REV

Automation for collective and industrial sliding gates up to 1400 kg

For collective and industrial usage

Available in 230V and 24V

Range of irreversible or reversible motors in an oil bath



DEA
move as you like

REV



Additional fan ventilation (230V versions), with magnetic encoder



Control board positioned in a lifted position at the front. Always accessible and perfect for small or narrow spaces



Models available with magnetic limit switches

The reversible models of this operator allow the manual movement of the gate without having to unlock the motor and satisfy some safety measures typical of installations in public contexts.





Compatible with IRONBOX and IRONBOX/XS
vandal-proof box for installations in challenging or industrial environments



Compatible with NETCOM, the device for installation maintenance and remote control management!

REV24/M BOOST	Opening speed	**26 m/min**

Note: the opening speed could decrease according to the installation characteristics

NETLINK
easy Installation, smart management

The DE@NET universal control board makes this operator compatible with NETLINK System.

Models

230V ~ operators with control board, limit switches and encoder

NETLINK

COD.	Art.			DEA		OTHER CHARACTERISTICS
616000	**REV220**	1400 kg*	●●	NET230N	✓	• Self-locking with limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616003	**REV220/M**	1400 kg*	●●	NET230N	✓	• Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616001	**REV220/RF**	1400 kg*	●●●	NET230N	✓	• Not self-locking with brake in opening and closing • Limit switches • Oil bath • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection
616004	**REV220/ RFM**	1400 kg*	●●●	NET230N	✓	• Not self-locking with brake in opening and closing • Magnetic limit switches • Oil bath • Speed adjustment and slow down in opening and closing • Motor control by encoder and obstacle detection

For all models (IB version excluded): control board and fixing plate included
*** If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%**

24V ⎓ operators with control board and limit switches

NETLINK

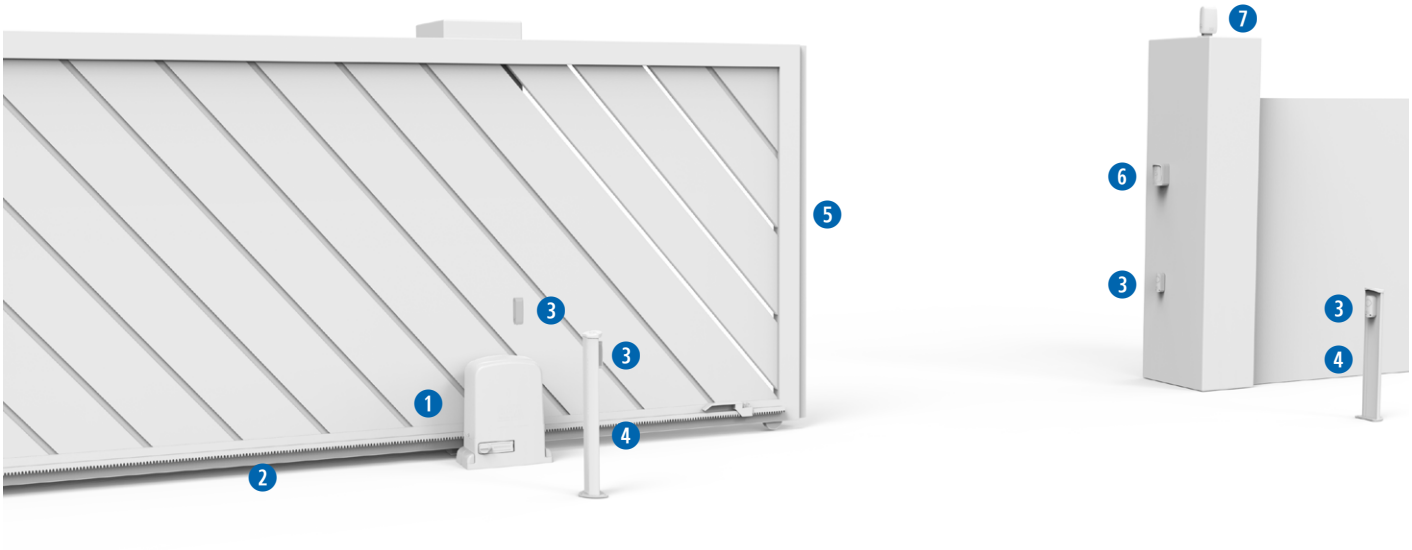
	COD.	Art.			DEA	OTHER CHARACTERISTICS
	616011	**REV24/F**	1400 kg*	●●●	NET24N	• Self-locking with limit switches • Speed adjustment and slow down in opening and closing
	616012	**REV24/M**	1400 kg*	●●●	NET24N	• Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing
NEW	*616025*	**REV24/M BOOST** *Q2 2023*	1200 kg	●●●	NET24N BOOST	• Self-locking • Magnetic limit switches • Speed adjustment and slow down in opening and closing

For all models (IB version excluded): control board and fixing plate included
*** If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%. ATTENTION: Not for use with REV24/M BOOST**

Scan the QR CODE to view all the content we have created on this operator



Example of a typical installation



1 

COD. 616000
Art. REV220
Operator for collective sliding gates

2 

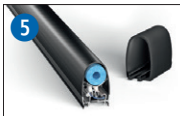
COD. 126000
Art. 113
Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)

3 

COD. 662080
Art. LINEAR/XS
Pair of mini synchronizable photocell for outdoor installation. Maximum range 20m

4 

COD. 664000
Art. PILLY/60
Pair of 55cm column for photocells (2 pcs)

5 

COD. 171035
Art. C-20
Mechanical edge L=2m

6 

COD. 663090
Art. GT-KEY
Metal vandal proof keyswitch with two contacts, surface mounted. Supplied with 2 keys.

7 

COD. 661130
Art. AURA N
LED flashing light, multi-voltage 24V AC-DC/120V AC/230V AC, with integrated antenna 433MHz/868MHz



COD. 672645
Art. GTI4
Serialized white 4-channel remote control, 433 MHz, with 3 coding options: HCS Rolling-Code, Dip-Switch and new D.A.R.T. coding.



COD. 668010
Art. 127
Warning sign

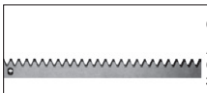
SPECIFIC ACCESSORIES



COD. 619000
Art. 111
Nylon rack, with fixing screws (1m)



COD. 126001
Art. 112
Galvanized steel rack 22x22mm (1m)



COD. 126000
Art. 113
Galvanized steel rack 30x12mm with zinc-plated spacers and fixing screws (1m)



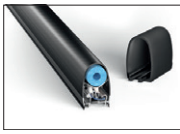
COD.619041
Art. 451
Unlocking device kit for REV (4,5m). To be used in connection with BLINDOS



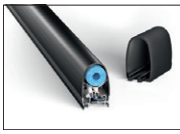
COD. 665000
Art. BLINDOS
Aluminium safety enclosure, with European cylinder, ready for unlocking device by cable.



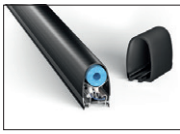
COD. 672920
Art. D-BAND KIT
Wireless transmitter and receiver kit in 868 MHz, for resistive or mechanical safety edges



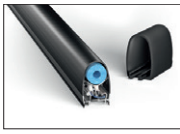
COD. 171035
Art. C-20
Mechanical edge L=2m



COD. 171039
Art. CR-20
Safety resistive edge L=2m according to EN12978



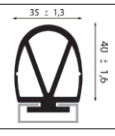
COD. 171034
Art. C-16
Mechanical edge L=1.6m



COD. 171040
Art. CR-25
Safety resistive edge L=2.5m in compliance with EN12978



COD. 171044
Art. CC-20
Conductive edge L=2m



COD. 667053
Art. SOFT3
Safety rubber profile (complete with aluminium base) useful to reduce the impact forces for sliding and swing gates (12m)



COD. 360674
Art. Pignone Z15/IB
Galvanized pinion for IRONBOX M=4 Z=15 Øe=68mm h=60mm



COD. 360673
Art. Pignone Z18/IB
Galvanized pinion for IRONBOX M=4 Z=18 Ø=80mm h=60mm

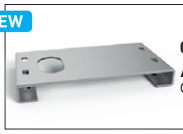


COD. 619090
Art. Pignone Z22*
Oversized pinion for REV M=4 Z=22 Ø=96mm h=30mm



COD. 629290
Art. BAT
Rechargeable batteries kit for 24V operators, 12V - 1,2Ah, complete with wiring cables and fixing plate

NEW



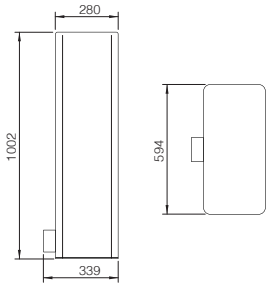
COD. 386830
Art. REV/B
Galvanised foundation plate

* If using an oversized pinion art. Z22, the maximum weight of the leaf should be reduced by 30%

IRONBOX

cod. 619080

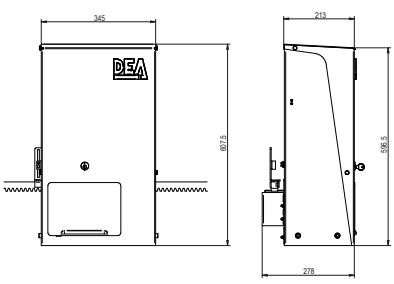
RAL 7016 painted steel vandal-proof box (Colour: RAL 7016) for REV (IB models) with magnetic limit switch (code 619070) and foundation plate.



IRONBOX/XS

cod. 619100

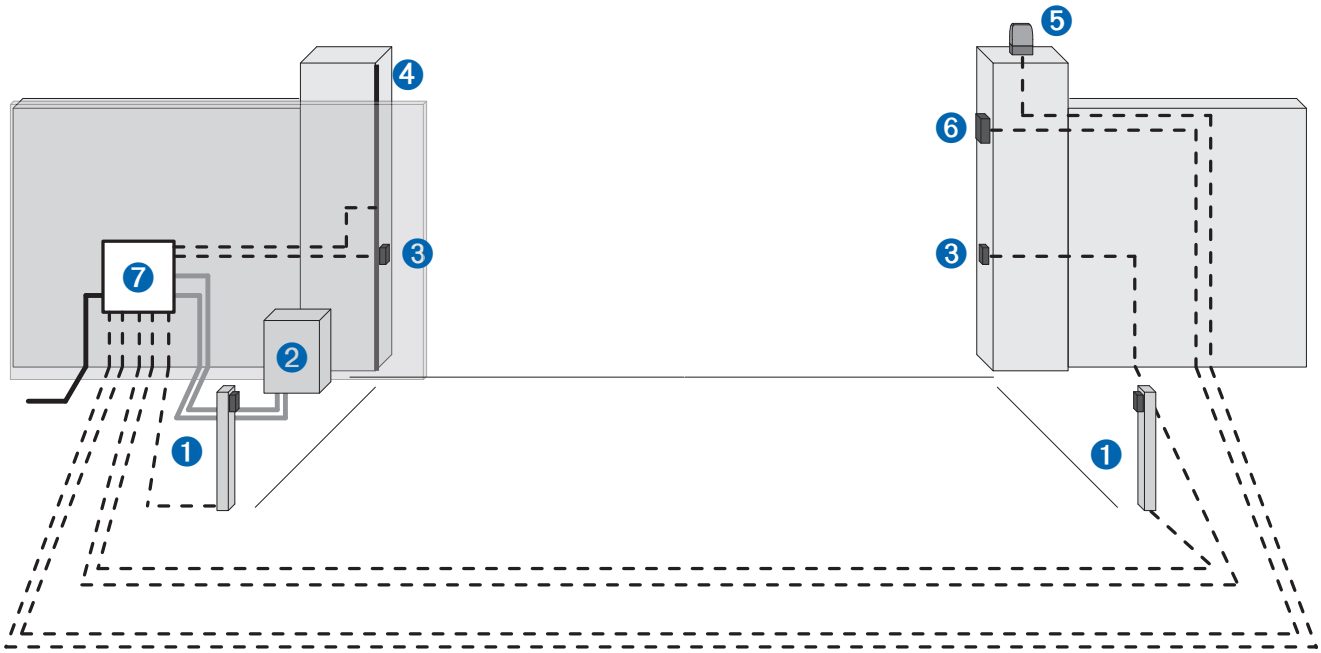
Painted steel vandal-proof box (Colour: Grey MICA P3-197 and RAL 9006) for REV (models IB) with magnetic limit switch (code 619070) and foundation plate.



Technical info

TECHNICAL INFO	REV220 - REV220/M REV220/IB	REV220/RF - REV220/RFM REV220/RF/IB	REV24/F - REV24/M REV24/IB	REV24/M BOOST
Motor power supply (V)	230V ~ ± 10 % (50/60 Hz)		24V ⎓	
Maximum power absorption (W)	500		250	800
Max thrust (N)	900	1200	450	861
Leaf max weight (kg)	1400Kg			1200Kg
Duty cycle (cycles/hours) for an 8m leaf length	27 for gates up to 1000kg 22 for gates up to 1400kg		36 for gates up to 1000kg 31 for gates up to 1400kg	22 for gates up to 1200kg
Built-in capacitor (µF)	14	12,5	\	
Operating temperature (°C)	(-20°) - (50°)			
Motor thermal protection (°C)	150		\	
Speed (m/min)	10		12	26
Standard pinion	Z18	Z15	Z18	
Weight with packing (Kg)	18			
Sound pressure (dBA)	< 70			
Protection level	IPX4 (IP44 with magnetic limit switches)			

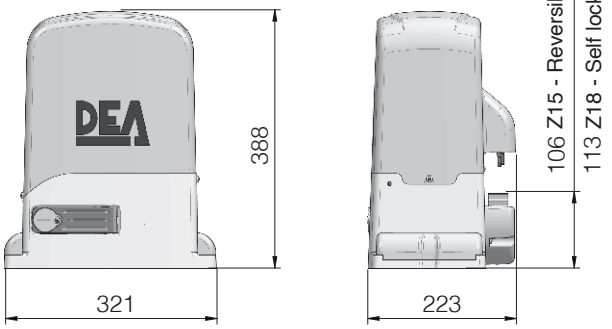
Wiring

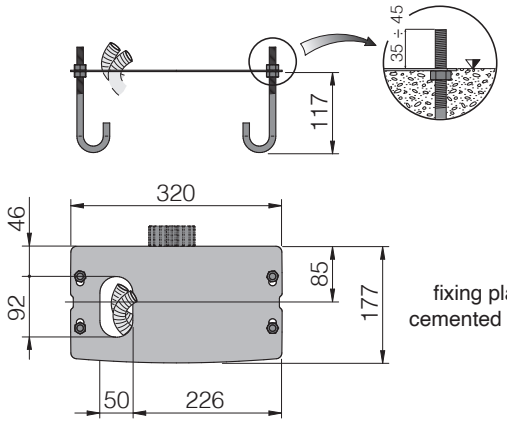


Corrugated pipe for power supply cable
Ø40 corrugated pipe for connection between the control board and the junction box
Ø20 corrugated pipe or external PVC conduit for connection between the control board and the command and safety accessories

pos.	description
1	Column with photocell
2	Operator
3	Photocells
4	Safety edge
5	Flashing light
6	Keyswitch / Digikey
7	Junction box

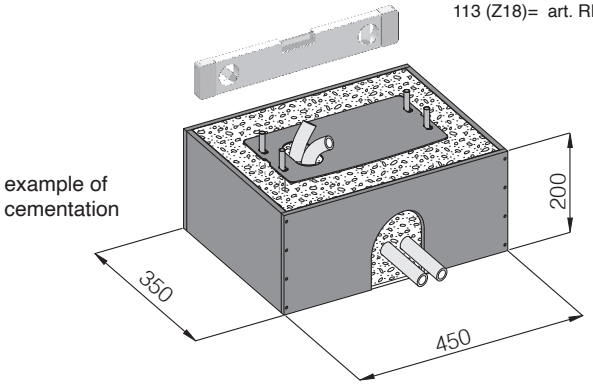
Dimensions

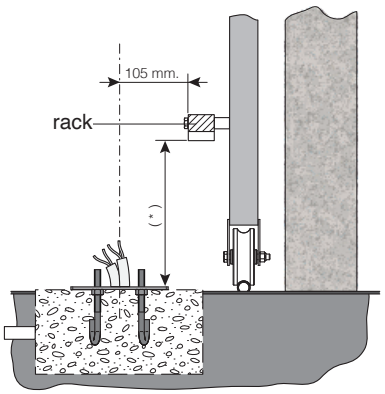




fixing plate to be cemented or screwed

106 (Z15)= art. REV220/RF - REV220RFM
113 (Z18)= art. REV220 - REV220/M





*

Z15 - Reversible	100 mm
Z18 - Self locking	106 mm

DEAuser

DEAuser is the app for **private users** that allows activation of automation at **close proximity** via Bluetooth.

By installing NET-NODE on all devices with NETLINK technology, you can control your gate through your smartphone.

To be used with:



Art.NET-NODE 2.0
Cod. 677642





Google play

Download on the App Store

DEAinstaller

DEAinstaller is the App dedicated to the **professional installer** and allows Installers to program and manage DEA automations on-site in a simple and intuitive way from their smart devices.

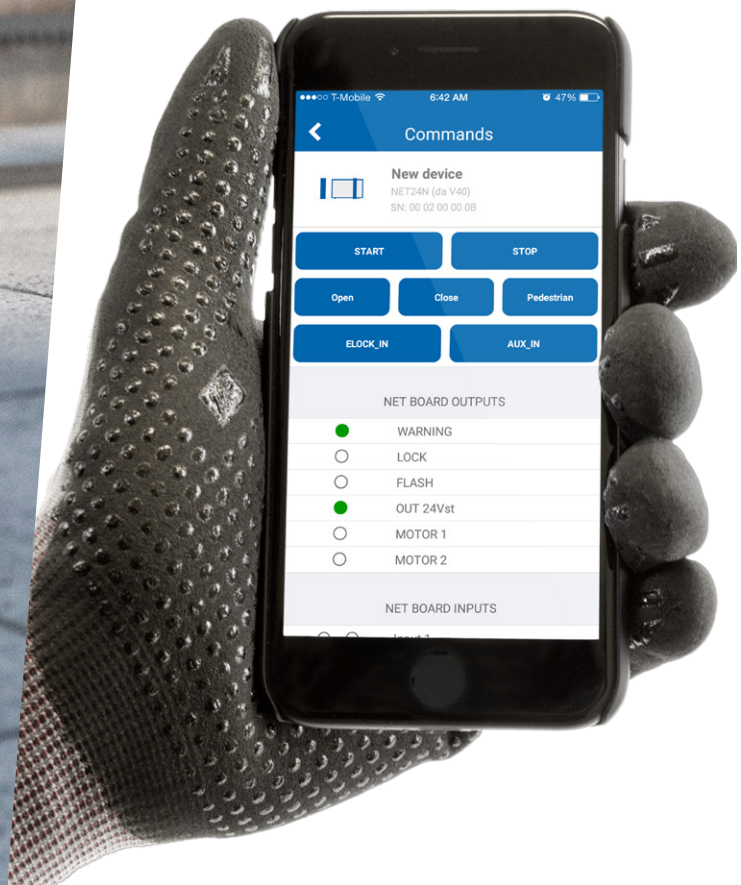
If you use it with the NET-NODE you can:

- ☑ keep a **data backup** of all your installations
- ☑ easily adjust the **parameters** of your control boards
- ☑ update the **firmware**
- ☑ program the **maintenance**
- ☑ manage or customise the **remotes**
- ☑ read **technical manuals** or have a look at the **electrical connections**
- ☑ control the **inputs** and **output** of the control boards
- ☑ **control** the automation with the App

To be used with:



Art.NET-NODE 2.0
Cod. 677642



Google play

Download on the App Store

Generic accessories



AURA/N
cod. 661130



LINEAR XS
cod. 662080



LINEAR
cod. 662044



COVER/2
cod.681060



LINEAR SHIELD
cod. 662047



PILLY 60 -120
cod. 664000 - 664010



DIGIPRO
cod. 663310



DIGISLIM
cod. 663311



GT-KEY
cod. 663090

NEW



DIGIRAD/N
cod. 663320



BAT/LIVI 3-6-9/24
cod. 629291



GTI2-GTI4
cod. 672635 - 672645



GTI2M-GTI4M
cod. 672603 - 672613



BLINDOS
cod. 665000

#safeasyoulike!

Non-copyable remotes!

GTI remotes are multi-function.
They have three coding possibilities:
DIP SWITCH, Rolling Code and D.A.R.T.
the new DEA advanced coding.

You can customise the code of the remotes to guarantee the maximum security to your customer.

D. DEA
A. Advanced
R. Rolling Code
T. Transmission

Looking for **total safety**?
With **NET-BOX** each installer can customise the code of your GTI remotes.





#colourasyoulike!

Choose your favorite colour!

GTI remotes can be customised with button kits in seven colours: green, light green, blue, pink, yellow, orange and purple.

- GREEN
- LIGHT GREEN
- BLUE
- PINK
- YELLOW
- ORANGE
- PURPLE

Note: button kits are supplied in packs of 5. The remote must be ordered separately.



NETLINK

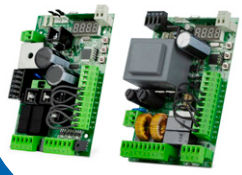
is our technology applied to DEA devices for the smart management of your installations, both **locally** and **remotely**.

NET-COM



The device for the managing installations remotely.

DE@NET



All DE@NET boards are compatible with NETLINK technology

DEA CLOUD

NET-NODE 2.0



The device for managing installations locally.

NET-BOX



The device for managing remotes from your office.

DEA User & DEA Installer



DEAinstaller: the App for creating and managing each installation directly from your smartphone.

DEAuser: the App for opening and closing your DEA gate with just one touch, locally.

Our range

Automations for sliding gates


LIVI/N


REV

NEW


GULLIVER/N

Automations for sectional doors


SPACE/N

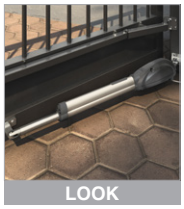

ADVANCE/N


LIVI 902

Automations for swing gates


MAC


STING


LOOK


GEKO


LIVI 502


GHOST 100/200


OLI/N

Automations for industrial gates


LATO


550 PL

Barriers


PASS/N


STOP/N

NEW


TRAFIK/N

Bollards


ROCK

move as you like

HEADQUARTER
DEA SYSTEM S.p.A.
Via della Tecnica, 6 - 36013 Piovene Rocchette (VI) - ITALY
+ 39.0445.55.07.89 - + 39.0445.55.02.65
info@deasystem.com - www.deasystem.com

Branches > Italia.France.United Kingdom.Ireland.España.
Portugal.Polska.Deutschland.Беларусь

> HEAD OFFICE
DEA System UK & IRE
Sandholes Road - Cookstown - Co. Tyrone
BT80 9AR - IRELAND
+ 44 (0)28 8676 6476 - + 44 (0)28 8676 2414
info@deasystem.net

DEA System UK & IRE
Unit 29-31 - The IO Centre - Hearle Way - Hatfield -
Hertfordshire AL10 9EW - UNITED KINGDOM
+ 44 (0)1707 246 599
contact@deasystem.net