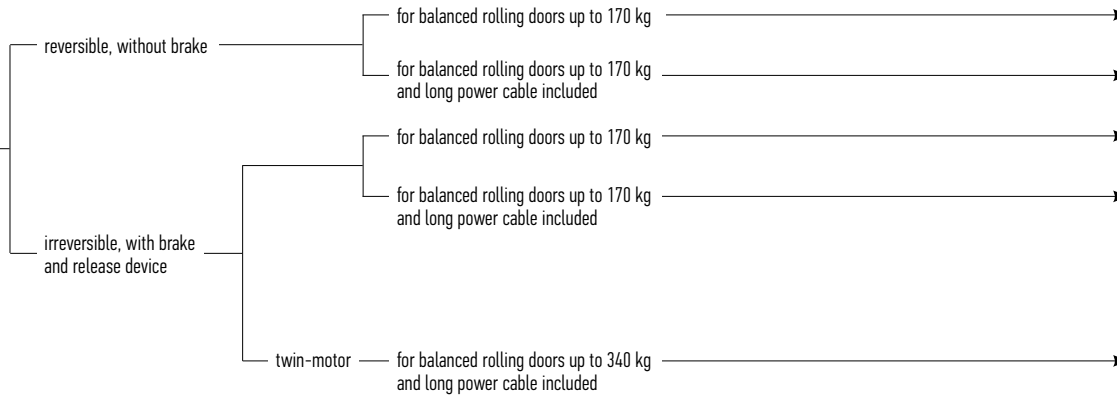


**NICE FOR BALANCED  
ROLLING DOORS**



# SELECTION GUIDE

230 Vac,  
with electromechanical  
limit switch.  
**GIRO**  
pages 156/157



**GR170R**

**GR170RE01**

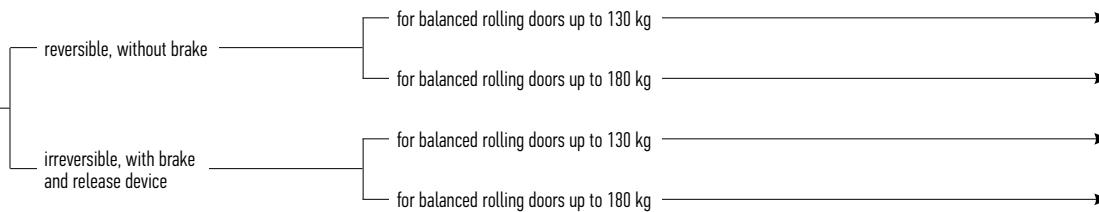
**GR170**

**GR170E01**

**GR340E01**



230 Vac,  
with electromechanical  
limit switch.  
**RONDO**  
pages 158/159



**RN2010**

**RN2020**

**RN2030**

**RN2040**



FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX

# GIRO

230V

## For balanced rolling shutters up to 170 kg and 340 kg.

Electromechanical gearmotor available both in reversible and irreversible version.

**High performance:** new irreversible twin-motor version with 800 W power and lifting force up to 340 Nm.

**Unbeatably flexible use and less inventory to keep in stock:** a single model that is designed to take a 76 mm rolling shutter shaft but can be easily adapted to take a 60 or 48 mm shaft, covering the full range of most commonly used sizes.

The outside diameter of the gear can be adapted from 200 mm to 220 or 240 mm, allowing installation on most rolling shutters.

**Technologically innovative:** the brake is built into the gearmotor and results in much smoother operation than the traditional solution.

**For all markets:** 230 and 120V versions available.

### QUICK AND EASY INSTALLATION

**During installation, the motor is supported on the shaft thanks to the practical guided coupling.**

**Easy limit switch adjustment:** automatic limit switch adjustment is achieved by simply operating the rolling shutter without any load, with the motor released, and then just fine-tuning the system manually.

**Simple system for releasing both motors at the same time.**

**Recommended control units:** Mindy A01 and A02.



PRACTICAL: LIMIT SWITCHES FOR BOTH CLOSING AND OPENING, EASY TO ADJUST

VERSATILE: CAN BE USED WITH 76, 60 AND 48 mm SHAFTS

STRONG: 100% ALUMINIUM HOUSING

CODE	DESCRIPTION	PACK./PALLET
<b>GR170</b>	FOR BALANCED ROLLING DOORS UP TO 170 kg, 230 V IRREVERSIBLE, WITH BUILT-IN BRAKE AND RELEASE DEVICE	44
<b>GR170E01</b>	FOR BALANCED ROLLING DOORS UP TO 170 kg, 230 V IRREVERSIBLE, WITH BUILT-IN BRAKE AND RELEASE DEVICE, POWER CABLE, 5 m LONG, INCLUDED IN BOX	44
<b>GR170R</b>	FOR BALANCED ROLLING DOORS UP TO 170 kg, REVERSIBLE 230 V, WITHOUT BRAKE	44
<b>GR170RE01</b>	FOR BALANCED ROLLING DOORS UP TO 170 kg, REVERSIBLE 230 V, WITHOUT BRAKE, 5 m LONG POWER CABLE INCLUDED	44
<b>GR340E01</b>	FOR BALANCED ROLLING DOORS UP TO 340 kg, IRREVERSIBLE 230 V, TWIN-MOTOR WITH BUILT-IN BRAKE AND RELEASE DEVICE, 5 m LONG POWER CABLE INCLUDED	44

### TECHNICAL SPECIFICATIONS

CODE	GR170/E01 GR170R/E01	GR340E01
<b>ELECTRICAL DATA</b>		
POWER SUPPLY (V/Hz)	230/50	
ABSORPTION (A)	1.9	3.3
POWER (W)	430	800
<b>PERFORMANCE DATA</b>		
SPEED (rpm)	8	
TORQUE (Nm)	170	340
CONTINUOUS OPERATING TIME (min)	4	
MAX. NUMBER OF OPERATIONS PER DAY	10	
<b>DIMENSIONAL AND GENERAL DATA</b>		
ROLLING SHUTTER SHAFT DIAMETER	76 - 60* - 48**	
OUTSIDE DIAMETER OF THE GEAR	200 - 220* - 240**	
PROTECTION LEVEL (IP)	20	
WORKING TEMP. (°C Min/Max)	-20 ÷ +50	
DIMENSIONS (mm)	∅ 200 x 380	
WEIGHT (kg)	7	10.5

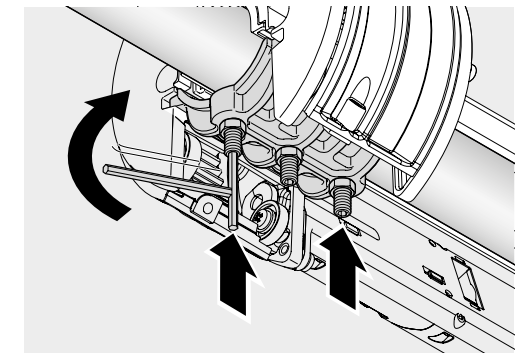
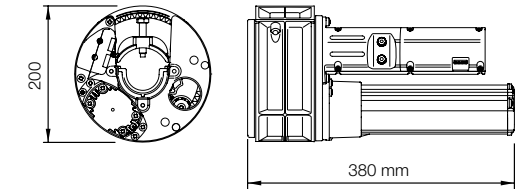
\* with adapter included in box

\*\* with additional adapter (optional extra)



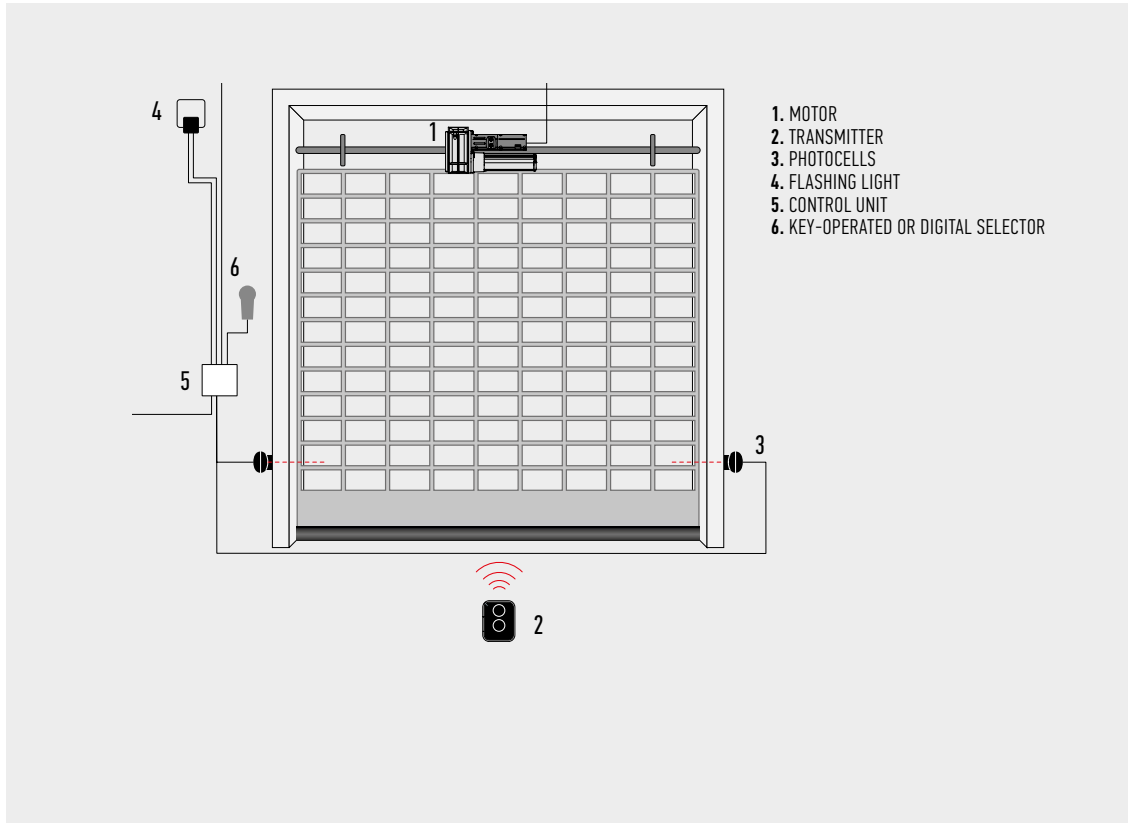
**TWIN-MOTOR VERSION:** MAXIMUM POWER, IDEAL FOR THE TOUGHEST APPLICATIONS.

### DIMENSIONS



**QUICK AND EASY INSTALLATION** DURING INSTALLATION, THE MOTOR IS SUPPORTED ON THE SHAFT THANKS TO THE PRACTICAL GUIDED COUPLING.

## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS						FLASHING LIGHT							
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX2R*	A60 / OXI-SMXI*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	F7210	F210B	F7210B	EL**	EL24	ELB	WLT
GR170 / GR170E01	●	●									●	●	●	●	●	●					●	●			●			
GR170R / GR170RE01	●	●									●	●	●	●	●	●					●	●			●			
GR340E01	●	●									●	●	●	●	●	●					●	●			●			

\*Radio receiver incompatible with Opera system  
 \*\*Only with A02 control unit

## ACCESSORIES

**A01**  
CONTROL UNIT.  
PC/PACK 1

**A02**  
CONTROL UNIT WITH AUTOMATIC CLOSING.  
PC/PACK 1

**GRA02**  
ADAPTER FOR 48 mm SHAFT.  
PC/PACK 1

**GRA03**  
ADAPTER FOR 240 mm GEAR DIAMETER.  
PC/PACK 1

**GRA01**  
ADDITIONAL MOTOR FOR GR170, COMPLETE WITH ACCESSORIES FOR SIMULTANEOUS RELEASE.  
PC/PACK 1

**KIOMINI**  
ALUMINIUM KEY SWITCH/ SWITCH LOCK BOX WITH CONTROL AND RELEASE BUTTON.  
PC/PACK 1

**K10**  
KEY SELECTOR FOR LOW-VOLTAGE CONTACTS, WITH RELEASE MECHANISM FOR METAL CABLE.  
For use in conjunction with A01 and A02-series control units.  
PC/PACK 1

**TS**  
SIGNBOARD.  
PC/PACK 1

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason. Approximate draft.

FOR SWING GATES  
 FOR SLIDING GATES  
 BARRIER GATE OPERATOR SYSTEMS  
 FOR GARAGE AND INDUSTRIAL DOORS  
 CONTROL SYSTEMS AND ACCESSORIES  
 COMPATIBILITY TABLE AND ALPHABETICAL INDEX

# RONDO

230V

**For balanced rolling doors up to 130 kg and 180 kg.**  
Electromechanical gearmotor available both in reversible and irreversible version.

**Smart:** the limit switch unit and wiring are protected by an elegant box; pre-wired capacitor.

**Fast:** easy and intuitive adjustment of the limit switches both during opening and closing.

**Complete:** supplied with 200 mm and 220 mm flange for 60 mm shafts, with 48 mm and 42 mm adaptors.

**Easy to install:** thanks to the guided connector, you don't need to hold the motor while you secure it using just 3 screws.

**Recommended control units:**

Mindy A01 and A02, - easy to use, complete and reliable, featuring:

- semi-automatic or automatic operation;
- complete reverse run with photocell;
- step-by-step operation;
- programmable Step-by-step/Open input;
- programmable Stop/Photo input;
- input for resistive edge;
- incorporated radio card, compatible with the Nice Flo, FloR and Smilo systems.



COMPLETE: DESIGNED FOR CORDOPERATED RELEASE

STURDY: HOUSING IN 100% ALUMINIUM

PRACTICAL: EASY TO ADJUST, ELECTROMECHANICAL LIMIT SWITCHES BOTH DURING CLOSING AND OPENING

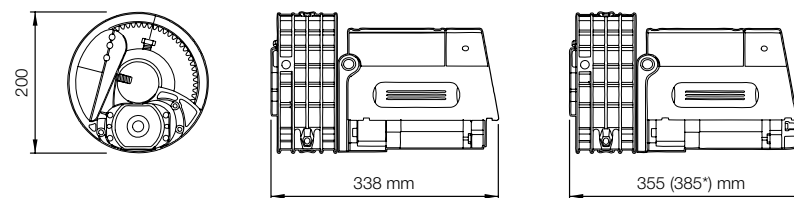
CODE	DESCRIPTION	PACK/PALLET
<b>RN2010</b>	FOR BALANCED ROLLING DOORS UP TO 130 kg, 230 V REVERSIBLE, WITHOUT BRAKE	35
<b>RN2020</b>	FOR BALANCED ROLLING DOORS UP TO 180 kg, 230 V REVERSIBLE, WITHOUT BRAKE	35
<b>RN2030</b>	FOR BALANCED ROLLING DOORS UP TO 130 kg, IRREVERSIBLE, WITH BRAKE AND RELEASE DEVICE	35
<b>RN2040</b>	FOR BALANCED ROLLING DOORS UP TO 180 kg, IRREVERSIBLE, WITH BRAKE AND RELEASE DEVICE	35

**TECHNICAL SPECIFICATIONS**

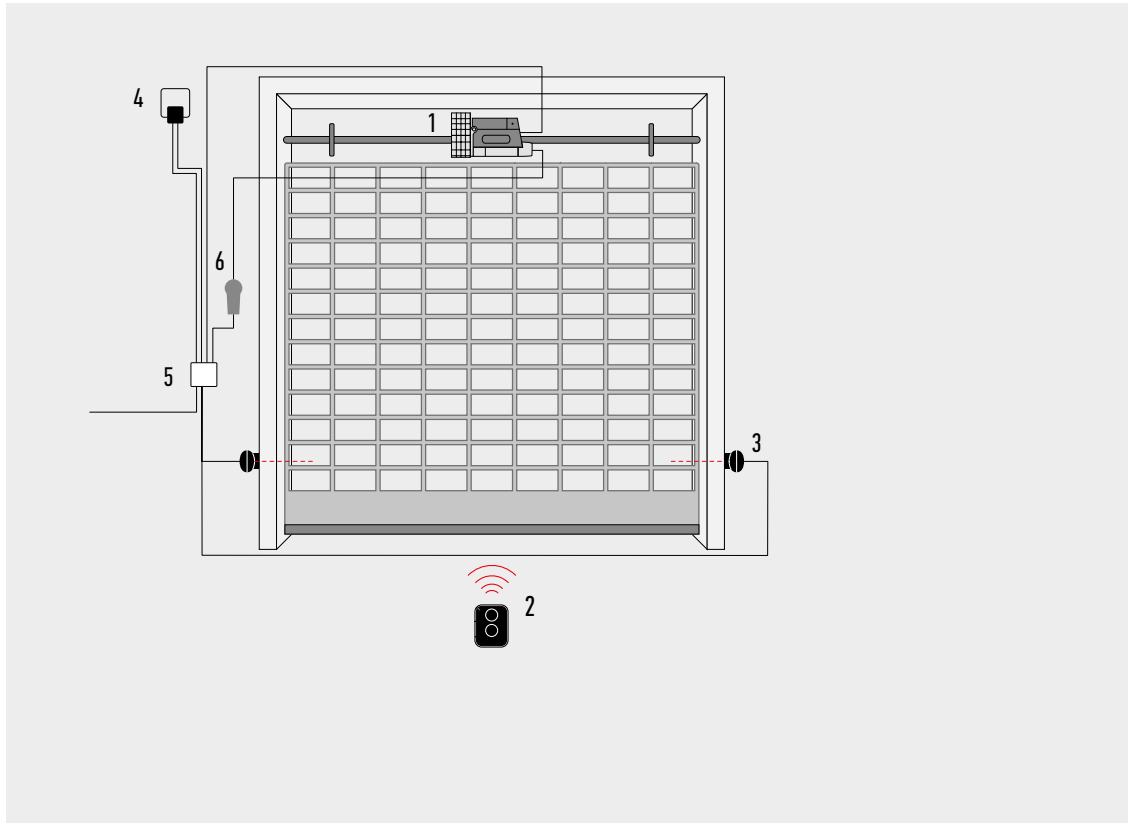
CODE	RN2010	RN2030	RN2020	RN2040
<b>ELECTRICAL DATA</b>				
POWER SUPPLY (Vac 50 Hz)*	230			
ABSORPTION (A)	2			2.6
POWER (W)	450			600
<b>PERFORMANCE DATA</b>				
SPEED (rpm)	10			
TORQUE (Nm)	130			180
WORK CYCLE MAX (%)	50% WITH 30 S ON AND 30 S OFF			
<b>DIMENSIONAL AND GENERAL DATA</b>				
PROTECTION LEVEL (IP)	20			
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50			
DIMENSIONS (mm)	Ø 210x338	Ø 210x355	Ø 210x338	Ø 210x385
WEIGHT (kg)	9.5		10	

\*60 Hz version available on request.

**DIMENSIONS**



## INSTALLATION DIAGRAM



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	CONTROL UNIT / RECEIVER										TRANSMITTER				PHOTOCELLS						FLASHING LIGHT								
	A01 / Built-in*	A02 / Built-in*	A6F / FLOX12R*	A700F / FLOX12R*	A60 / OXI-SMX1*	A500 / FLOX12R*	A924 / FLOX12R*	MC424L / OXI	MC824H / OXI	MC824HR / OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	F7210	F210B	F7210B	EL**	EL24	ELB	WLT	
RN2010	●	●									●	●	●	●	●	●					●	●			●				
RN2020	●	●									●	●	●	●	●	●					●	●			●				
RN2030	●	●									●	●	●	●	●	●					●	●			●				
RN2040	●	●									●	●	●	●	●	●					●	●			●				

\*Radio receiver incompatible with Opera system  
\*\*Only with A02 control unit

## ACCESSORIES



**A01**  
CONTROL UNIT.  
PC/PACK 1



**A02**  
CONTROL UNIT  
WITH AUTOMATIC CLOSING.  
PC/PACK 1



**K10**  
KEY-OPERATED SELECTOR  
SWITCH FOR LOW VOLTAGE  
CONTACTS, WITH RELEASE  
MECHANISM FOR METAL  
CORD.  
PC/PACK 1



**RNA01**  
ELECTRONIC BRAKE  
FOR RN2020 AND RN2010.  
PC/PACK 1



**TS**  
SIGNBOARD.  
PC/PACK 1

FOR SWING GATES

FOR SLIDING GATES

BARRIER GATE  
OPERATOR SYSTEMS

FOR GARAGE  
AND INDUSTRIAL DOORS

CONTROL SYSTEMS  
AND ACCESSORIES

COMPATIBILITY TABLE  
AND ALPHABETICAL INDEX