional fixture near the terminals.
During installation, maintenance and repair, interrupt the power supply before opening the lid to access the electrical parts
Check all the connections again before switching on the power.
The unused N.C. inputs must be bridged.

WASTE DISPOSAL
As indicated by the symbol shown, it is forbidden to dispose this product as normal urban waste as some parts might be harmful for environment and human health, if they are disposed of incorrectly. Therefore, the device should be disposed in special collection platforms or given back to the reseller if a new and similar device is purchased. An incorrect disposal of the device will result in fines applied to the user, as provided for by regulations in force.

Descriptions and figures in this manual are not binding. While leaving the essential characteristics of the product unchanged, the manufacturer reserves the right to modify the same under the technical, design or commercial point of view without necessarily update this manual.

Introduction

Thank you for choosing our **BULL** ratiomotor. All items in the wide Benincà production range are the result of twenty-years' experience in the automatism sector and of continuous research for new materials and advanced technologies. We are, therefore, in the position to offer higly reliable products that due to their power, effectiveness and useful life, fully satisfy the final user's requirements.
All our products are manufactured to the existing standard and are covered by warranty.
Possible injury to people or accidents caused by defects in construction are covered by a civil liability policy drawn up with one of the major insurance companies.

1. General information

For an efficient operation of the sliding automatic mechanism, the gate must have the following features:
- The guide rail and its wheels must be suitable in size and mantained to prevent gate from excessive sliding friction.
- When running, gate must not rock excessively.
- Opening and closing stroke must be regulated by a mechanical limit stop (to safety standard in force).

2. General features

Automation with single-phase power supply for sliding gates, available in three models:
BULL 10M for gates with max weight of 1000 Kg
BULL 15M for gates with max weight of 1500 Kg
BULL 20M for gates with max weight of 2000 Kg
The small and elegant design enbloc BULL consists of an aluminium unit containing the motor and irreversible reduction unit, realized with high-grade materials.
The BULL has a spring-operated limit-switch.
A personalized key emergency release enables manual gate operation in the event of power failure.
Anti-crash safety is ensured by an electronic device (encoder), which detects the presence of any obstacle.

3. Installation of the foundation plate

Dimensions of the foundation plate are shown in Fig. 1.
It is essential to keep the distance from the rack, in order to position and remove the actuator once the rack is fitted to the gate leaf.
The types of fittings of the foundation plate are mainly the following:

1 Installation without adjustment in height on the already existing base in concrete (Fig.2).
By using the plate as drilling template, drill 4 holes Ø10mm, and insert the steel threaded screw anchors, Ø10x120mm, similar to those shown in Fig. 2.
Lock the actuator directly to floor, as indicated in Fig.7.

2 Installation with adjustment in height on the already existing base in concrete (Fig.3).
By using the plate as drilling template, drill 4 holes, and insert the Ø 10mm steel screw anchors for threaded bars.
Tighten the 4 threaded bars, M10/120mm, and anchor the screw anchors by tightening the nuts "B" to floor with the corresponding washers.
With reference to Fig. 3, position the foundation plate by means of the adjustment nuts "A". After carrying out the required regulations, position the motor as shown in Fig.6, and lock it, as indicated in Fig.7.

3 Installation with adjustment in height on concrete base.
With reference to Fig. 4, fit the stretcher bolts on the foundation plate and provide for a hole of adequate size.
Immerse the stretcher bolts in concrete, then remove the nuts "D" and the 11x30, large band washers "R".
Move them under the plate to allow for regulations in height of the actuator (Fig. 5).
Carry out the regulations shown in Fig. 6 and lock the motor as indicated in Fig.7.

CAUTION: apart from the fitting modality used, carefully check that the actuator is steadily positioned and the materials are suited to the intended use.

4. Rack fixing

Iron rack, 12x30mm.
Position the spacers D by welding or fit them to the gate with screws at 130/150mm height from the centre line of the slot used for fitting to the base on which the foundation plate is to be fixed.

Keep the pitch of teeth between the two parts of the rack; the joining with another piece of rack would make it easier to achieve (see Fig.8)
Secure the rack with the screws V making sure, once the actuator has been installed, that between rack and the drive gear there is always approx. 1mm clearance (see Fig.9); to get this clearance use the slots on the rack.

5. Limit stop flask positioning (see Fig.10)

Open manually the gate and leave approximately of 1÷3cm, depending on gate weight, between gate and positive mechanical stop A; tighten the limit stop flask S with the grains G to press the limit stop micro. Repeat the sequence with closing gate.

6. How to install the magnets(BULL 10M.S - 15M.S - 20M.S) fig.11

The magnets are housed in special supports (fig.11-"A"). These magnets are to be fitted to the limit switch brackets or the rack and cause the triggering of sensors when they approach them.
Fitting onto the limit switch brackets
The bases are complete with hooking tongue allowing the fitting of the magnets to the limit switch bracket supplied with the operator, as shown in Fig.11-B.
This type of fitting allows to rapidly adjust the position of magnets. After calculating the correct distance, fix the support in the correct position by means of a screw, so as to avert the moving of the bracket.
Fitting onto the rack
As an alternative, the supports can be fitted directly to the rack, by using the slots shown in Fig. 11-C. This fitting mode does not allow for subsequent regulations. It is therefore advised to make some trials with temporarily fitted supports before carrying out the final fitting.
IMPORTANT: The correct distance of the magnet with respect to the sensor depends on the installation characteristics. This space cannot be preset and must be adjusted on a trial basis.
The distances regarding the triggering of the sensor (value X) with respect to distance K of 3 and 35 mm, which are shown in Fig. 11 are only indicative.
In any case, distance K must not exceed 35 mm as a higher distance will not allow the triggering of the magnetic sensor.

7. Manual operation (see Fig.12)

In the event of power failure or malfunction, to manually operate the gate proceed as follows:
- After inserting the customized key C, turn it anti-clockwise and pull the lever L.
- The geared motor is unlocked and the gate can be moved by hand.
- To return to the normal operating mode, close the lever L again and manually activate the gate until it is geared.

8. Wire diagram

For the wire connections of the system and to adjust the operating modes, please refer to the Instruction Manual of the control unit.
In particular, the anti-crash device (encoder) should be adjusted according to regulations in force.
Please remember that the device **should be earthed** by means of the appropriate terminal.

CAUTION

The civil liability policy, which covers possible injuries to people or accidents caused by defects in construction, requires the system to be to existing standard and to use original Benincà accessories.

BULL

User's handbook

Safety measures

- Do not stand within the gate movement area.
- Children must not play with controls and near the gate.
- In the event of malfunctions, do not attempt to repair the failure but contact the specialised personnel.

Manual and emergency manoeuvre

In the event of power failure or malfunction, to manually operate the gate proceed as follows:

- After inserting the customized key C, turn it anti-clockwise and pull the lever L.
- The geared motor is unlocked and the gate can be moved by hand.
- To return to the normal operating mode, close the lever L again and manually activate the gate until it is geared.

Maintenance

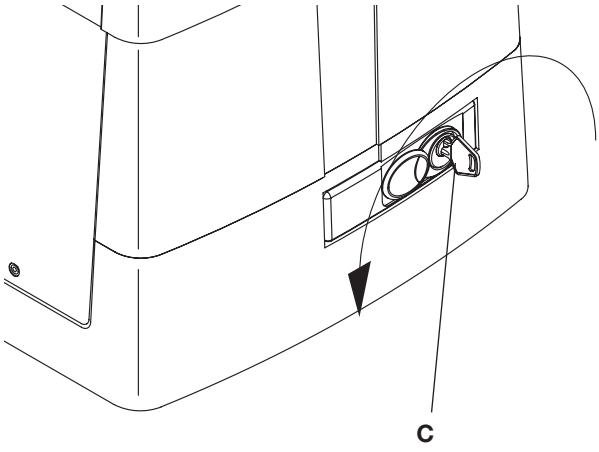
- Every month check the good operation of the emergency manual release.
- It is mandatory not to carry out extraordinary maintenance or repairs as accidents may be caused.These operations must be carried out by qualified personnel only.
- The operator is maintenance free but it is necessary to check periodically if the safety devices and the other components of the automation system work properly. Wear and tear of some components could cause dangers.

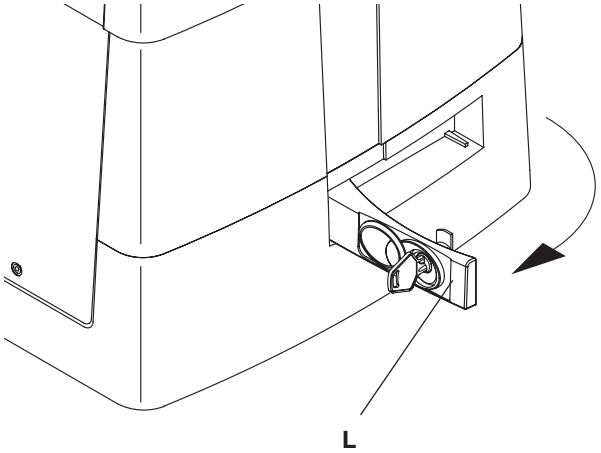
Waste disposal

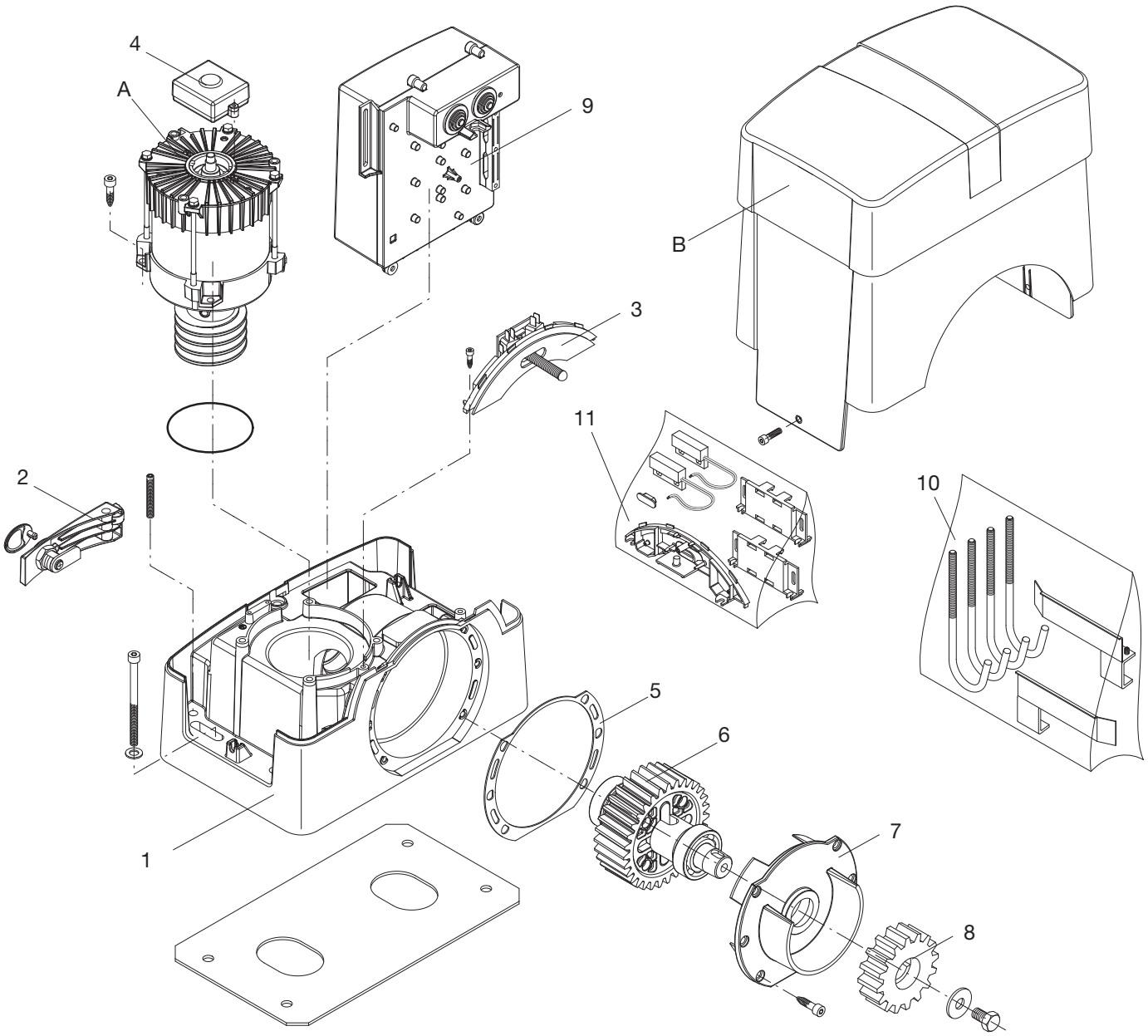
If the product must be dismantled, it must be disposed according to regulations in force regarding the differentiated waste disposal and the recycling of components (metals, plastics, electric cables, etc..). For this operation it is advisable to call your installer or a specialised company.

Warning

All Benincá products are covered by insurance policy for any possible damages to objects and persons caused by construction faults under condition that the entire system be marked CE and only Benincá parts be used.







Ref.	BULL 10M Code	BULL 15M Code	BULL 20M Code	Note
A	9688228	9688229	9688230	
B	9686331	9686331	9686330	
1	9688227	9688227	9688227	
2	9686328	9686328	9686328	
3	9686329	9686329	9686329	
4	9760021	9760021	9760021	MAG.E
5	9686333	9686333	9686333	
6	9686341	9686341	9686341	
7	9686335	9686335	9686335	
8	9686032	9686032	9686032	
9	9688231	9688231	9688231	
10	9686337	9686337	9686337	
11	9688102	9688102	9688102	BULL_S

Dichiarazione CE di Conformità

Dichiarazione in accordo alle Direttive 2004/108/CE(EMC); 2006/95/CE(LVD)

Fabbricante: **Automatismi Benincà SpA**
Indirizzo: **Via Capitello, 45 - 36066 Sandrigo (VI) - Italia**
Dichiara che il prodotto:
Attuatore elettromeccanico per cancelli scorrevoli modello:
BULL 10M - BULL 15M - BULL 20M.
è conforme alle condizioni delle seguenti Direttive CE:

- **DIRETTIVA 2004/108/CE DEL PARLAMENTO EUROPEO E DEL CONSIGLIO** del 15 dicembre 2004 concernente il ravvicinamento delle legislazioni degli Stati membri relative alla compatibilità elettromagnetica e che abroga la direttiva 89/336/CEE, secondo le seguenti norme armonizzate:
EN 61000-6-2:2005, EN 61000-6-3:2007.

- **DIRETTIVA 2006/95/CE DEL PARLAMENTO EUROPEO E DEL CONSIGLIO** del 12 dicembre 2006 concernente il ravvicinamento delle legislazioni degli Stati membri relative al materiale elettrico destinato ad essere adoperato entro taluni limiti di tensione, secondo le seguenti norme armonizzate:
EN 60335-1:2002 + A1:2004 + A11:2004 + A12:2006 + A2:2006 + A13:2008; EN 60335-2-103:2003.

- **DIRETTIVA 2006/42/CE DEL PARLAMENTO EUROPEO E DEL CONSIGLIO** del 17 maggio 2006 relativa alle macchine e che modifica la direttiva 95/16/CE, rispettando i requisiti per le "quasi macchine", secondo la seguente norma: EN13241-1:2003.

- **Automatismi Benincà SpA** dichiara, inoltre, che la documentazione tecnica pertinente è stata compilata in conformità all'allegato VII B della direttiva 2006/42/CE e che sono stati rispettati i seguenti requisiti essenziali: 1.1.1 - 1.1.2 - 1.1.3 - 1.1.5 - 1.2.1 - 1.2.3 - 1.2.6 - 1.3.1 - 1.3.2 - 1.3.3 - 1.3.4 - 1.3.7 - 1.3.9 - 1.5.1 - 1.5.2 - 1.5.4 - 1.5.5 - 1.5.6 - 1.5.7 - 1.5.8 - 1.5.10 - 1.5.11 - 1.5.13 - 1.6.1 - 1.6.2 - 1.6.4 - 1.7.2 - 1.7.4 - 1.7.4.1 - 1.7.4.2 - 1.7.4.3.
- Il produttore si impegna a trasmettere alle autorità nazionali, in risposta ad una motivata richiesta, le informazioni pertinenti sulla "quasi macchina". L'impegno comprende le modalità di trasmissione e lascia impregiudicati i diritti di proprietà intellettuale del fabbricante della "quasi macchina".

- Si comunica che la "quasi macchina" non deve essere messa in servizio finché la macchina finale in cui deve essere incorporata non è stata dichiarata conforme, se del caso, alle disposizioni della direttiva 2006/42/CE.

- Inoltre il prodotto, limitatamente alle parti applicabili, risulta conforme alle seguenti norme:
EN 12445:2002, EN 12453:2002, EN 12978:2003.

Benincà Luigi, Responsabile legale.
Sandrigo, 18/04/2016.

EC Declaration of Conformity

Directive 2004/108/EC(EMC); 2006/95/EC (LVD)

Manufacturer: **Automatismi Benincà SpA.**

Address: **Via Capitello, 45 - 36066 Sandrigo (VI) – Italy**

It is hereby stated that the product
automatic system for sliding gates
BULL 10M - BULL 15M - BULL 20M.
is compliant with provisions set forth in the following EC Directives:

- **DIRECTIVE 2004/108/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL** of 15 December 2004, on the harmonisation of the laws of Member States relating to electromagnetic compatibility and which cancels Directive 89/336/EEC, according to the following harmonised regulations: EN 61000-6-2:2005, EN 61000-6-3:2007.

- **DIRECTIVE 2006/95/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL** of 12 December 2006, on the harmonisation of the laws of Member States relating to electrical equipment designed for use with certain voltage limits, according to the following harmonised regulations: EN 60335-1:2002 + A1:2004 + A11:2004 + A12:2006 + A2:2006 + A13:2008; EN 60335-2-103:2003.

- **DIRECTIVE 2006/42/EC OF THE EUROPEAN PARLIAMENT AND OF THE COUNCIL** of 17 May 2006, on machinery, which amends Directive 95/16/EC, and complies with the requisites for the "partly completed machinery (almost machinery)" set forth in the EN13241-1:2003 regulation.

- Moreover, **Automatismi Benincà Sp**A declares that the pertaining technical documentation has been drawn up in compliance with Attachment VII B of the 2006/42/ EC Directive and that the following requirements have been complied with: 1.1.1 - 1.1.2 - 1.1.3 - 1.1.5 - 1.2.1 - 1.2.3 - 1.2.6 - 1.3.1 - 1.3.2 - 1.3.3 - 1.3.4 - 1.3.7 - 1.3.9 - 1.5.1 - 1.5.2 - 1.5.4 - 1.5.5 - 1.5.6 - 1.5.7 - 1.5.8 - 1.5.10 - 1.5.11 - 1.5.13 - 1.6.1 - 1.6.2 - 1.6.4 - 1.7.2 - 1.7.4 - 1.7.4.1 - 1.7.4.2 - 1.7.4.3.

- The manufacturer undertakes that information on the "partly completed machinery" will be sent to domestic authorities. Transmission ways are also included in the undertaking, and the Manufacturer's intellectual property rights of the "almost machinery" are respected.

- It is highlighted that commissioning of the "partly completed machinery" shall not be provided until the final machinery, in which it should be incorporated, is declared compliant, if applicable, with provisions set forth in the Directive 2006/42/EC on Machinery.

- Moreover, the product, as applicable, is compliant with the following regulations:
EN 12445:2002, EN 12453:2002, EN 12978:2003.

Benincà Luigi, Legal Officer.
Sandrigo, 18 April 2016.

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