



AUTOMAZIONI IN MOVIMENTO

ROGER
TECHNOLOGY
PROGETTISTI DI TECNOLOGIA

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Welcome in the world...
ROGER TECHNOLOGY



2000
via S. Botticelli, 8 - Mogliano V.to - Treviso - ITALIA

1975
Start-up



2000
Company



2004
Production



AUTOMATION IN MOVEMENT



Welcome in the world of advanced automation where you can breathe in a high tech atmosphere every day...in our world, the world of ROGER TECHNOLOGY.

INNOVATION IS OUR PHILOSOPHY

High tech and research dedicated to the automation. welcome in the world of Roger Technology, where fast and dynamic professional development allowed to the company to become one of leading actors of the automation market. At the beginning, supplying excellent complete electric motors to majors european brands. The company progress allowed to realize a complete products projecting. Now, the company realizes an advanced production, in which every step is executed with the greatest care for detail: from the selection of projectual step to research of sophisticated technology through the selection of the right raw material to achieve the right standard.

REALIZE NEW PROJECTS

Minds that think up ideas, hand ready to develop drawings. The study starts here for the development of new projects to satisfy different needs. From the technology we realize the patented electrical solutions for automations. Roger Technology looks at the future through a steady research to achieve an efficiency solutions through new materials studied in according to environment and safety rules.

The Florian brothers:

Dino, Primo, Renato Florian

PROJECT, **QUALITY** , ERGONOMICS



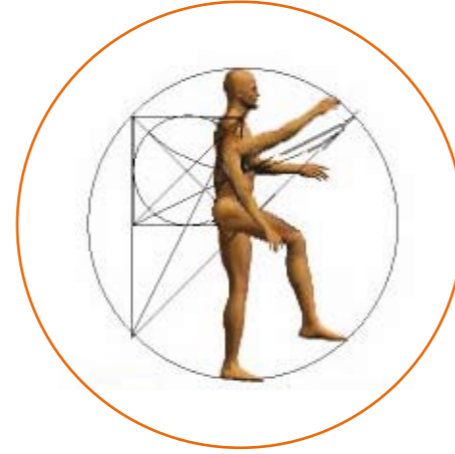
MISSION: LOOK OVER THE PROJECT

The earth of the company, is the location where we develop the project. These projects are created through research and study. Intelligent products, attractive outside, magnificent inside.



QUALITY AND TECHNOLOGY

Quality, safety, duration and research. Only the products who meet these characteristics are considered a Roger Technology products. These products are the result of an investment in qualified human resources, continuous research in buying raw material and respect of safety rules.

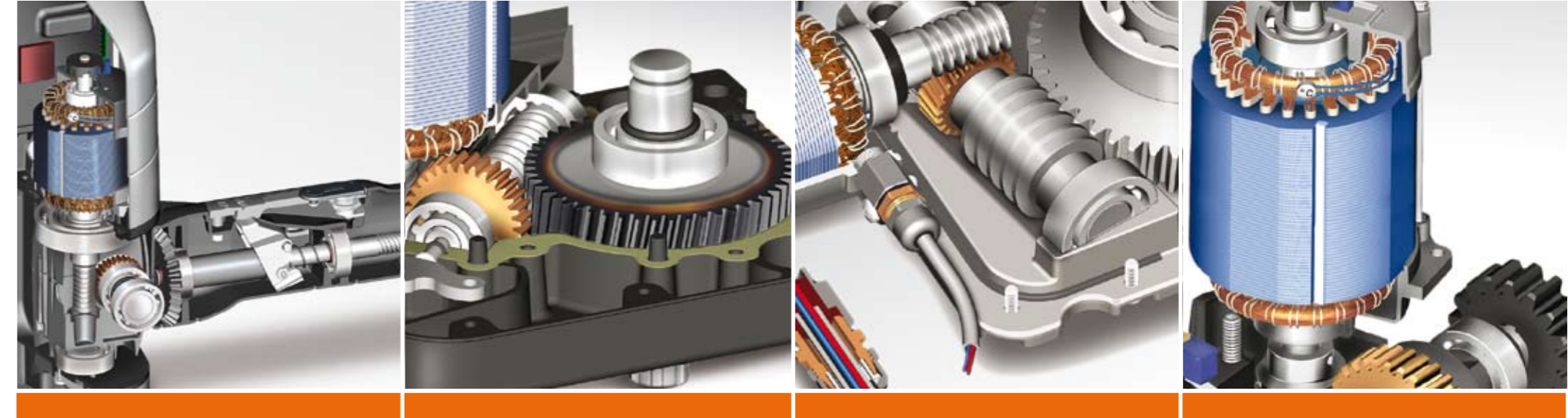


 Roger Security

ROGER ERGONOMICS

Safety first of all. Every Roger Technology projects are studied in all details of safety rules. Internal tests allow to verify and to warrant all mechanicals movements and motor resistance to the different atmospheric conditions. These automations are created considering every request, concerning different model of gates, doors, dimensions.

BUILDING **ROGER** PHILOSOPHY



SAFETY CONNECTIONS

Every connection revolves around the motor. 11 ball-bearings allow a correct and safety movement. The worm screw is made from a single steel rod. The lack of joints ensures high rigidity and total transmission of force.

HARDENED STEEL

The gear subject to most stress undergoes heat treatment to make it strong and tough. The worm screw in special steel with precision finishing and hardening of the thread. The transmission of movement is entrusted to the spline shaft with uni 221 profile, which ensures excellent mating.

ALUMINIUM WITH TITANIUM

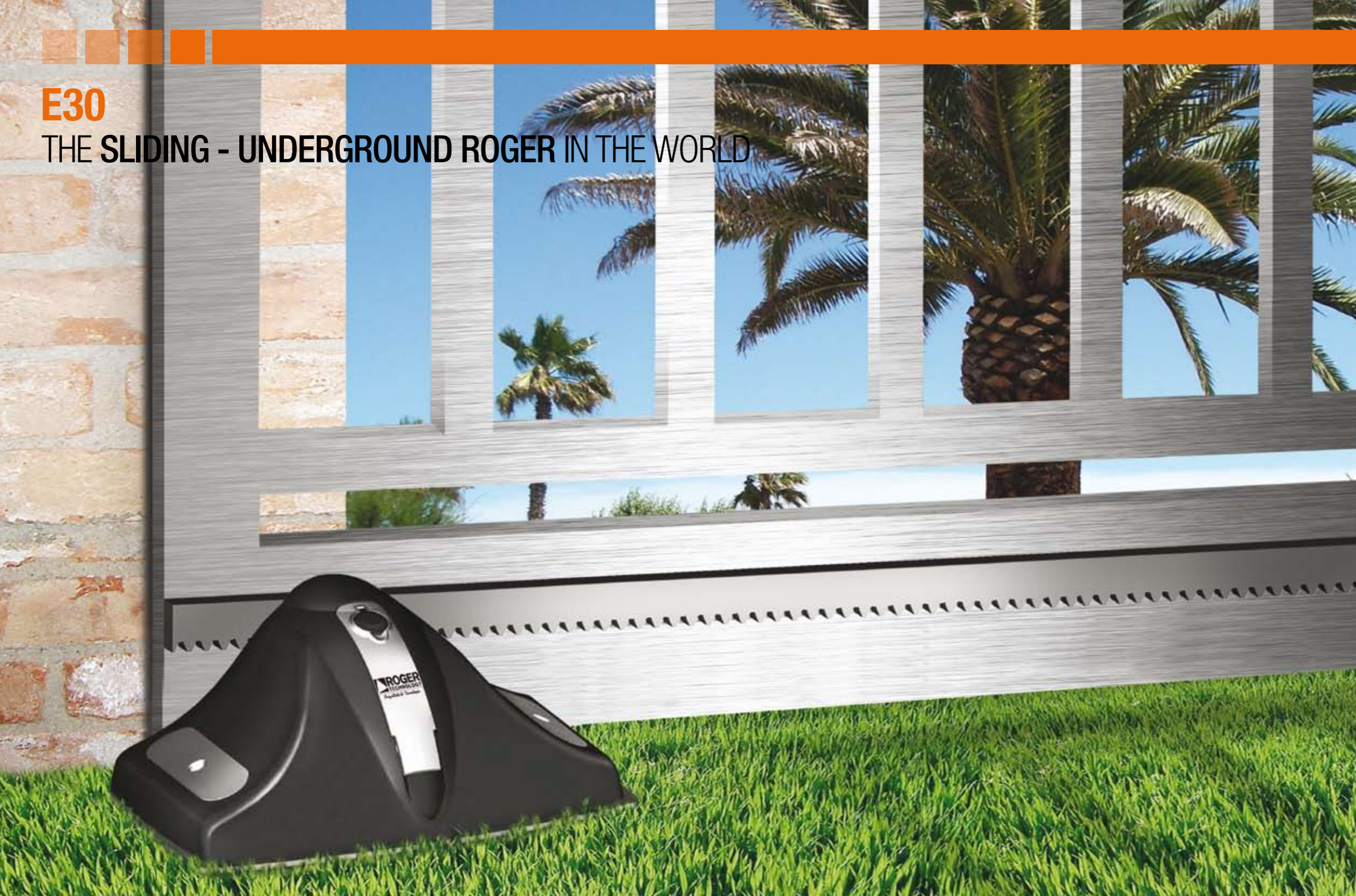
Melting with titanium in controlled atmosphere results in highly compact pieces that are more waterproof. Cable tray in steel and brass sealed with epoxy resins. The 150mm diameter main gear is made in cast iron with structure in spheroidal graphite and is designed also for heavy duty. Even the small things are important and so all the assembling screws are in stainless steel.

EVERYTHING IN PLACE

Two seals ensure perfect tightness with regard to the grease inside the reduction gear and at the same time keep water out. Bronze crown gear and steel worm screw with precision finishing and hardening of the thread to ensure perfect, low noise and durable mating. All the housings of the bearings and the motor assembly are turned and ensure long-lasting constant, perfect and silent rotation.

E30

THE SLIDING - UNDERGROUND ROGER IN THE WORLD



SLIDING SERIES

Roger automations for sliding gates are projected in 4 different versions, they depend on design and gate weight. M30 series is indicated for gates up to 300 kg. H30 series is indicated for gates up to 400/600 kg. R30 series is indicated for gates up to 800/1200 kg and finally G30 series is indicated for gates up to 1500/1800/2200 kg. All models are available with mechanical or magnetic limit switch.

E30 SLIDING-UNDERGROUND

The new philosophy of underground automation, created by Roger Technology for sliding operators. It is born a new automation concept for different used (underground and sliding), with one aim: allow a sliding opening of the gate by an automation with small dimension. Electro-mechanical reduction gear with the main structure in die-cast aluminium, underground motor with foundation box.



E30 P_10



M30 P_12



H30 P_14



R30 P_16



G30 P_18

RANGE E30 SLIDING - UNDERGROUND GATE

CONDOMINIUM SOLUTION

Electro-mechanical reduction gear, for sliding gates weighing 800 kg. The main structure is in die-cast aluminium with limited space; underground motor, with foundation box.



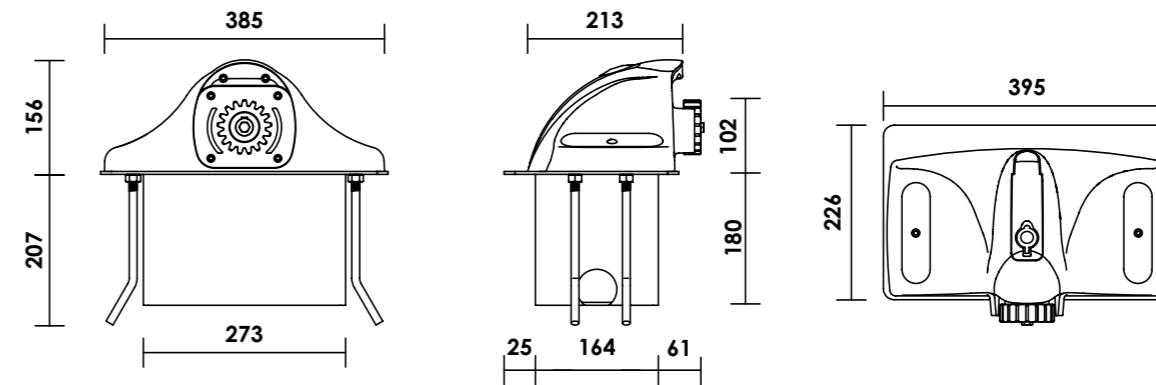
VERSIONS

- E30/800** 230 V • encoder • magnetic limit switch • without cold galvanisez steel foundation box • without electronic
- E30/801** 230 V • encoder • magnetic limit switch • without cold galvanisez steel foundation box • without electronic
- FU800** cold galvanisez steel foundation box

SPECIFICATIONS

		E30/801
POWER SUPPLY	V	230/50Hz
RATING	W	350
THRUST	N	500
PROTECTION RATING	IP	43
JOGGING	%	50
MOTOR OVERLOAD CUTOUT	°C	150
WORKING TEMPERATURE	°C	-20+70
SPEED	m/min	9,5
MAX. GATE WEIGHT	kg	800

SIZE AND LIMITATIONS OF USE



B x H x D	
base	395 mm
height	363 mm
deph	226 mm

RANGE M30 SLIDING GATE

FAST PERFORMANCE

Electro-mechanical reduction gear available in two versions, for sliding gates weighing up to 300 kg. The main structure is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.

VERSIONS

M30/323 230V • with built-in control unit • gate stop

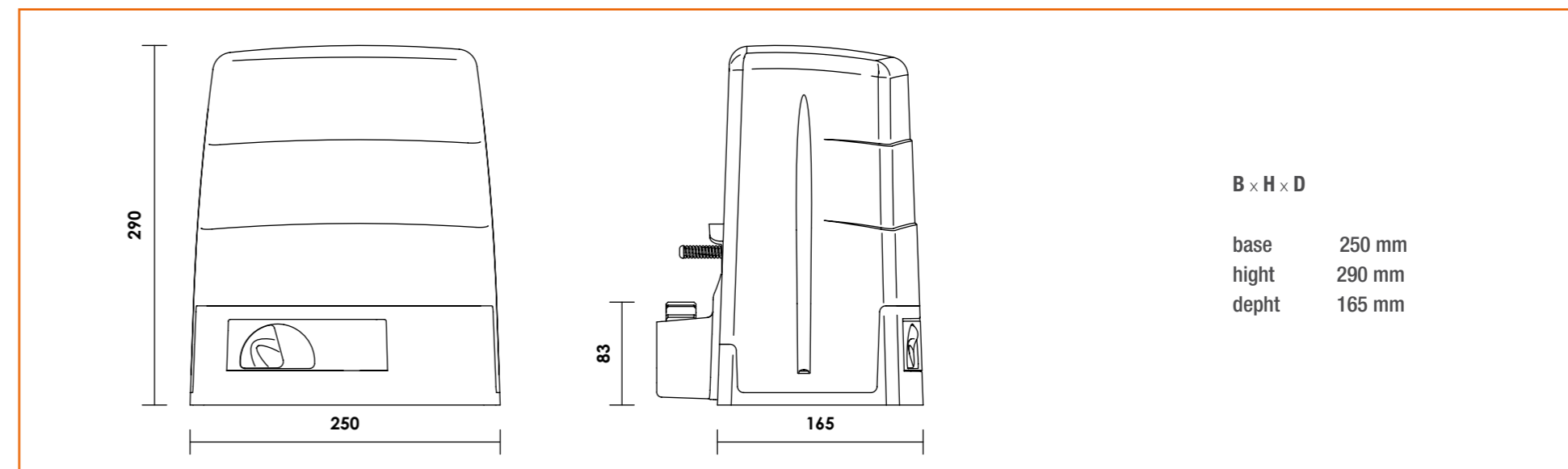
M30/324 230V • with built-in control unit • magnetic gate stop



SPECIFICATIONS

M30		M30/323 M30/324
POWER SUPPLY	V	230
RATING	W	210
THRUST	N	250
JOGGING	%	50
MOTOR OVERLOAD CUTOUT	°C	150
WORKING TEMPERATURE	°C	-20+70
SPEED OF MOVEMENT	m/min	9,5
MAX. GATE WEIGHT	kg	300

SIZE AND LIMITATIONS OF USE



RANGE H30 SLIDING GATE

SPECIAL PERFORMANCE

Electro-mechanical reduction gear available in four versions, for sliding gates weighing up to 600 kg. The main structure is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.

VERSIONS

H30/423 230V • with built-in control unit • gate stop

H30/424 230V • with built-in control unit • magnetic gate stop

H30/603 230V • with built-in control unit • gate stop

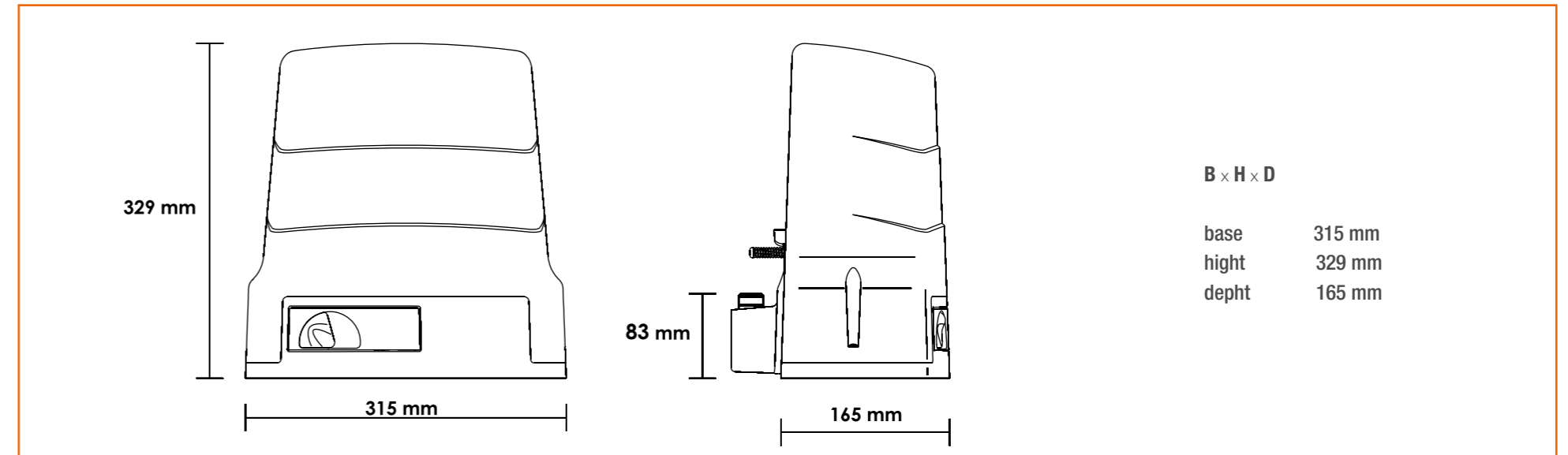
H30/604 230V • with built-in control unit • magnetic gate stop



SPECIFICATIONS

		H30/423 H30/424	H30/603 H30/604
H30			
POWER SUPPLY	V	230	230
RATING	W	210	260
THRUST	N	250	320
JOGGING	%	50	50
MOTOR OVERLOAD CUTOUT	°C	150	150
WORKING TEMPERATURE	°C	-20+70	-20+70
SPEED OF MOVEMENT	m/min	9,5	9,5
MAX. GATE WEIGHT	kg	400	600

SIZE AND LIMITATIONS OF USE



RANGE R30 SLIDING GATE

NOTHING SPARED FOR PERFORMANCE

Motoriduttore elettromeccanico realizzato in cinque versioni, per cancelli scorrevoli da 800, 1200 kg di peso. La struttura principale è realizzata in alluminio pressofuso, verniciata a forno con resine epossidiche specifiche per esterno.

VERSIONS

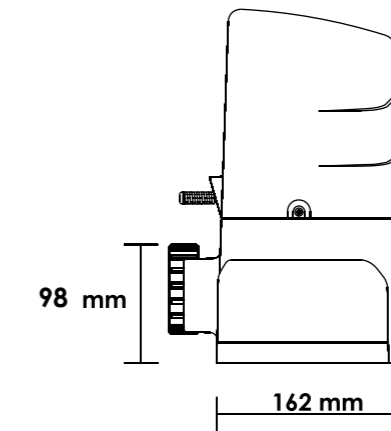
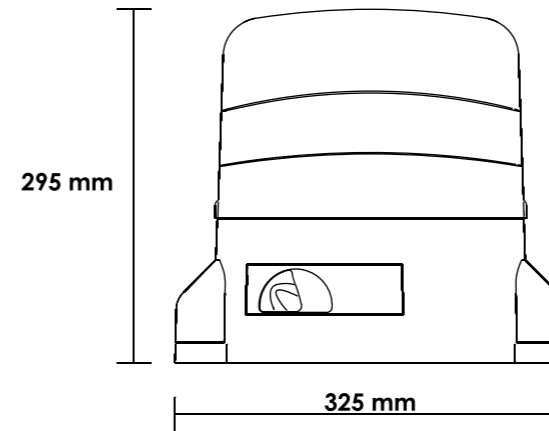
- R30/803** 230V • with built-in control unit • gate stop
- R30/804** 230V • with built-in control unit • magnetic gate stop
- R30/1203** 230V • with built-in control unit • gate stop
- R30/1204** 230V • with built-in control unit • magnetic gate stop
- R30/1209** three-phase 380V • with built-in control unit • gate stop



SPECIFICATIONS

		R30/803 R30/804	R30/1203 R30/1204	R30/1209
R30				
POWER SUPPLY	V	230	230	380
RATING	W	350	420	450
THRUST	N	500	800	850
JOGGING	%	50	50	50
MOTOR OVERLOAD CUTOUT	°C	150	150	150
WORKING TEMPERATURE	°C	-20+70	-20+70	-20+70
SPEED OF MOVEMENT	m/min	9,5	9,5	9,5
MAX. GATE WEIGHT	kg	800	1200	1200

SIZE AND LIMITATIONS OF USE



B x H x D

base	325 mm
hight	295 mm
deph	162 mm

RANGE G30 SLIDING GATE

STURDY AND POWERFUL FOR LARGES APERTURES

Electro-mechanical reduction gear available in seven versions, for sliding gates weighing 1500, 1800, 2200 kg. The main structure is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.

VERSIONS

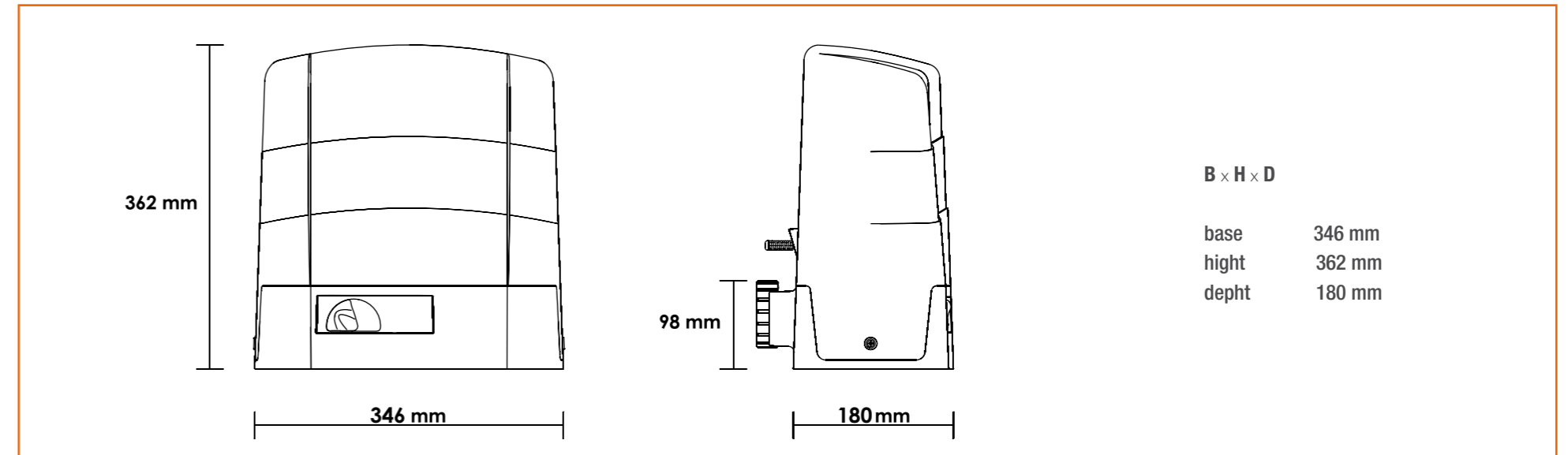
- G30/1503** 230V • with built-in control unit • gate stop
- G30/1504** 230V • with built-in control unit • magnetic gate stop
- G30/1803** 230V • with built-in control unit • gate stop
- G30/1804** 230V • with built-in control unit • magnetic gate stop
- G30/2203** 230V • with built-in control unit • gate stop
- G30/2204** 230V • with built-in control unit • magnetic gate stop
- G30/2501** three-phase 380V • with built-in control unit • gate stop



SPECIFICATIONS

		G30/1503 G30/1504	G30/1803 G30/1804	G30/2203 G30/2204	G30/2501
G30					
POWER SUPPLY	V	230	230	230	380
RATING	W	480	520	580	630
THRUST	N	1050	1200	1500	1650
JOGGING	%	50	50	50	50
MOTOR OVERLOAD CUTOUT	°C	150	150	150	150
WORKING TEMPERATURE	°C	-20+70	-20+70	-20+70	-20+70
SPEED OF MOVEMENT	m/min	9,5	9,5	9,5	9,5
MAX. GATE WEIGHT	kg	1500	1800	2200	2500

SIZE AND LIMITATIONS OF USE



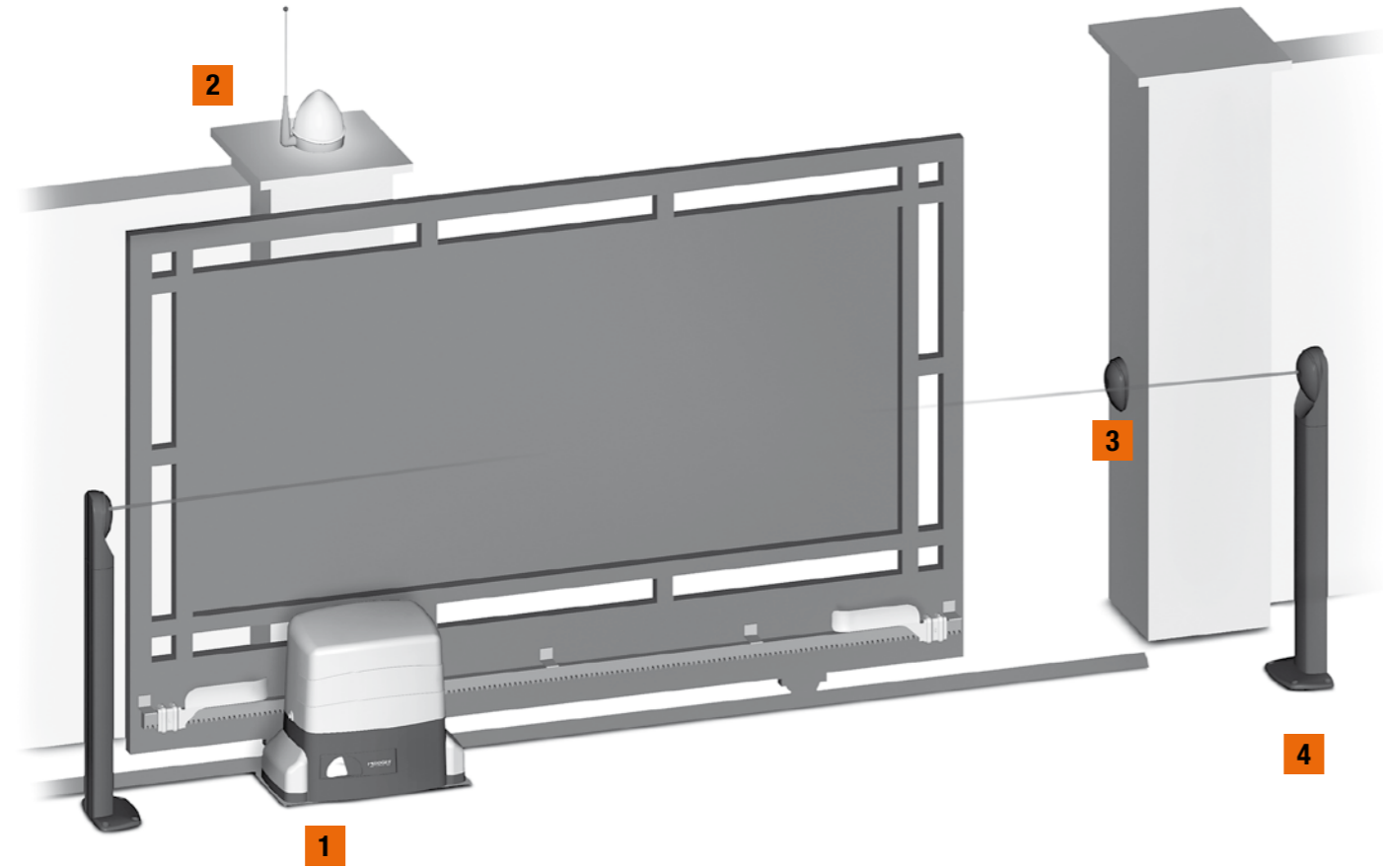
ACCESSORIES SLIDING GATE

* ONLY FOR CONTROL UNIT H70/100AC

	GA 550	GA 551	GA 552	GA 553	MC 751 MC 762*	MC 752 MC 763*	MC 573 MC 764*	MC 754 MC 765*	KT 210	KT 211	KT 212	KT 213	MC 758	MC 759	MC 760	MC 761	KT 214	KT 215	KT 223
RANGE E30	•	•	•	•															
RANGE M30	•	•	•	•									•	•	•	•			•
RANGE H30	•	•	•	•	•	•	•	•									•		
RANGE R30	•	•	•	•	•	•	•	•	•	•	•	•							
RANGE G30	•	•	•	•	•	•	•	•										•	

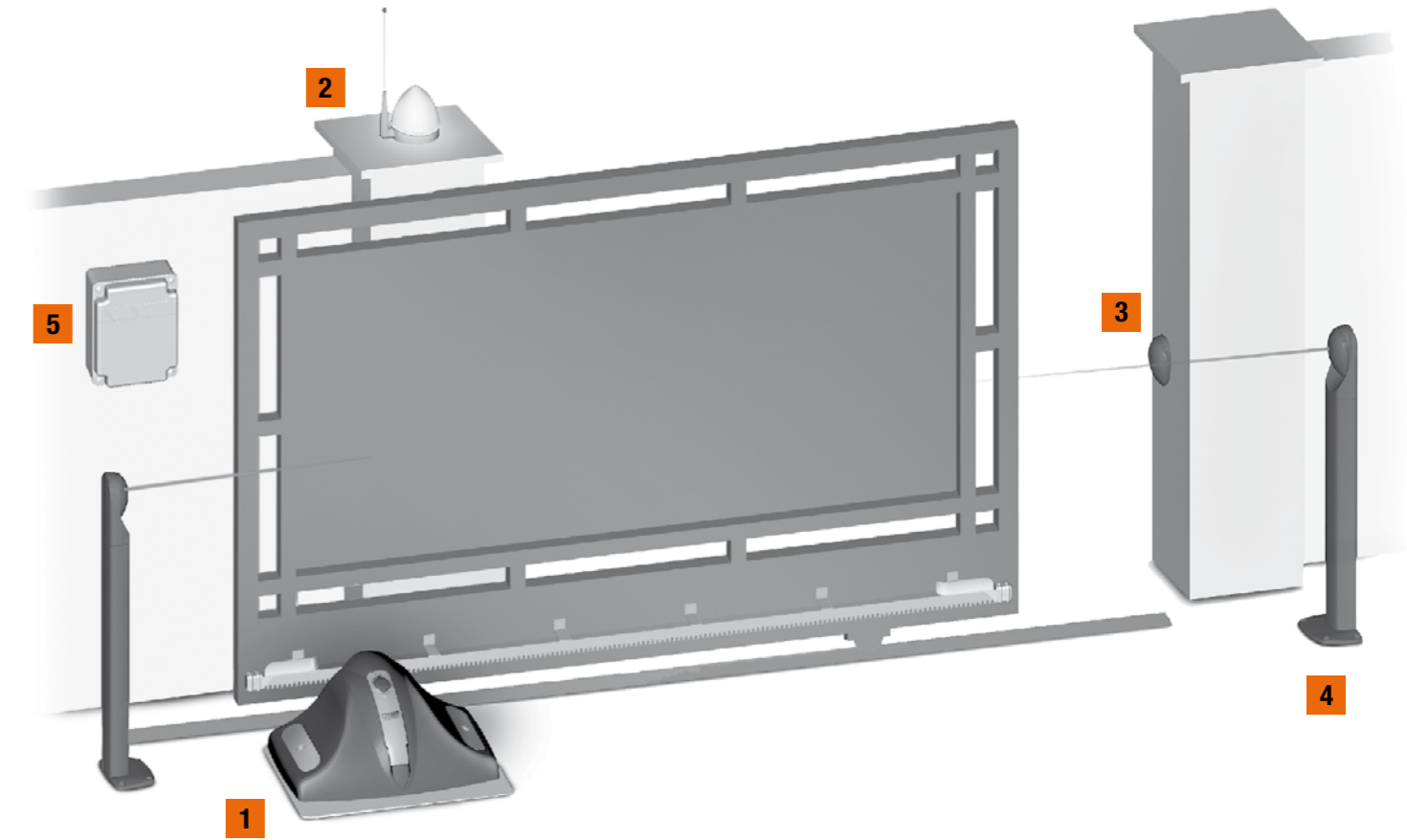
INSTALLATION FOR SLIDING GATE

- 1 SLIDING AUTOMATION
- 2 FLASHING LIGHT WITH ANTENNA
- 3 WALL-MOUNTED PHOTOCELLS
- 4 COLUMN-MOUNTED PHOTOCELLS



INSTALLATION FOR SLIDING - UNDERGROUND GATE

- 1 SLIDING-UNDERGROUND AUTOMATION
- 2 FLASHING LIGHT WITH ANTENNA
- 3 WALL-MOUNTED PHOTOCELLS
- 4 COLUMN-MOUNTED PHOTOCELLS
- 5 CONTROL UNIT



KIT H30 - M30 SLIDING GATE



KIT H30

- 1 motor H30/... with control unit built in
- 2 remote control H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver H93/RX22/I
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS KIT H30

- **KIT H30/425** swing gate automation up to 400 kg • mechanical limit switch
- **KIT H30/426** swing gate automation up to 400 kg • magnetic limit switch
- **KIT H30/605** swing gate automation up to 600 kg • mechanical limit switch
- **KIT H30/606** swing gate automation up to 600 kg • magnetic limit switch



KIT M30

- 1 motor M30/... with control unit built in
- 2 remote control H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver H93/RX22/I
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS KIT M30

- **KIT M30/325** sliding automation up to 300 kg • mechanical limit switch
- **KIT M30/326** sliding automation up to 300 kg • magnetic limit switch

KIT R30 SLIDING GATE



KIT R30

- 1 motor R30/... with control unit built in
- 2 remote control H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver H93/RX22/I
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS KIT R30

- **KIT R30/805** swing gate automation up to 800 kg • mechanical limit switch
- **KIT R30/806** swing gate automation up to 800 kg • magnetic limit switch
- **KIT R30/1205** swing gate automation up to 1.200 kg • mechanical limit switch
- **KIT R30/1206** swing gate automation up to 1.200 kg • magnetic limit switch

G20

THE SWING GATE ROGER IN THE WORLD



SWING SERIES

Roger automations for swing gates are projected in 7 different versions, arms, articulated arms, underground. The new one is the G20, with an exclusive design. The profile is created in different colours. The 7 versions are the following: H20-G20-R20 swing operators, R23, H23, G23 articulated arms operators and R21 underground operators with foundation box.



RANGE R20 SWING GATE

STURDY ELECTRO-MECHANICAL SYSTEM

Electro-mechanical reduction gear available in 8 versions, for hinged gates up to 5 metres wide at the most. The main frame is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.

VERSIONS

R20/300 230V irreversible • short fast 1 micro

R20/301 230V irreversible • short fast 2 micro

R20/302 230V irreversible • short slow 1 micro

R20/303 230V irreversible • short slow 2 micro

R20/500 230V irreversible • long fast 1 micro

R20/501 230V irreversible • long fast 2 micro

R20502 230V irreversible • long slow 1 micro

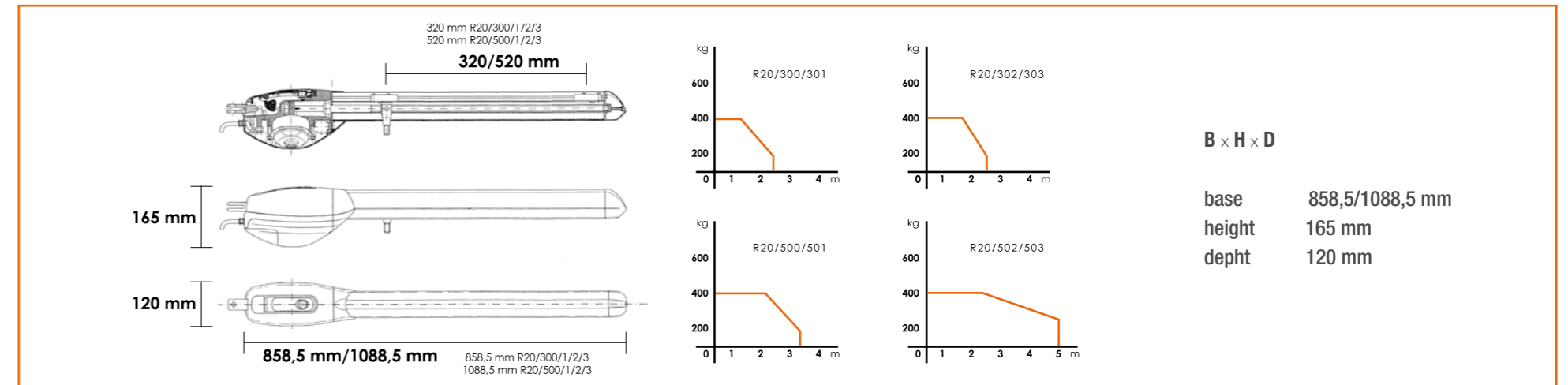
R20/503 230V irreversible • long slow 2 micro



SPECIFICATIONS

		R20/300 R20/301	R20/302 R20/303	R20/500 R20/501	R20/502 R20/503
R20					
POWER SUPPLY	v	230 AC 50 HZ	230 AC 50 HZ	230 AC 50 HZ	230 AC 50 HZ
RATING	W	200	215	200	215
CURRENT	A	1,1	1,2	1,1	1,2
THRUST	N	2500	2800	2500	2800
TRAVEL	mm	320	320	520	520
TIME FOR OPENING 90°	s	19"	28"	27"	42"
JOGGING	%	40	40	40	40
MOTOR OVERLOAD CUTOUT	°C	140	140	140	140
WORKING TEMPERATURE	°C	-20+70	-20+70	-20+70	-20+70
PROTECTION RATING	IP	43	43	43	43
WEIGHT	kg	7,2	7,2	7,8	7,8
BUILT-IN CAPACITOR	µF	16	8	16	8
SPEED	cm/s	1,66	1,06	1,66	1,06

SIZE AND LIMITATIONS OF USE



RANGE G20 SWING GATE

MODULAR AND IRRESISTIBLE COLOURS

Electro-mechanical reduction gear for swing gate. The main structure is made in galvanised steel and aluminium. The cover is made in abs with the possibility to choice different colours.



VERSIONS

G20/330 24v • mechanical stop in opening • encoder

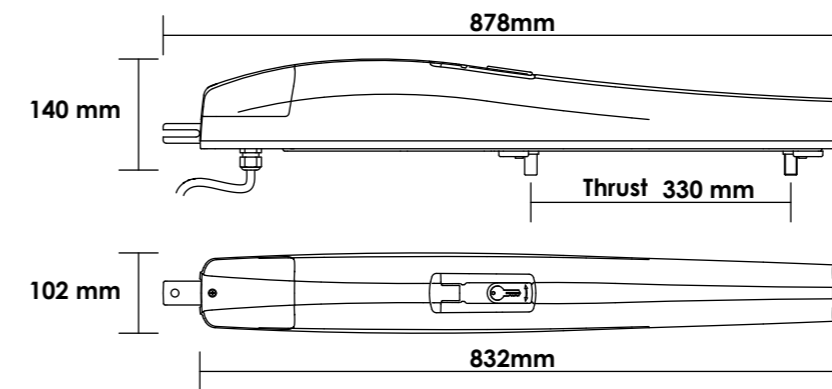
SPECIFICATIONS

G20/330

G20

POWER SUPPLY	V	24
RATING	W	90
THRUST	N	2000
TRAVEL	mm	330
TIME FOR OPENING	s	da 15" a 30"
JOGGING	%	80
WORKING TEMPERATURE	°C	-20+70
PROTECTION RATING	IP	43

SIZE AND LIMITATIONS OF USE



B x H x D

base 878 mm
 high 140 mm
 depth 102 mm

RANGE H20 SWING GATE

NEW ELECTRO-MECHANICAL SYSTEM

Electro-mechanical reduction gear available in 8 versions, for hinged gates up to 5 metres wide at the most. The main frame is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.



VERSIONS

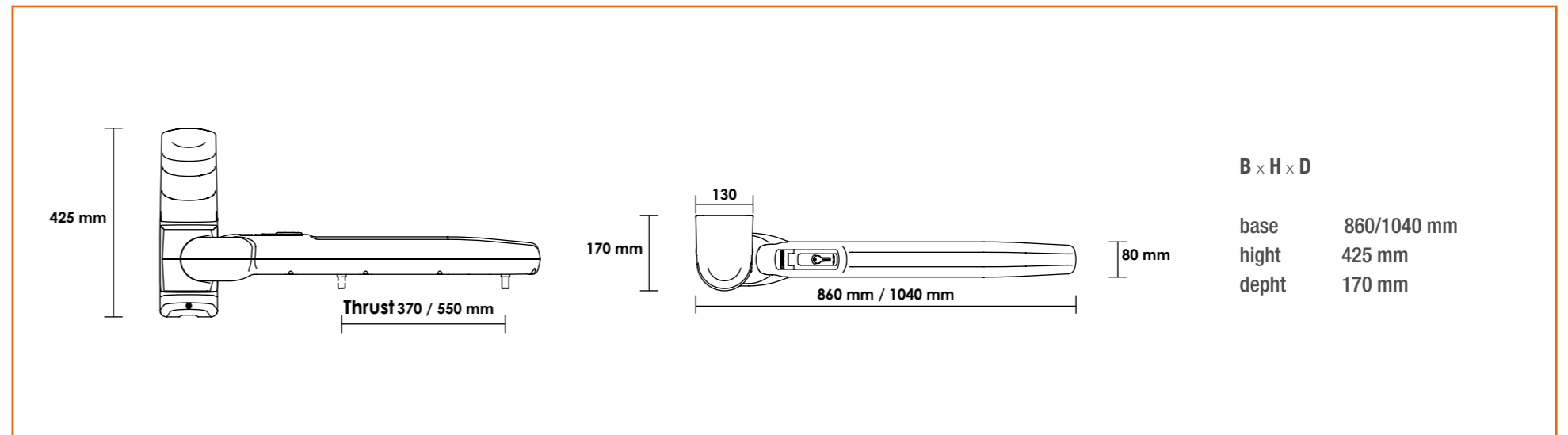
- H20/370** short fast • without control unit • with encoder
- H20/371** short slow • without control unit • with encoder
- H20/372** short fast • with control unit • with encoder
- H20/375** short slow • without electronic
- H20/376** short slow • with electronic master
- H20/377** short slow • with electronic slave

- H20/550** long fast • without electronic
- H20/551** long fast • with electronic master
- H20/552** long fast • with electronic slave
- H20/555** long slow • without electronic
- H20/556** long slow • with electronic master
- H20/557** long slow • with electronic slave

SPECIFICATIONS

		H20/370 H20/372	H20/371 H20/373	H20/550 H20/552	H20/551 H20/553
H20					
POWER SUPPLY	v	230 AC 50 HZ	230 AC 50 HZ	230 AC 50 HZ	230 AC 50 HZ
POTENZA NOMINALE	W	200	215	200	215
CURRENT	A	1,1	1,2	1,1	1,2
THRUST	N	2500	2800	2500	2800
TRAVEL	mm	370	370	550	550
TIME FOR OPENING FOR 90°	s	19"	28"	27"	42"
JOGGING	%	40	40	40	40
MOTOR OVERLOAD CUTOUT	°C	140	140	140	140
WORKING TEMPERATURE	°C	-20+70	-20+70	-20+70	-20+70
PROTECTION RATING	IP	43	43	43	43
SPEED	cm/s	1,66	1,06	1,66	1,06

SIZE AND LIMITATIONS OF USE



RANGE R23 SWING GATE

SAVE MOVEMENTS

Electro-mechanical reduction gear for swing gates for residential use up to ... metres in width; ideal for gates with large posts, it comes complete with release handle with protected and customized key and is set up for external opening with pull cord. The main structure in die-cast aluminium and the steel gears ensure lastingly constant and silent operation.



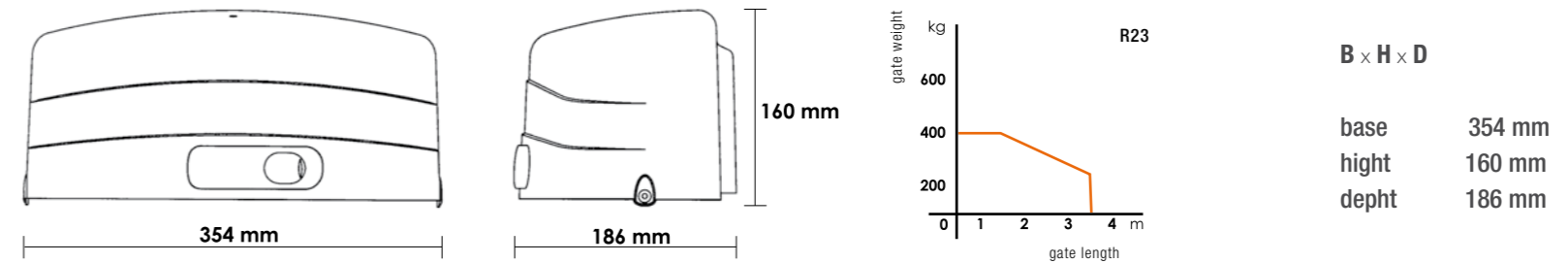
VERSIONS

- R23/371** 230V irreversible • gate stops • without arms
- R23/372** 230V irreversible • gate stops • with STD shorts arms

SPECIFICATIONS

		R23/371 R23/372
POWER SUPPLY	V	230/50Hz
RATING	W	200
MAX. THRUST	N	400
PROTECTION RATING	IP	43
JOGGING	%	50
MOTOR OVERLOAD CUTOUT	°C	140
WORKING TEMPERATURE	°C	-20+70
ACTUATOR WEIGHT	kg	15,5
TIME FOR OPENING 90°	s	14

SIZE AND LIMITATIONS OF USE



B x H x D

base 354 mm
 high 160 mm
 depth 186 mm

RANGE H23 SWING GATE

DEEP SOLUTION

Electro-mechanical reduction gear for swing gates for residential use up to 2,8 metres in width; ideal for gates with large posts, it comes complete with release handle with protected and customized key and is set up for external opening with pull cord. The main structure in die-cast aluminium and the steel gears ensure lastingly constant and silent operation.



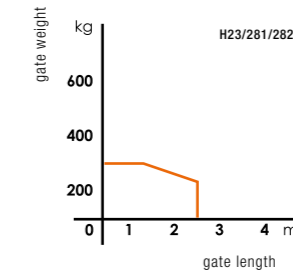
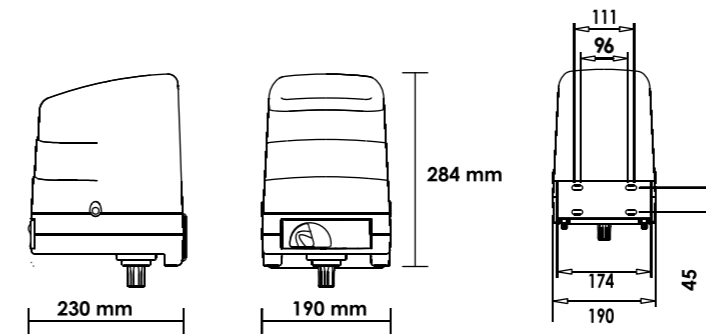
VERSIONS

- H23/281** 230V irreversible • gate stops • without arms
- H23/282** 230V irreversible • gate stops • with STD shorts arms
- H23/283** 230V irreversible • gate stops • with STD shorts arms • with electronic control unit

SPECIFICATIONS

H23		H23/281 H23282
POWER SUPPLY	V	230/50Hz
RATING	W	160
MAX. THRUST	N	280
PROTECTION RATING	IP	43
JOGGING	%	50
MOTOR OVERLOAD CUTOUT	°C	140
WORKING TEMPERATURE	°C	-20+70
TIME FOR OPENING 90°	s	12

SIZE AND LIMITATIONS OF USE



B x H x D

base	190 mm
height	284 mm
depth	230 mm

RANGE G23 SWING GATE

ELEGANT SOLUTION

Electro-mechanical reduction gear available in two versions, for sliding gates weighing up to 300 kg. The main structure is in die-cast aluminium stove-enamelled with specific epoxy resins for outdoors.



VERSIONS

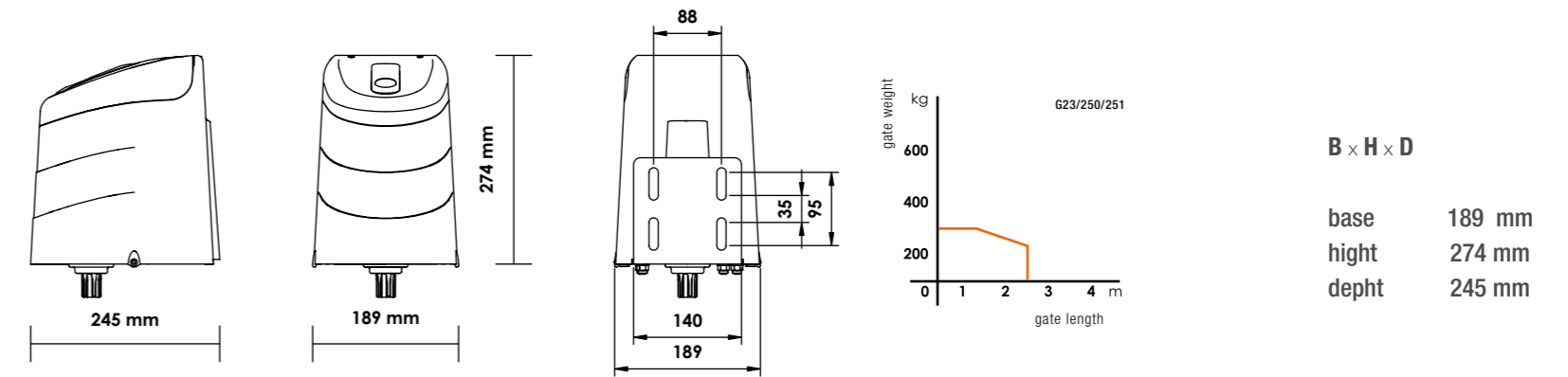
G23/250 230V irreversible • gate stops • without arms

G23/251 230V irreversible • gate stops • with STD shorts arms

SPECIFICATIONS

G23	G23/250 G23/251	
	POWER SUPPLY	V
RATING	W	200
MAX. THRUST	N	300
TIME FOR OPENING 90°	s	19
JOGGING	%	30
MOTOR OVERLOAD CUTOUT	°C	140
WORKING TEMPERATURE	°C	-20+70
PROTECTION RATING	IP	67
WEIGHT	Kg	13,5

SIZE AND LIMITATIONS OF USE



RANGE R21 SWING GATE UNDERGROUND SYSTEM

UNDERGROUND FOR STRENGTH

Electro-mechanical reduction gear for swing gates up to 3.5 metres in width. The sturdy die-cast aluminium housing has been structurally designed to withstand the high forces involved. When installed it is totally concealed inside the foundation box.



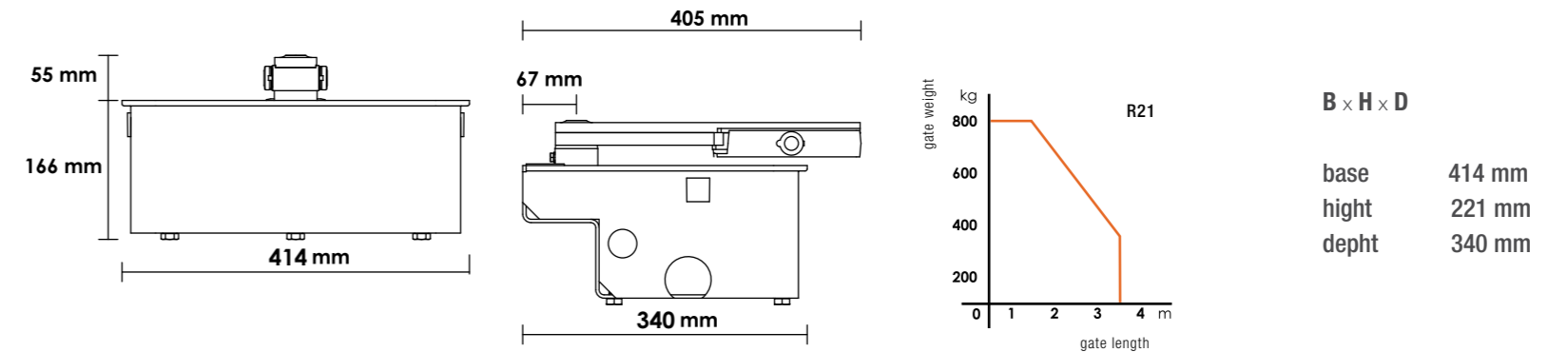
VERSIONS

- R21/351** 230V irreversible standard
- R21/352** 230V irreversible tandem with double bearing
- R21/357** 230V irreversible standard • 6 poles
- R21/358** 230V irreversible tandem with double bearing • 6 poles

SPECIFICATIONS

		R21/351 R21/352	R21/357 R21/358
R21			
POWER SUPPLY	V	230	230
RATING	w	200	180
MAX. THRUST	N	300	250
TIME FOR OPENING 90°	s	19	29
JOGGING	%	30	30
MOTOR OVERLOAD CUTOUT	°C	140	140
WORKING TEMPERATURE	°C	-20+70	-20+70
PROTECTION RATING	IP	67	67
OPERATOR WEIGHT	kg	13,5	13,5















SIZE AND LIMITATIONS OF USE



ACCESSORIES SWING GATE

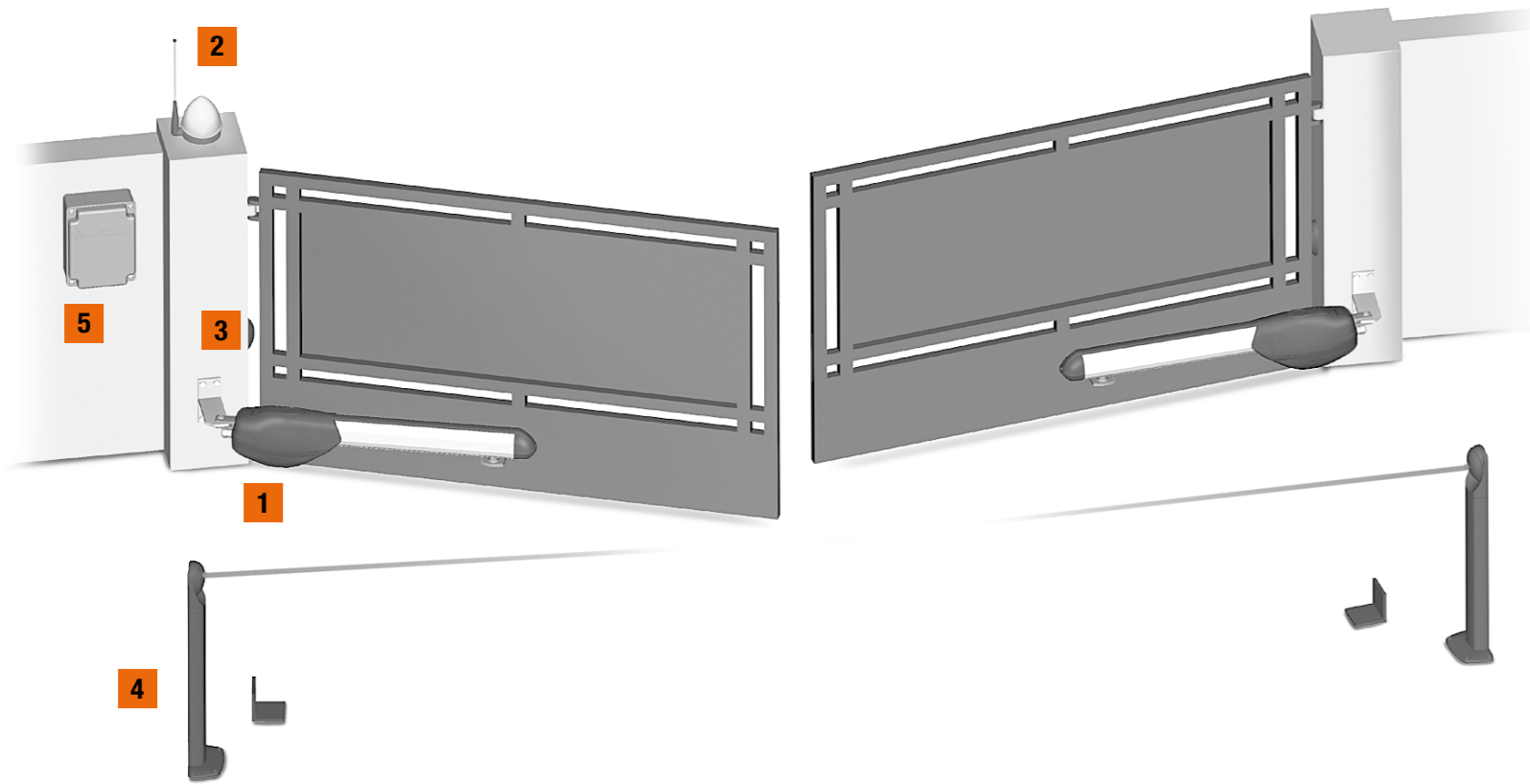
	LT 302	KT 218	KT 219	KT 201	KT 202	KT 203	KT 204	MC 750	KT 205	KT 206	KT 209	MC 766
RANGE R20												
RANGE G20				•	•	•	•	•	•			•
RANGE H20				•	•							
RANGE R23												
RANGE H23	•	•									•	
RANGE G23	•	•	•									
RANGE R21												

ACCESSORIES SWING GATE - UNDERGROUND GATE

	LT 302	LT 303	KT 218	KT 208	FU 100	FU 101	FU 102	FU 103	LT 300	LT 301	RL 650	RL 651	RL 652	KT 207
RANGE R20														
RANGE G20														
RANGE H20														
RANGE R23	•	•	•	•										
RANGE H23														
RANGE G23														
RANGE R21					•	•	•	•	•	•	•	•	•	•

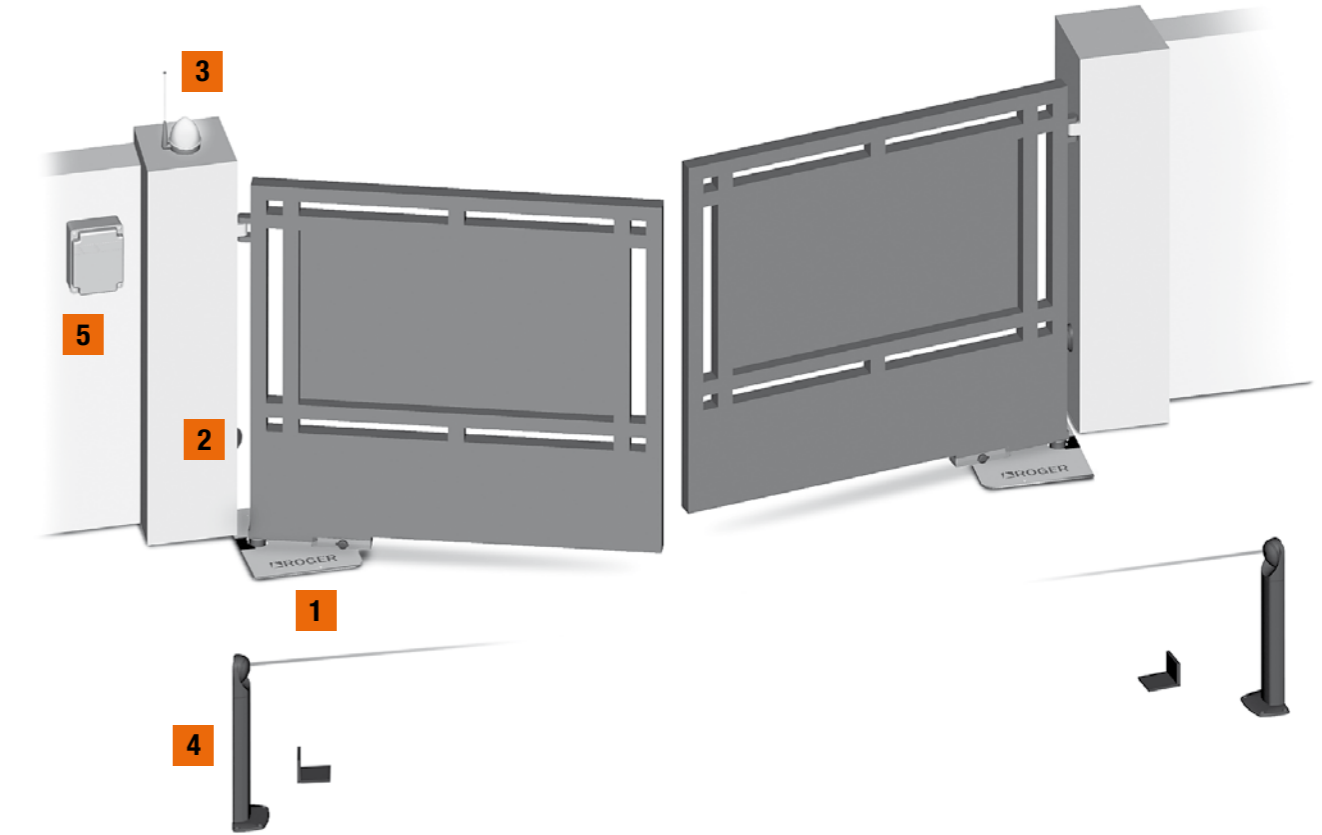
INSTALLATION SWING GATE

- 1 SWING AUTOMATION
- 2 FLASHING LIGHT WITH ANTENNA
- 3 WALL-MOUNTED PHOTOCELLS
- 4 COLUMN-MOUNTED PHOTOCELLS
- 5 CONTROL UNIT



INSTALLATION UNDERGROUND GATE

- 1 SWING-UNDERGROUND AUTOMATION
- 2 WALL-MOUNTED PHOTOCELLS
- 3 FLASHING LIGHT WITH ANTENNA
- 4 COLUMN-MOUNTED PHOTOCELLS
- 5 CONTROL UNIT



KIT R20 - SET G23 SWING GATE



KIT R20

- 2 motor R20/...
- 2 remote control H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver R93/RX12/I
- 1 control unit R70/2AC
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS KIT R20

- **KIT R20/312** swing gate automation up to 3 metres • short fast 1 micro
- **KIT R20/313** swing gate automation up to 3 metres • short slow 1 micro
- **KIT R20/314** swing gate automation up to 3 metres • short fast 2 micro
- **KIT R20/315** swing gate automation up to 3 metres • short slow 2 micro
- **KIT R20/512** swing gate automation up to 5 metres • long fast 1 micro
- **KIT R20/513** swing gate automation up to 5 metres • long slow 1 micro
- **KIT R20/514** swing gate automation up to 5 metres • long fast 2 micro
- **KIT R20/515** swing gate automation up to 5 metres • long slow 2 micro



SET G23

- 2 motors G23/252
- 2 remote control H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver R93/RX12/I
- 1 control unit R70/2AC
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS SET G23

- **SET G23/254** with standard short arms

SET H23 - R23 SWING GATE



SET H23

- 2 motors H23/282
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver R93/RX12/I
- 1 control unit R70/2AC
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS SET H23

- **SET H23/284** with STD. short arms



SET R23

- 2 motors R23
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver R93/RX12/I
- 1 control unit R70/2AC
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS SET R23

- **SET R23/373** with STD short arms
- **SET R23/3734** with long arms

SET R21 - SET H20 SWING GATE



SET R21

- 2 motor R21/351
- 2 foundation casing and RL650 release system
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E
- 1 radio receiver R93/RX12/I
- 1 control unit R70/2AC
- 1 flashing light R92/LR1
- 1 antenna for flashing light R91/AN1/LR1

VERSIONS SET R21

- **SET R21/353** cold galvanised steel foundation casing
- **SET R21/354** hot galvanised steel foundation casing
- **SET R21/355** hot galvanised steel foundation casing and stainless steeld cover AISI 304
- **SET R21/356** stainless steeld AISI 304 foundation box

SET H20 - KIT H20 SWING GATE



SET H20/385

- 1 motor H20/371
- 1 motor H20/372
- 1 antenna for flashing light R92/LR1
- 1 radio receiver R93/RX12/I
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E



SET H20/585

- 1 motor H20/551
- 1 motor H20/552
- 1 antenna for flashing light R92/LR1
- 1 radio receiver R93/RX12/I
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E



KIT H20

Kit H20/380

- 1 motor H20/371
- 1 antenna for flashing light R92/LR1
- 1 radio receiver R93/RX12/I
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E

Kit H20/580

- 1 motor H20/551
- 1 antenna for flashing light R92/LR1
- 1 radio receiver R93/RX12/I
- 2 radio receiver H80/TX22
- 1 photocells R90/F1E

G40

THE SECTIONAL DOOR ROGER IN THE WORLD



AUTOMATIONS FOR SECTIONAL DOOR

Roger automations for sectional door are projected in 4 versions with 650n and 1000n motors, who allows to open doors up to 100kg. These automations are made with sturdy aluminium guide and the movement trasmission is by chain.



H40 P_54



R40 P_56



M40 P_58



G40 P_60

RANGE H40 SECTIONAL DOORS

IDEAL SOLUTION FOR RESIDENTIAL SECTIONAL DOORS

Electro-mechanical chain system, ideal for residential sectional doors. An exclusive, sturdy extruded aluminium rail protects and guides the chain for long-lasting, silent operation.



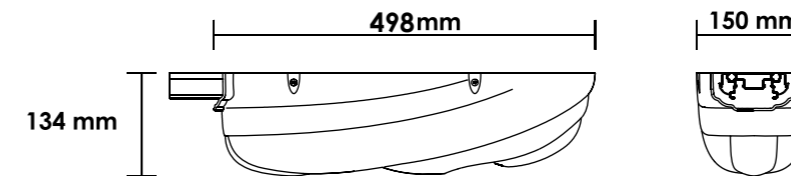
VERSIONS

- R40/654** 230V • control unit with supports and accessories • without 24v dc motor for range h40
- H40/G3065M** chain track, length 3 metres • with motor 650 N
- H40/G4065M** chain track, length 4 metres • with motor 650 N

SPECIFICATIONS

		R40/654
POWER SUPPLY	v	230
LINE ABSORPTION	A	1,1
MAX. THRUST	N	650
JOGGING	%	50
WORKING TEMPERATURE	°C	-20+70
PROTECTION RATING	IP	40
LOW SPEED	cm/s	9
STANDARD SPEED	cm/s	12
HIGH SPEED	cm/s	15
MOTOR INPUT	W	200

SIZE AND LIMITATIONS OF USE



B x H x D	
base	150 mm
height	134 mm
depth	498 mm

SERIE R40 SECTIONAL DOOR AUTOMATIONS

STURDY DRIVE SYSTEM

Electro-mechanical chain system, ideal for residential sectional doors. An exclusive, sturdy extruded aluminium rail protects and guides the chain for long-lasting, silent operation.



VERSIONS

R40/654 230v • control unit with supports and accessories • without 24v dc motor for range r40

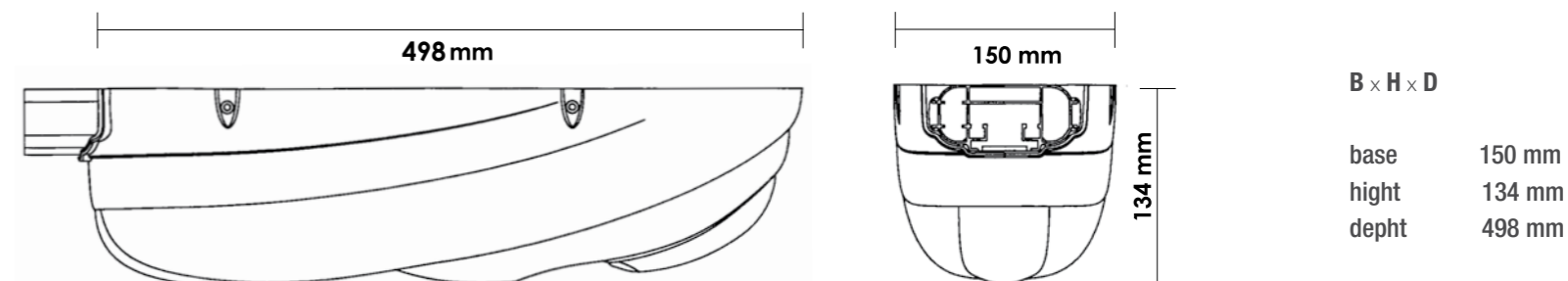
R40/G3065M chain track, length 3 metres • with motor 650 N

R40/G4065M chain track, length 4 metres • with motor 650 N

SPECIFICATIONS

		R40/654
POWER SUPPLY	v	230
LINE ABSORPTION	A	1,1
MAX. THRUST	N	650
JOGGING	%	50
WORKING TEMPERATURE	°C	-20+70
PROTECTION RATING	IP	40
LOW SPEED	cm/s	9
STANDARD SPEED	cm/s	12
HIGH SPEED	cm/s	15
MOTOR INPUT	W	200

SIZE AND LIMITATIONS OF USE



RANGE M40 SECTIONAL DOOR AUTOMATIONS

IDEAL SOLUTIONS FOR RESIDENTIAL SECTIONAL DOORS

Electro-mechanical chain system, ideal for residential sectional doors. An exclusive, sturdy extruded aluminium rail protects and guides the chain for long-lasting, silent operation.



VERSIONS

M40/654 230v • control unit with supports and accessories • without 24v dc motor for range m40

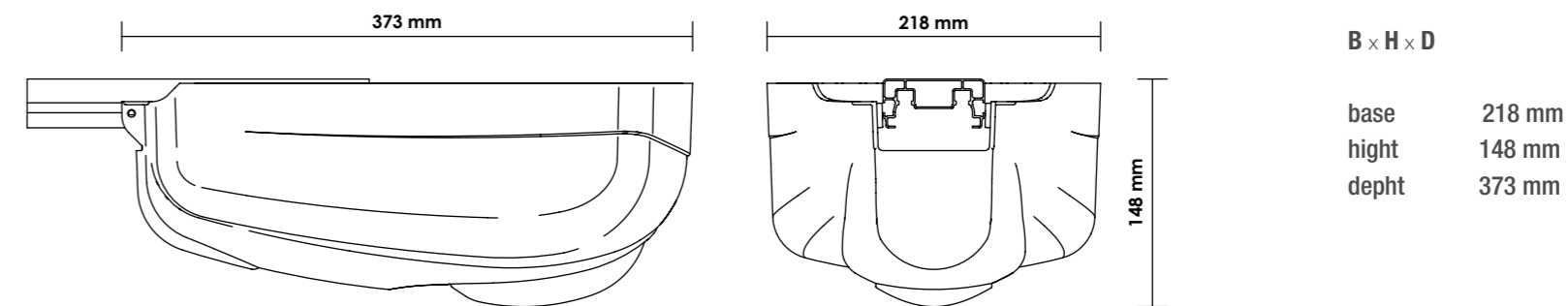
M40/G3065M chain track, lenght 3 mt, with motor 650 N

M40/G4065M chain track, lenght 4 mt, with motor 650 N

SPECIFICATIONS

		M40	M40/654
POWER SUPPLY	V		230
LINE ABSORPTION	A		1,1
MAX. THRUST	N		650
JOGGING	%		50
WORKING TEMPERATURE	°C		-20+70
PROTECTION RATING	IP		40
LOW SPEED	cm/s		9
STANDARD SPEED	cm/s		12
HIGHT SPEED	cm/s		15
MOTOR INPUT	W		200

SIZE AND LIMITATIONS OF USE



RANGE G40 SECTIONAL DOOR AUTOMATIONS

STURDY DRIVE SYSTEM

Electro-mechanical chain system, ideal for residential sectional doors. An exclusive, sturdy extruded aluminium rail protects and guides the chain for long-lasting, silent operation.



VERSIONS

G40/1004 230V • control unit with support and accessories without 24DC motor for range G40

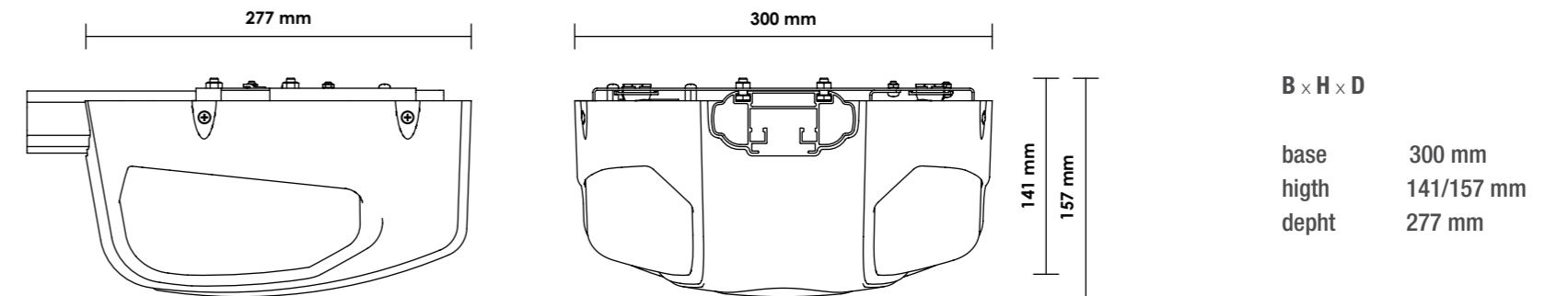
R40/G3100M chain track, length 3 mt, with motor 1000 N

R40/G4100M chain track, length 4 mt, with motor 1000 N

SPECIFICATIONS

		G40/1004
POWER SUPPLY	V	230
LINE ABSORPTION	A	1,1
MAX. THRUST	N	1000
JOGGING	%	50
WORKING TEMPERATURE	°C	-20+70
PROTECTION RATING	IP	40
LOW SPEED	cm/s	9
STANDARD SPEED	cm/s	12
HIGHT SPEED	cm/s	15
MOTOR INPUT	W	200

SIZE AND LIMITATIONS OF USE



SET R40 - G40 SECTIONAL DOOR AUTOMATIONS



SET R40

- 1 control unit with support and accessories
- 1 chain track with motor
- 1 remote control H80/TX22
- 1 radio receiver H93/RX22/I

VERSIONS SET R40

- **SET R40/652** chain track 3 metres
- **SET R40/653** chain track 4 metres



SET G40

- 1 control unit with support and accessories
- 1 chain track with motor
- 1 remote control H80/TX22
- 1 radio receiver H93/RX22/I

VERSIONS SET G40

- **SET G40/1002** chain track 3 metres
- **SET G40/1003** chain track 4 metres

SET M40 - H40 SECTIONAL DOOR AUTOMATIONS



SET M40

- 1 control unit with support and accessories
- 1 chain track with motor
- 1 remote control H80/TX22
- 1 radio receiver H93/RX22/I

VERSIONS SET M40

- SET M40/552 chain track 3 metres
- SET M40/553 chain track 4 metres



SET H40

- 1 control unit with support and accessories
- 1 chain track with motor
- 1 remote control H80/TX22
- 1 radio receiver H93/RX22/I

VERSIONS SET H40

- **SET H40/672** chain track 3 metres
- **SET H40/673** chain track 4 metres

R41 THE OVERHEAD ROGER IN THE WORLD



AUTOMATION FOR OVERHEAD DOOR

Roger automations for overhead doors allow to open residential and condominium garage doors up to 8 square meters.



R41 P_66

RANGE R41 OVERHEAD DOOR

COMPACT ELECTRO-MECHANICAL SYSTEM

Electro-mechanical reduction gear ideal for overhead doors measuring up to 8 square metres, complete with chromed metal release handle for opening from inside and set up for opening from outside. The die-cast aluminium main structure and the steel gears ensure long-lasting constant and silent operation.



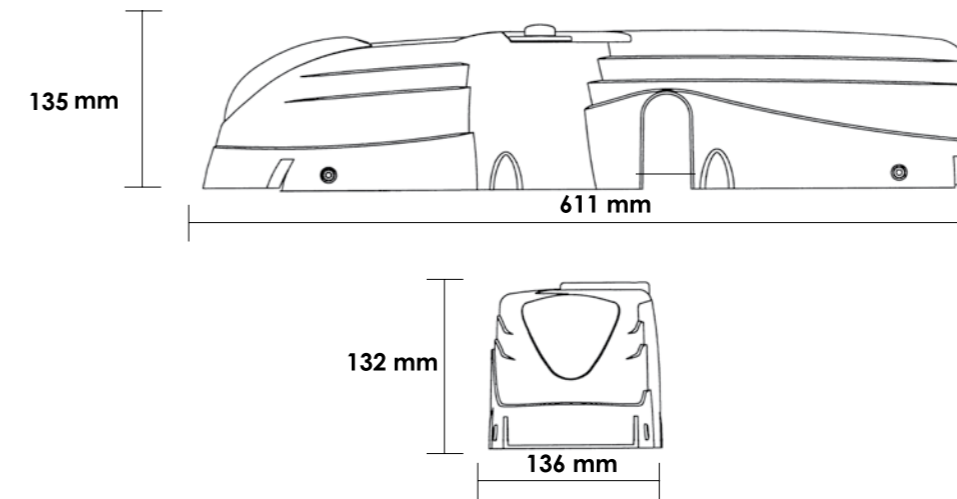
VERSIONS

- R41/820** 230V • irreversible • without control unit • gate stop
- R41/821** 230V • irreversible • Control unit • gate stop
- R41/822** 230V • irreversible • motore 6 poles • without control unit • gate stop
- R41/823** 230V • irreversible • motore 6 poles • Control unit • gate stop

SPECIFICATIONS

R41		R41/820 R41/821	R41/822 R41/823
POWER SUPPLY	v	230	230
RATING	w	200	180
MAX. THRUST	N	380	250
JOGGING	%	40	30
MOTOR OVERLOAD CUTOUT	°C	140	140
WORKING TEMPERATURE	°C	-20+70	-20+70
PROTECTION RATING	IP	40	67
OPERATOR WEIGHT	kg	8	13,5
MAX. SIZE CAPACITY	Mq	8	8

SIZE AND LIMITATIONS OF USE



B x H x D	
base	136 mm
high	135 mm
depht	611 mm

ACCESSORIES SECTIONAL DOORS - OVERHEAD DOORS

	RL 654	RL 655	KT 216	KT 217	LT 304	LT 305	LT 306	LT 307	LT 308	RL 653	RL 656	RL 657	LT 309	LT 310	LT 311	LT 312	LT 313
RANGE R40	•	•															
RANGE G40	•	•															
RANGE M40	•	•															
RANGE H40	•	•															
RANGE R41			•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

INSTALLATION SECTIONAL DOORS

1 SECTIONAL DOORS AUTOMATION



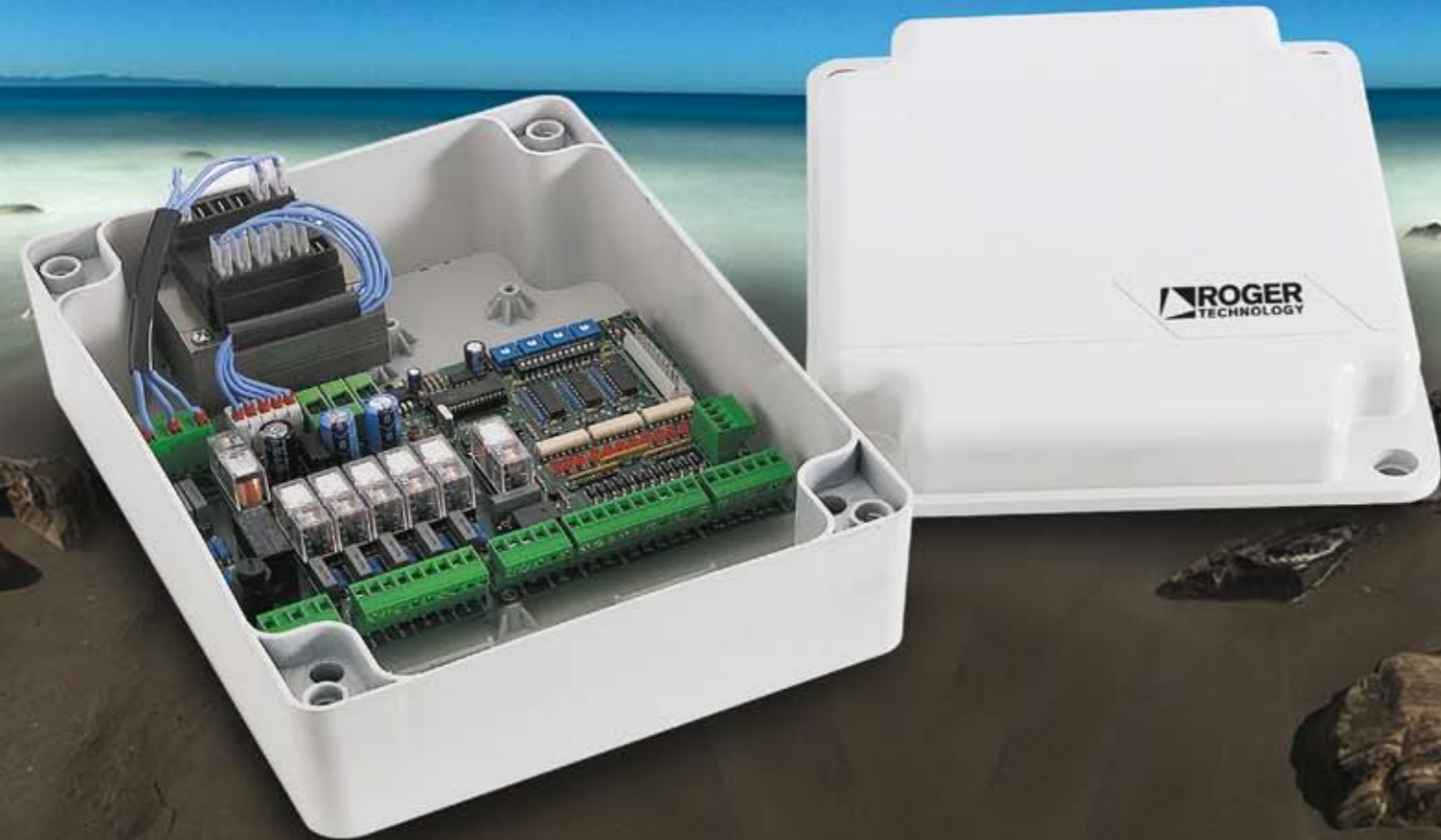
INSTALLATIONS OVERHEAD DOORS

1 OVERHEAD DOORS AUTOMATION



R70 1AC

THE CONTROL UNIT ROGER IN THE WORLD



RANGE CONTROL UNITS

Roger Technology control units allow to manage all gate automations, projected in according to safety rules and they allow to use a lot of settings.



H70/100AC P_74

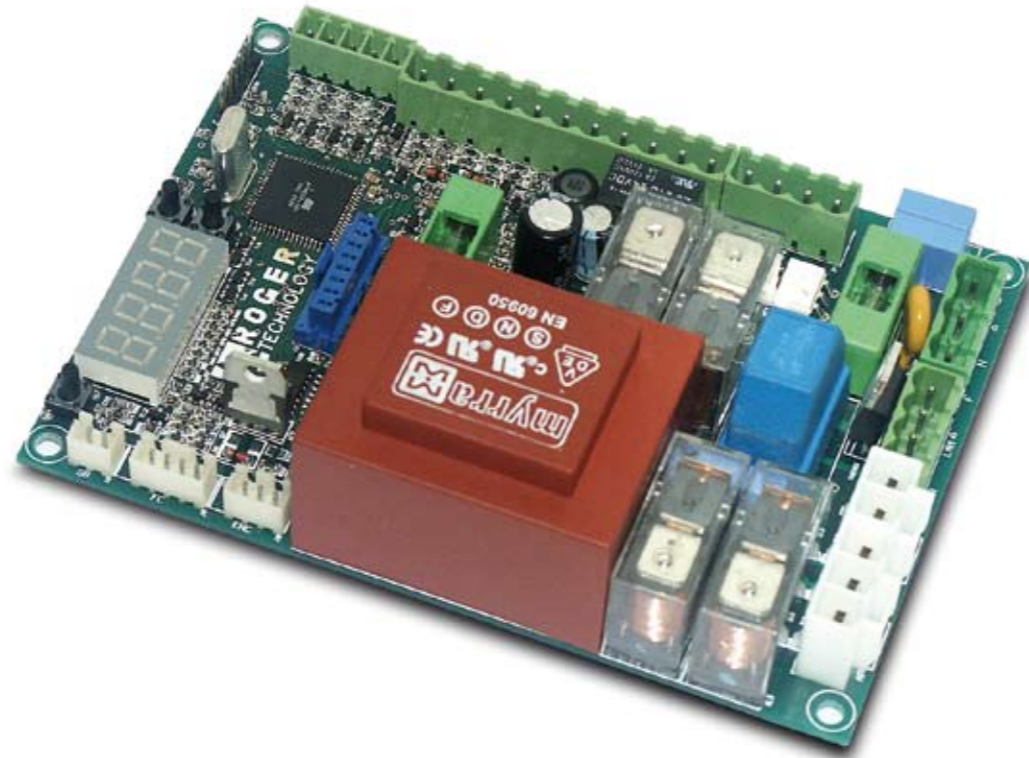


R70/2AC P_76

RANGE H70/100AC CONTROL UNIT

FLEXIBILITY CONTROL

Showing input and modify of the parameter through a high brightness display. Soft start and slowing down before the stop of the gate. Open gate indicator light, flashing program in four different ways. Possibility to protect the difference configuration by a password. possibility to restore the standard configuration. Showing the number of movement showing code error.



VERSIONS

H70/100AC control board for 1 motor • 230V

SPECIFICATIONS

H70/100AC

POWER SUPPLY	230 V ac +/- 10% 50 Hz
N° ACTIVATED MOTORS	1
MAX. POWER PER MOTOR	800 W
MAX. POWER FLASHING LIGHT	230Vac 2A
MAX. POWER COURTESY LIGHT	230Vac 2A
MAX. POWER GATE OPEN LIGHT	2 W 24 V ac
MAX. CURRENT ACCESSORIES OUTPUT	300mA 24 V ac
WORKING TEMPERATURE	-10 + 50 °C
ADJUSTMENT OF MOTOR TORQUE	to TRIAC
SPEED ADJUSTMENT	to TRIAC

INPUT

- OPEN
- CLOSE
- PEDESTRIAN
- LOCK
- STEP BY STEP
- STOP
- SAFETY EDGE 1
- SAFETY EDGE 2
- PHOTOCELLS 1
- PHOTOCELLS 2
- MECHANICAL RELEASE
- OPENING LIMIT SWITCH
- CLOSING
- ENCODER

OUTPUT

- OPEN GATE INDICATOR LIGHT
- ACCESSORIES POWER SUPPLY 24VCC
- FLASHING LIGHT CONTACT
- COURTESY LIGHT CONTACT
- MOTOR
- CAPACITOR

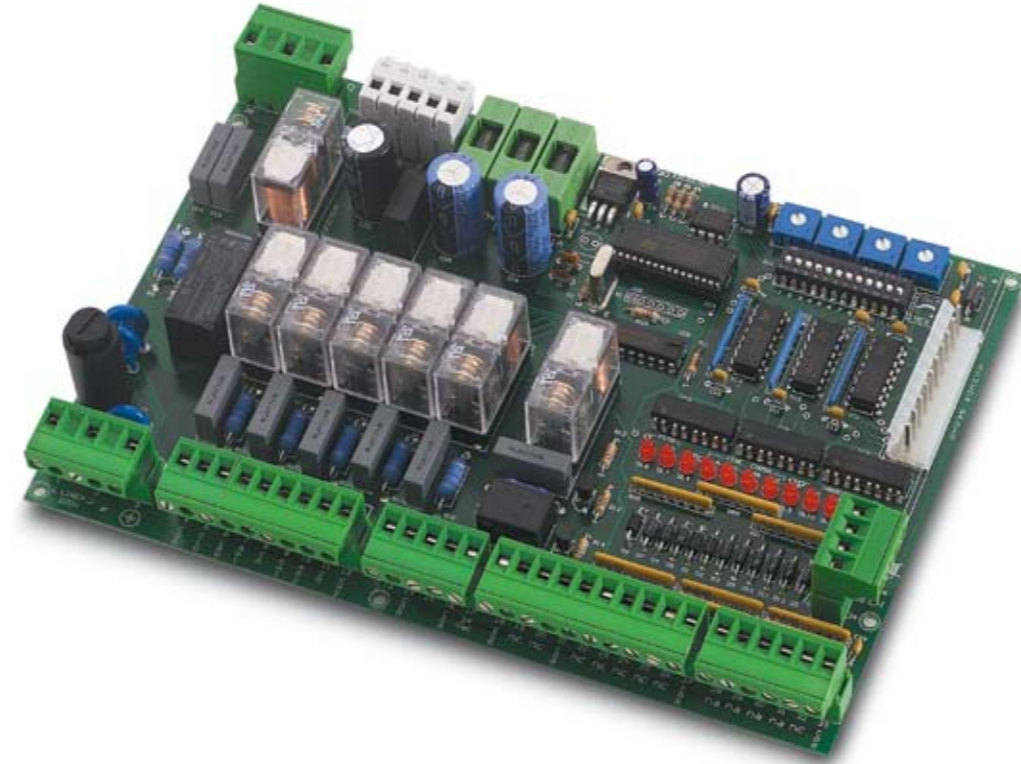
PROGRAMMABLE FUNCTIONS

- AUTOMATIC RECLOSING
- RECLOSE AFTER BLACKOUT
- CONDOMINIUM STEP-BY-STEP
- PRE-FLASHING
- DEADMAN
- AUTOMATICALLY OR MANUAL LEARNING OF THE TRAVEL LENGTH AND SLOW DOWN
- LENGTH PEDESTRIAN OPENING
- WORKING TIME AND PAUSE UP TO 198 SEC.
- NORMAL FORCE ON TRAVEL AND IN SLOW DOWN
- LENGTH AND START UP POWER
- START UP POWER AND COME BACK TIME, DUE TO SAFETY ACCESSORIES
- SOFT-START
- RELEASE THRUST
- SENSIBILITY OF ANTICRUSHING
- PHOTOCELLS BEHAVIOUR
- OPENING AND CLOSING WITH CROSS ON PHOTOCELLS
- DURING STOP, INDEPENDENT ENABLES ON LIMIT SWITCH, PHOTOCELL, STOP, COME BACK
- RIGHT OR LEFT MOTOR
- SAFETY EDGE
- ASSIGNMENT OF 2 RADIO CHANNELS TO A SPECIFIC FUNCTION
- INTERMITTENCE FLASHING LIGHT
- COURTESY LIGHT TIME

SERIE R70/2AC CONTROL UNIT

DOUBLE INSULATION

Control unit for two alternating current motors 230V with optoisolated inputs, line surge arresters to eliminate interference from outside, microprocessor with separate power supply from the circuit for further protection against electrical interference coming from the earth (earth circuit) and diagnostics on all inputs.



VERSIONS

R70/2AC control board for 2 motors • 230V • plastic container

SPECIFICATIONS

R70/2AC

POWER SUPPLY	230 V ac +/- 10% 50 Hz
N° ACTIVATED MOTORS	2
MAX. POWER PER MOTOR	400 W 230 V ac
MAX. POWER FLASHING LIGHT	40 W 230 V ac
MAX. POWER COURTESY LIGHT	100 W 230 V ac
MAX. POWER GATE OPEN LIGHT	2 W 24 V ac
MAX. POWER ELECTRIC LOCK	25 W 12 V ac
MAX. CURRENT ACCESSORIES OUTPUT	300 mA 24 V ac
WORKING TEMPERATURE	-10 + 55 °C
ADJUSTMENT OF MOTOR TORQUE	Autotransformer
OPERATING TIME	From 2 to 60 sec. Extendable up to 120
PAUSE TIME	From 0 to 90 sec.
DELAY TIME 2nd MOTOR WHEN CLOSING	From 0 to 90 sec.
PEDESTRIAN DOOR TIME	From 2 to 60 sec. Extendable up to 120

PROGRAMMABLE FUNCTIONS

- 01) AUTOMATIC RECLOSING
- 02) RECLOSE AFTER BLACKOUT
- 03) PRE-FLASHING
- 04) COURTESY LIGHT TIME EXTENSION
- 05) RELEASE THRUST
- 06) OPERATING TIME EXTENSION
- 07) CONDOMINIUM STEP-BY-STEP
- 08) DEADMAN
- 09) RECLOSE AFTER ACTIVATION OF PHOTO 1
- 10) OPENING ENABLED WITH PHOTO 1 OBSCURED
- 11) OPERATING OPTIONS PHOTOCCELL 1 EXTERNAL
- 12) OPERATING OPTIONS PHOTOCCELL 2 INTERNAL

AVAILABLE CONTROL INPUTS

- STOP
- PEDESTRIAN DOOR
- STEP-BY-STEP
- CLOSE
- OPEN
- MOTOR 1 LIMIT SWITCH FOR CLOSING
- MOTOR 1 LIMIT SWITCH FOR OPENING
- MOTOR 2 LIMIT SWITCH FOR CLOSING
- MOTOR 2 LIMIT SWITCH FOR OPENING
- SAFETY DEVICE (SAFETY EDGE)
- PHOTO 1 EXTERNAL PHOTOCCELL
- PHOTO 2 INTERNAL PHOTOCCELL

G80

THE SOLAR REMOTE CONTROL
ROGER IN THE WORLD



RANGE REMOTE CONTROLS

Roger remote controls are projected in 3 different versions: R80, H80 and the new G80. G80 is created by a system who allows to recharge the battery through the solar energy, and it allows an economical and energetic savings. The R80 series is created by random fixed code 2/4 channels, with copy function. H80 series is created by random fixed code 2 channels. G80 series is crated by random fixed code and rolling code 2/4 channels with copy function.



R80

P_80



H80

P_82



G80

P_84

RANGE R80 REMOTE CONTROLS

ALWAYS READY FOR YOUR COMMANDS

Radio control with carrier frequency 433.92 MHz in UHF band with two and four channels. With randomly generated fixed code stored in non-volatile storage (268 million possible combinations).



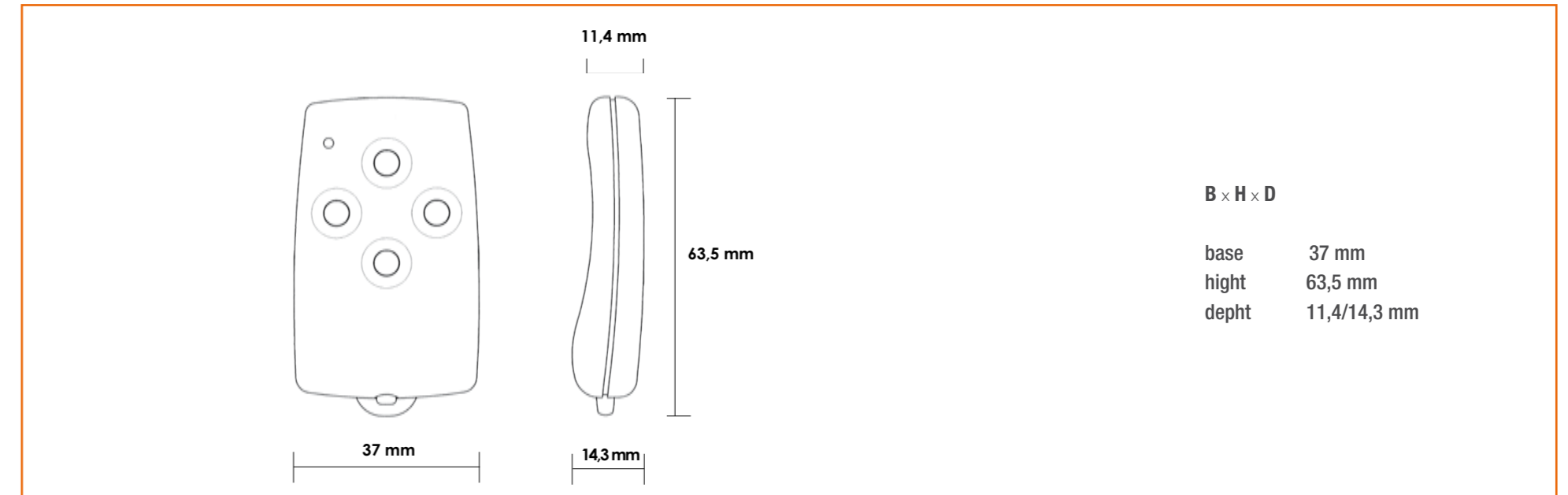
VERSIONS

- R80/TX12** fixed code radio control • 433.92 MHz • 2 channels
- R80/TX12R** fixed code radio control • 433.92 MHz • 2 channels • with radio for copy
- R80/TX14** fixed code radio control • 433.92 MHz • 4 channels
- R80/TX14R** fixed code radio control • 433.92 MHz • 4 channels • with radio for copy

SPECIFICATIONS

R80	TX12/TX12R	TX14/TX14R
CARRIER FREQUENCY	433.920 MHz	433.920 MHz
RADIATED POWER	100 µW	100 µW
CODING	fixed, 268 millions	fixed, 268 millions
NUMBER OF CHANNELS	2	4
POWER SUPPLY	12V with 23/A type battery	12V with 23/A type battery
INPUT	13 mA	13 mA
WORKING TEMPERATURE	-10 +55 °C	-10 +55 °C
RANGE	150 metres in open area	150 metres in open area

SIZE AND LIMITATIONS OF USE



RANGE H80 REMOTE CONTROLS

ROGER EVERYTHING IN ONE CLICK

Radio control with carrier frequency 433.92 MHz in UHF band with two channels. With randomly generated fixed code stored in non-volatile storage (268 million possible combinations).



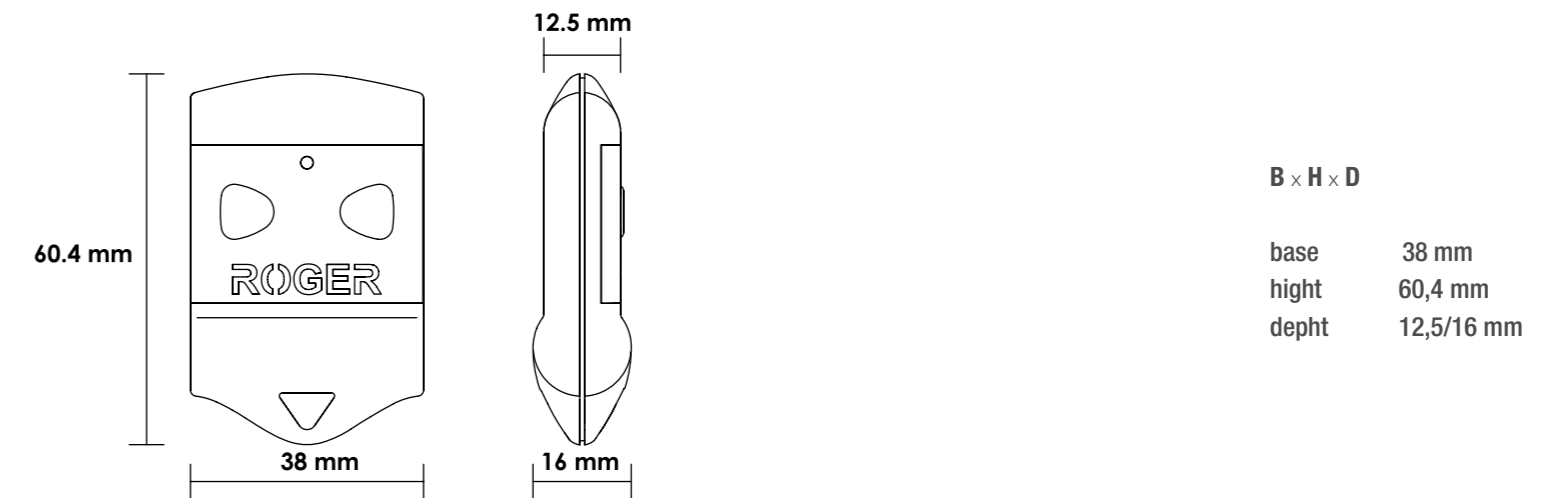
VERSIONS

H80/TX22 fixed code radio control • 433.92 MHz • 2 channels

SPECIFICATIONS

H80	TX22
CARRIER FREQUENCY	433.920 MHz
RADIATED POWER	100 µW
CODING	fixed, 268 millions
NUMBER OF CHANNELS	2
POWER SUPPLY	12V with 23/A type battery
INPUT	13 mA
WORKING TEMPERATURE	-10 +55 °C
RANGE	150 metres in open area

SIZE AND LIMITATIONS OF USE



RANGE G80 SOLAR REMOTE CONTROL

YOUR RECHARGE BY A SUNSHINE

Remote control with 433.92 mhz frequency in 2/4 channels. G80 is created by a special solar pannel who allows to recharge the litium-ion battery, only with solar energy. G80 allows to save money to buy battery and it allows you a continuity of your remote control.



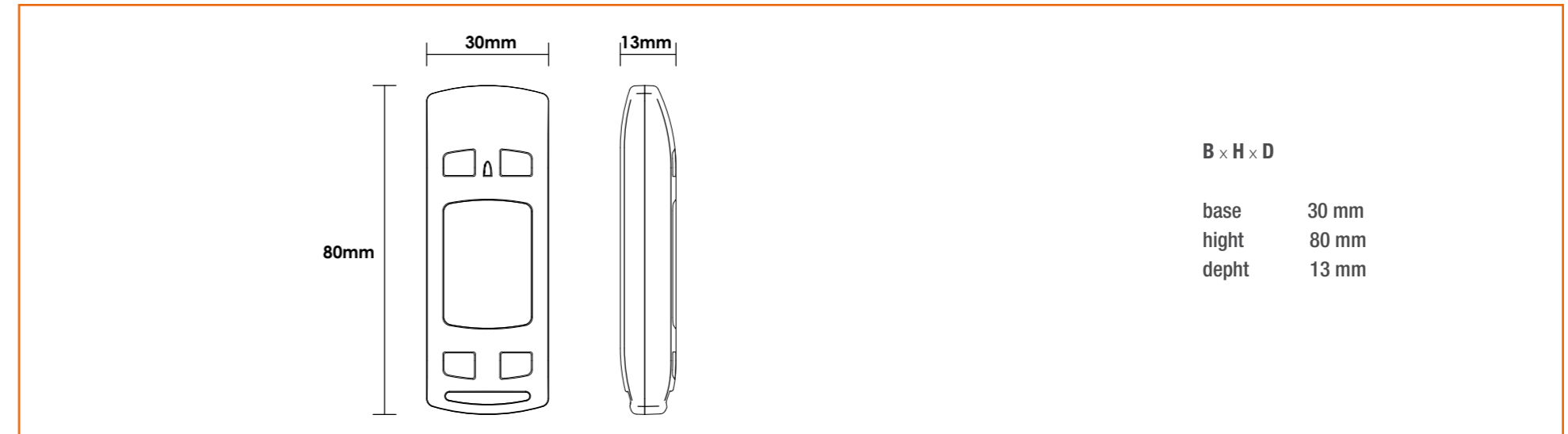
VERSIONS

- G80/TX32** fixed code • 433.92 mhz • 2 channels
- G80/TX34** fixed code • 433.92 mhz • 4 channels
- G80/TX32R** fixed code • 433.92 mhz • 2 channels with radio to copy
- G80/TX34R** fixed code • 433.92 mhz • 4 channels with radio to copy
- G80/TX32C** rolling code • 433.92 MHz • 2 channels
- G80/TX34C** rolling code • 433.92 MHz • 4 channels

SPECIFICATIONS

TX SOLARE	TX32/TX32R	TX34/TX34R	TX32C	TX34C
CARRIER FREQUENCY	433.92 MHz	433.92 MHz	433.92 MHz	433.92 MHz
RADIATED POWER	100 µW	100 µW	100 µW	100 µW
CODING	fixed 268 milioni	fixed 268 milioni	changing	18 billions
NUMBER OF CHANNELS	2	4	2	4
POWER SUPPLY	solar pannel - litium-ion battery	solar pannel - litium-ion battery	solar pannel - litium-ion battery	solar pannel - litium-ion battery
INPUT	4 mA	4 mA	4 mA	4 mA
WORKING TEMPERATURE	-10+55 °C	-10+55 °C	-10+55 °C	-10+55 °C
RANGE	100 metres in open area	100 metres in open area	100 metres in open area	100 metres in open area

SIZE AND LIMITATIONS OF USE



R90 ELECTRONIC ROGER IN THE WORLD



ELECTRONIC RANGE

Roger Technology completes his product range with electronic parts. In this section you can find the flashing light R92, the antenna R91, the photocells R90, the columns CFT and the radio receiver R93 available in 2/4 channels.



Photocells P_88



Flashing light P_90



Radio receiver P_92

RANGE R90 WALL- MOUNTED AND PHOTOCELLS ON COLUMN

ACTIVE SAFETY

System comprising an infrared light transmitter and receiver, which under conditions of active alignment immediately warns the control unit of any obstacles within its range of action. Modern attractive shapes just 27 mm thick so as not to occupy much space.



VERSIONS WALL- MOUNTED AND COLUMN-MOUNTED PHOTOCELLS

R90/F1E pair of external photocells

CFT500 pair of posts for R90 range • hight 50 cm

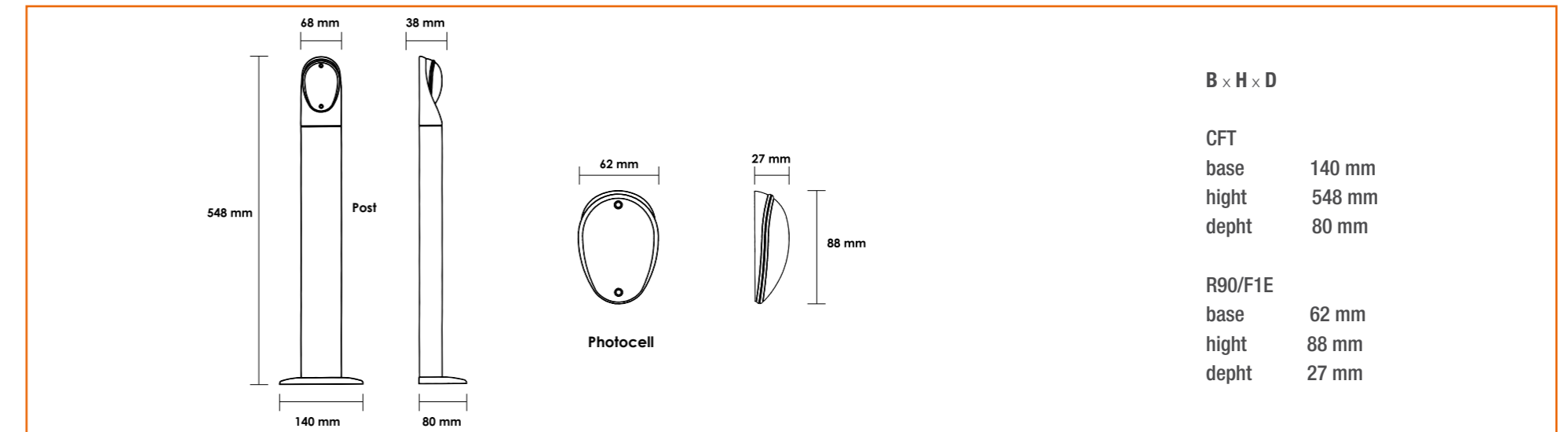
CFT501 pair of columns for R90 range • hight 100 cm

SPECIFICATIONS

R90	R90/F1E transmitter	R90/F1E receivers
STANDARD POWER SUPPLY	24 V ac/dc	24 V ac/dc
INPUT	25 mA	30 mA
RANGE	15 m.	15 m.
MAX. RELAY CURRENT		0,5 A
MAX. RELAY VOLTAGE		24 V ac
WORKING TEMPERATURE	-20+55	-20+55 °C

NB: there is an internal setting for the photocells to work on voltage 12 V ac/dc

SIZE AND LIMITATIONS OF USE



RANGE R92 FLASHING LIGHT R91 ANTENNA

R92 FLASHING LIGHT CLEAR SIGNALS

Original, elegant and functional design intended to be seen and noticed when the gate is moving, blinker with modulated light, with inbuilt electronic circuit and made in watertight shockproof material.

R91 ANTENNA ALWAYS ALERT

Antenna tuned to the frequency of 433.92 MHz, fitted with practical articulated joint for finding best direction.



R92



R91

FLASHING LIGHT AND ANTENNA VERSIONS

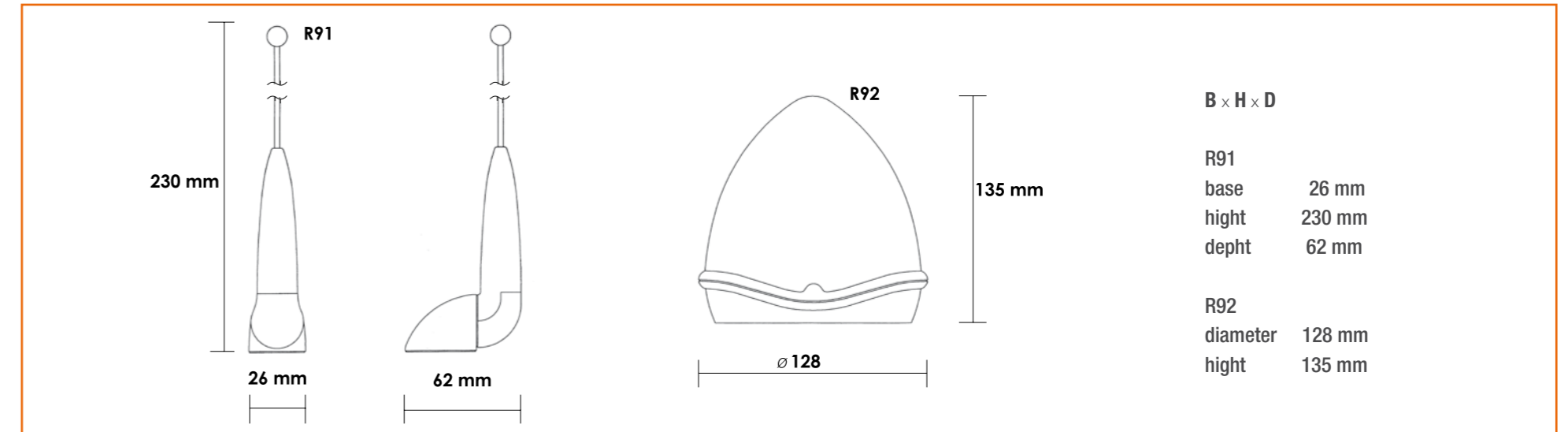
- R92/LR1** 230V • flashing light electronics
- R92/LR2** 230V • fixed light • without flashing light electronics
- R91/AN1/LR1** antenna for flashing light R92/LR1
- R91/AN1/P1** antenna designed for wall mounting

SPECIFICATIONS

R92	R92/LR1	R92/LR2
POWER SUPPLY	230 V AC	230 V AC
MAX. BULB POWER	40 W	40 W
TYPE OF BULB COUPLING BASE	E 14	E 14
BLINKING FREQUENCY	1 Hz	fixed

R91	LR/1
TUNING FREQUENCY	433.920 MHz

SIZE AND LIMITATIONS OF USE



RANGE R93 RECEIVERS

R93 ALWAYS READY TO ANSWER

Modular, terminal or plug-in receiver systems, the latter designed to be inserted directly into the universal control units, and up to four channels for varying uses.



G93/RX32/U



R93/RX14M/24



R93/RX14M/220



R93/RX12/I



R93/RX12/U

VERSIONS

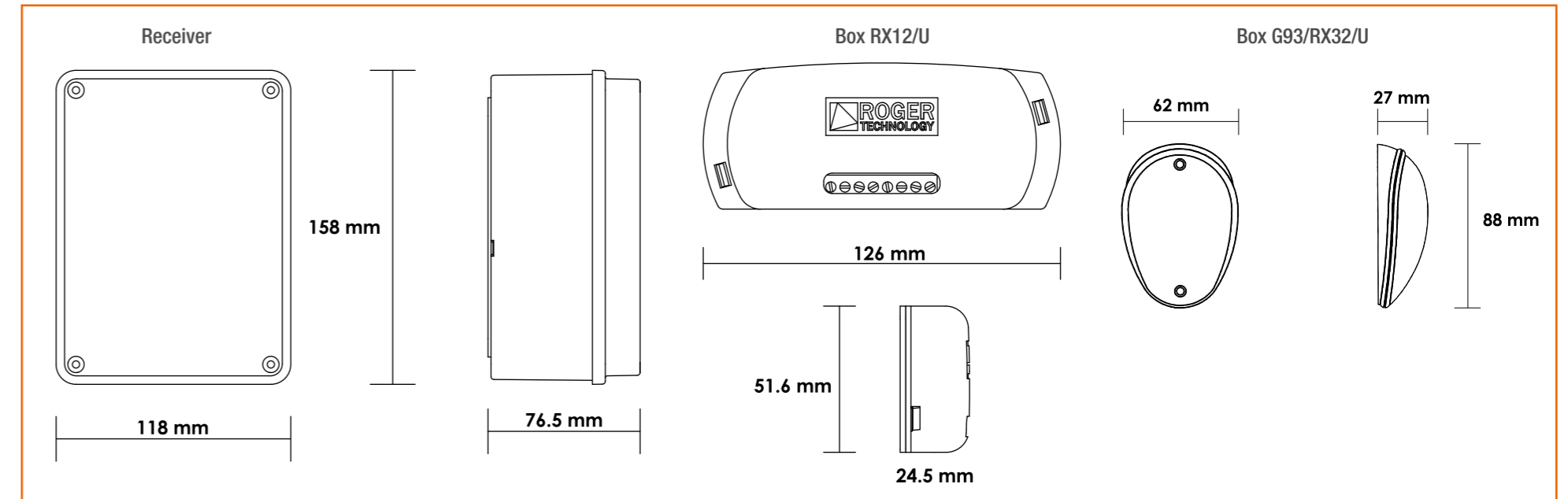
- R93/RX12/I** plug-in receiver with two channels • 433.92 MHz
- R93/RX12/U** terminal receiver with two channels • 433.92 MHz • plastic container
- H93/RX22/I** plug-in receiver with two channels • 433.92 MHz
- G93/RX32/U** terminal receiver with two channels • 433.92 MHz • plastic container

- R93/RX14M/24** modular receiver with 4 channels (1 fixed monostable and 3 set up for relay modules) • 433:92 MHz • plastic container • power supply 24 V
- R93/RX14M/230** modular receiver with 4 channels (1 fixed monostable and 3 set up for relay modules) • 433:92 MHz • plastic container • power supply 230 V

SPECIFICATIONS

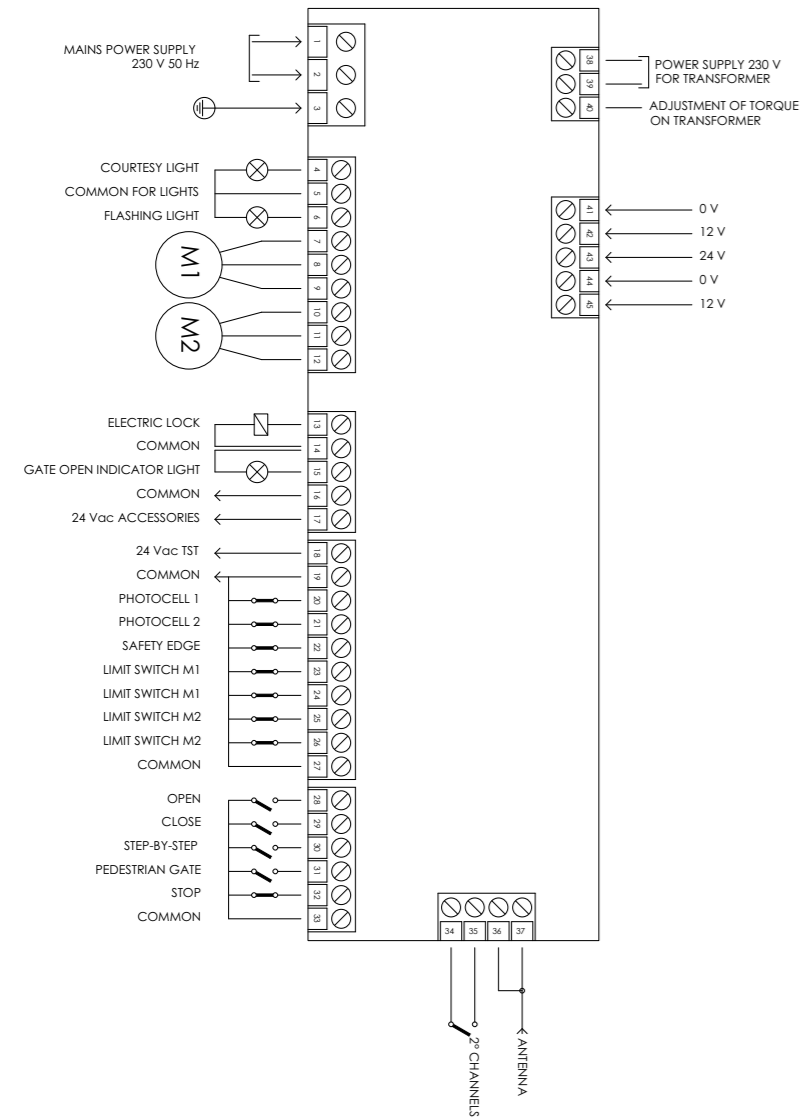
R93	R93/RX12/I R93/RX12/U	RX 14M/24	RX 14M/230	G93/RX32/U	H93/RX22/I
RECEIVER FREQUENCY	433.920 MHz	433.920 MHz	433.920 MHz	433.920 MHz	433.920 MHz
POWER SUPPLY	12/24 V ac/dc	12/24 V ac/dc	230 V ac	12/24 V ac/dc	5 V dc
NUMBER OF CHANNELS	2	4	4	2	2
MAX. CURRENT RELAY CONTACTS	0.5 A	0.5 A	0.5 A	0.5 A	
MAX. VOLTAGE RELAY CONTACTS	24 V ac/dc	24 V ac/dc	24 V ac/dc	24 V ac/dc	
WORKING TEMPERATURE	-10 +55 °C	-10 +55 °C	-10 +55 °C	-10 +55 °C	-10 +55 °C
OUTPUT					Open collector

SIZE AND LIMITATIONS OF USE

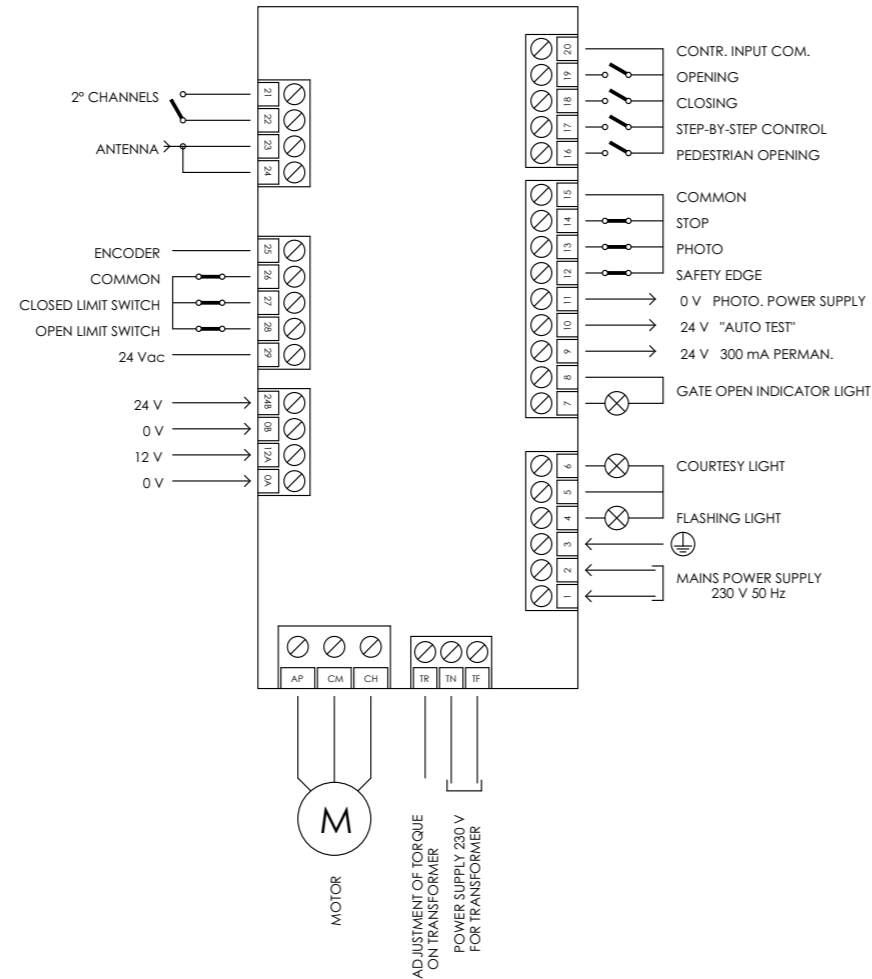


CONTROL UNIT

R70/2AC

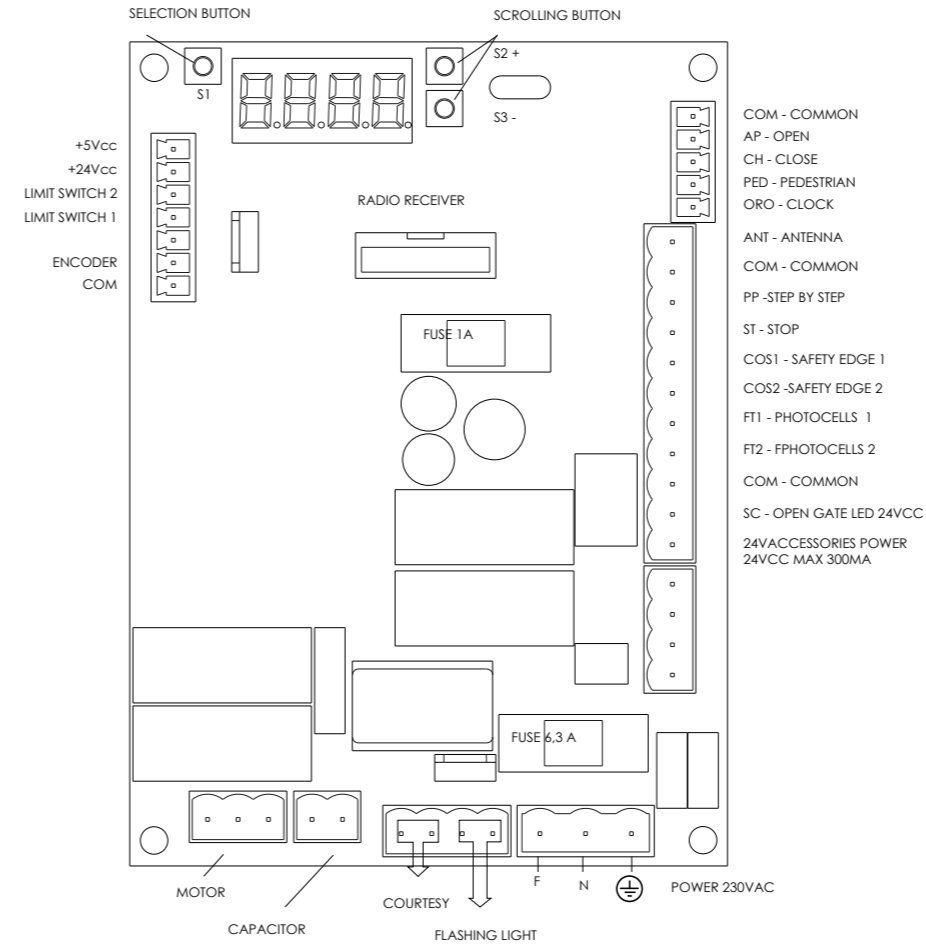


R70/1AC

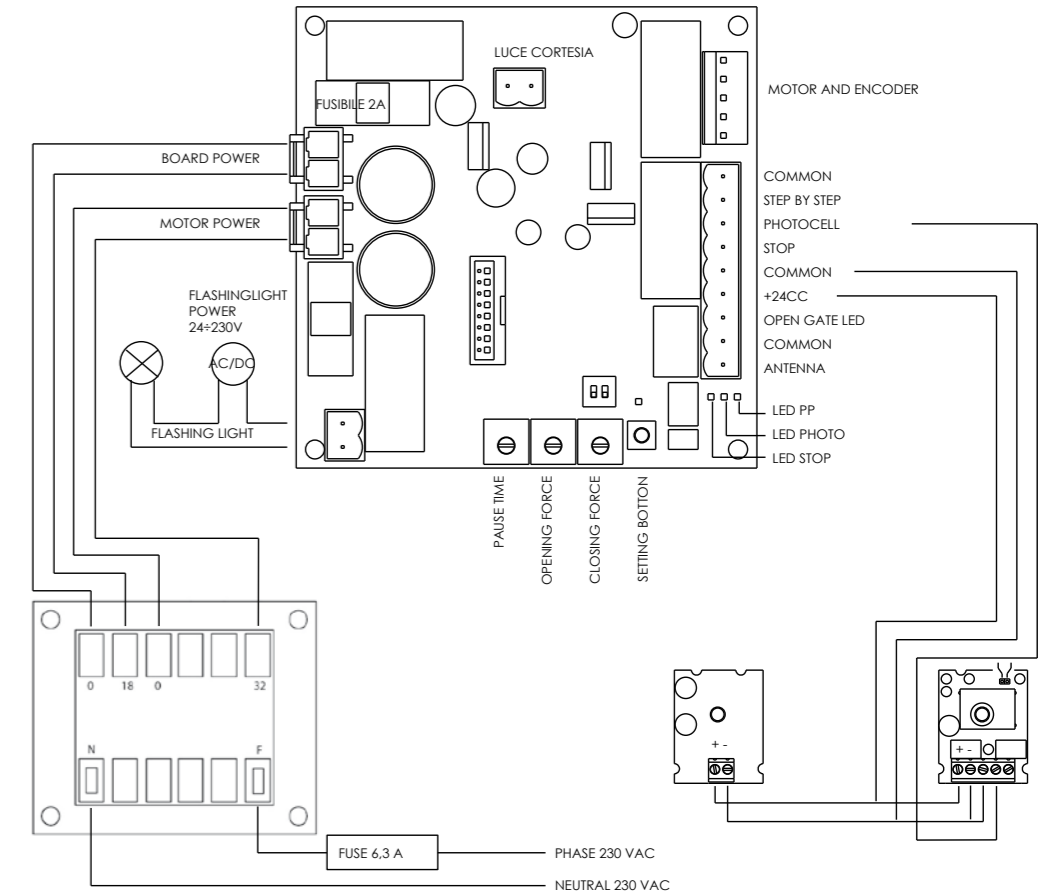


CONTROL UNIT

H70/100/AC



H70/10/CC

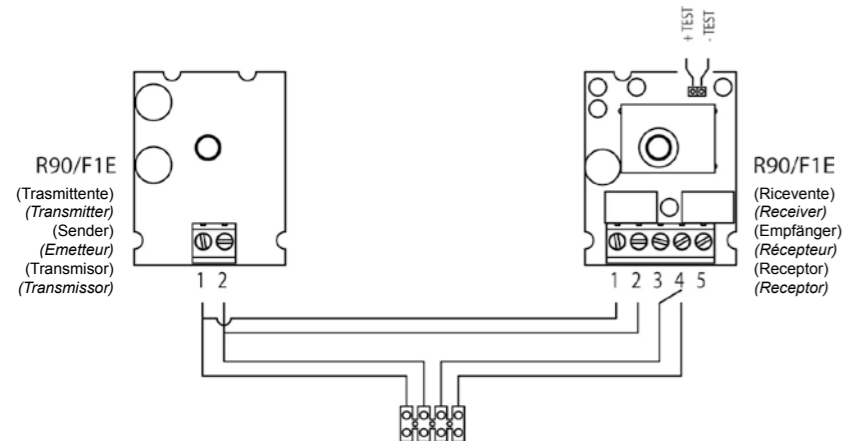


• Data not binding; in line with its continual product improvement policy, the company reserves the right to change data.

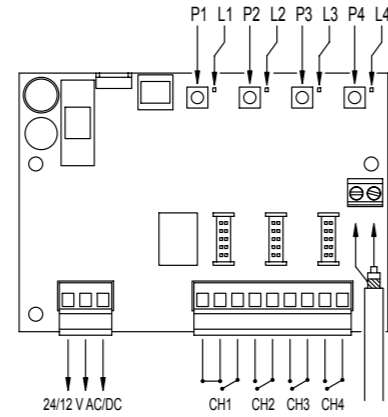


RADIO RECEIVER

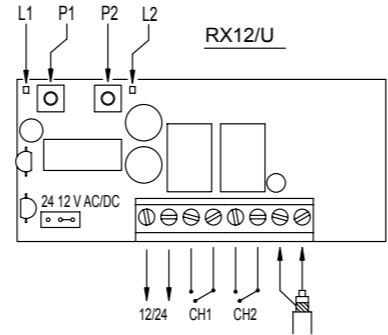
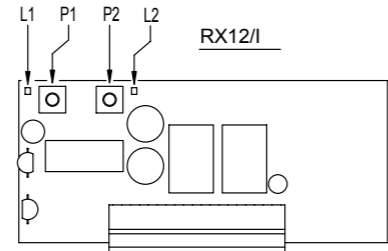
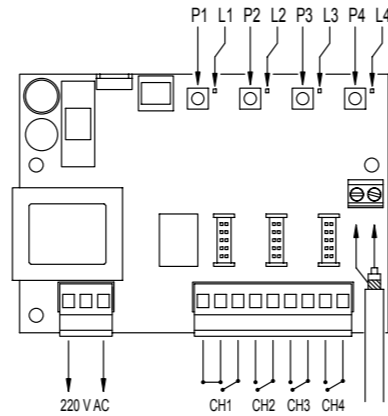
R90/F1E



RX14M/24

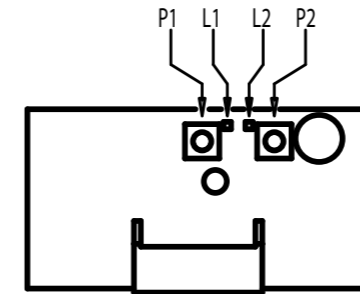


RX14M/230

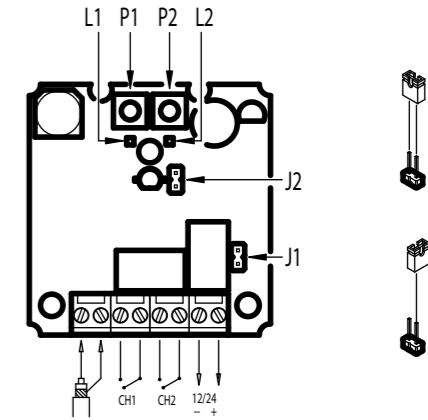


RADIO RECEIVER

H93/RX22/I



G93/RX32/U



TERMS OF SALE

TERMS OF SALE

These terms of sale apply to all orders that the Customer places with Roger Technology and form an integral part of the contract of sale. They cancel and supersede any clause or special agreement to the contrary appearing in the order or in any other document coming from the Customer.

PRICE LIST

The prices of the goods are those indicated in the last price list in force at the time of entering into the contract. The most recent price list shall always be understood as the one in force, which will supersede all previous ones. The prices of the goods are quoted ex our place of business, VAT excluded. Packaging is included.

TERMS OF DELIVERY

The goods always travel at the Customer's risk. Any theft, loss, deficit, shortages or damage of the goods does not exonerate the Customer from the obligation to pay the agreed price should the goods have been appropriately consigned to the carrier at our place of business.

Deliveries shall be made through a carrier agreed with Roger Technology, which shall charge the relative amount on the invoice, unless otherwise agreed. The Customer may agree the use of another carrier at the time of placing the order, which shall always be at the expense of the same Customer. The goods shall not be covered by an insurance policy unless explicitly requested by the Customer and at the latter's expense and risk. The date of delivery indicated in the confirmation of order, although observed by the company as far as possible, shall be understood as approximate and not binding. Roger Technology cannot be held liable for any damage due to delayed delivery. The obligation to deliver the goods is fulfilled upon consignment to the carrier. Roger Technology reserves the right to extend the dates of delivery or to terminate the contract without any obligation to pay compensation in the following cases:

1. force majeure such as unforeseeable events connected with the weather, earthquakes, strikes, fire or any other event beyond our control;
2. difficulty in obtaining supplies of raw materials;
3. incorrect indications or delays by the Customer in sending the necessary information for carrying out the order;
4. non-fulfilment of the conditions of payment by the Customer.

COMPLAINTS

Complaints are no longer accepted after 10 days have elapsed from receiving the goods. In any case the complaint may not lead to the reduction or cancellation of the order by the Customer nor any claim for compensation. Returns of goods shall always be previously authorised by Roger Technology and sent carriage paid together with the relative form.

TERM OF WARRANTY

WARRANTY

Roger Technology gives the end user a warranty of 24 months from the date of purchase, in conformity with current provisions regarding consumer protection (European Directive 1999/44/CE). This warranty is limited to the repair or replacement free of charge of parts that are shown to the Company's satisfaction to be defective due to faulty materials or workmanship. Roger Technology shall not be under any liability in the event of failure to comply with the instructions for assembly and electrical connection or with specific regulations in force at the time of installation. Neither is Roger Technology responsible for use or application of the products for purposes other than those for which they have been designed according to their nature, size and capacity load. The warranty is rendered null and void should the user omit to report the defect within the envisaged times or should the parts returned as defective have been tampered with or repaired. A complaint may never lead to the cancellation or reduction of the orders and certainly not to any delay or suspension of payment.

RETENTION OF OWNERSHIP

Roger Technology retains ownership of the sold goods until full payment for the same. Until full payment of the price has been received, the delivered goods, wherever they may be, shall therefore remain the full and exclusive property of Roger Technology.

DELAYS IN PAYMENT

Whenever payment is not made within the deadlines provided for in the invoice, delay interest at the current official bank rate plus 2% shall be applied without the need for communication or formal notice thereof.

EXCEPTIONS

The Customer accepts these terms of sale upon executing the contract or the confirmation of order. Any amendment to the same shall be undersigned by Roger Technology prior to preparing the order and in any case is applicable for the single job order.

PLACE OF JURISDICTION

The place of jurisdiction for any dispute is the Law Court of Treviso, with application of Italian Law.

ROGER TECHNOLOGY s.n.c.

CREDITS

CONCEPT AND GRAPHIC PROJECT: **además s.n.c.**

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PRINT: **Areagrafica s.r.l.**

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