

ROBUS 250/500 HS

NEW SOLEMYO OPERA BLUEBUS 24V

For hi-speed automation of sliding gates weighing up to 250 kg (RB250HS) and up to 500 kg (RB500HS), for residential and industrial applications.

24 Vdc electromechanical gear motor.

Ideal for intensive use, opening a 4 m gate takes around 10* seconds with RB250HS and around 9* seconds with RB500HS.

User-friendly: thanks to the Nice BlueBUS technology, the control unit can be connected to up to seven couples of photocells, control, security and signalling devices, using two wires only.

Practical: the control unit and PS124 buffer battery (optional) can be connected by means of a simple connector and can be housed directly inside Robus.

Advanced: the temperature sensor adapts the motor power to the climatic conditions and at the same time thermal cut-out.

A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and at the end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

* Considering standard installation, excluding acceleration and deceleration.



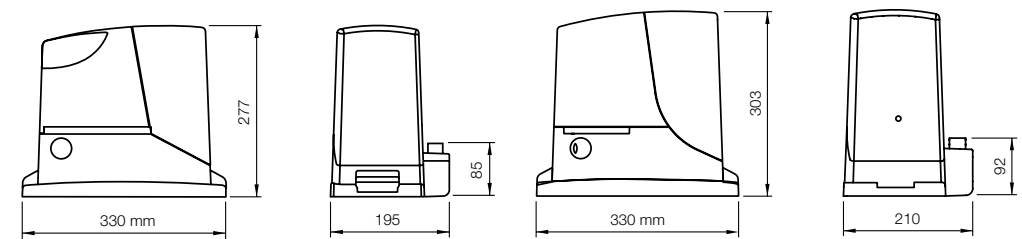
PRESSURE DIE-CAST ALUMINIUM BASE AND RELEASE, WITH EPOXY PAINTING

CODE	DESCRIPTION	PACK/PALLET
RB250HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 250 kg	14
RB500HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 500 kg	14

TECHNICAL SPECIFICATIONS

CODE	RB250HS	RB500HS
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	230
ABSORPTION (A)	2.1	2.2
POWER (W)	430	450
PERFORMANCE DATA		
SPEED (m/s)	>> 0.4 <<	>> 0.44 <<
TORQUE (Nm)	310	360
WORK CYCLE (CYCLES/HOUR)	50	20
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	330x195x277 h	330x210x303 h
WEIGHT (kg)	8	11

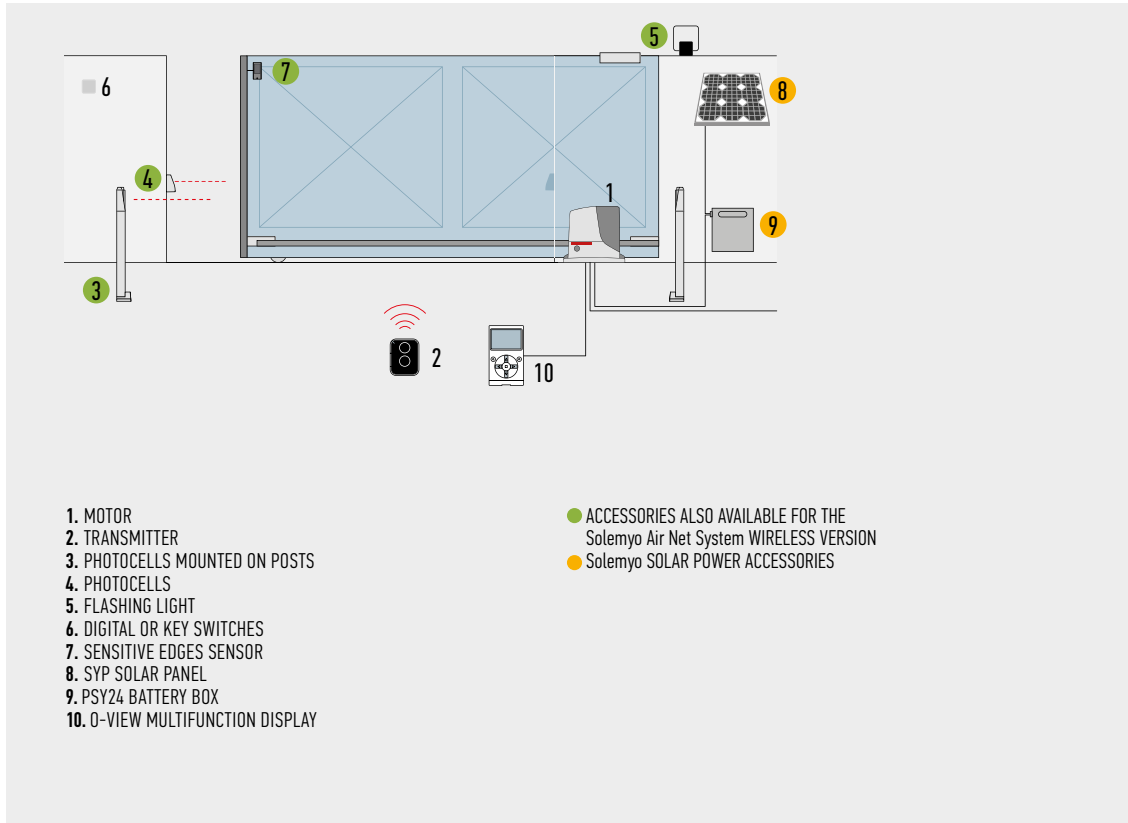
DIMENSIONS



RB250

RB500

INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	RECEIVER		TRANSMITTER				PHOTOCELLS						FLASHING LIGHT								
	Built-in*	FLOX2R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	F7210B	EL	EL24	ELB	WLT
RB250HS			●	●	●	●	●				●	●	●			●	●			●	●
RB500HS			●	●	●	●	●				●	●	●			●	●			●	●

*Radio receiver incompatible with Opera system

ACCESSORIES

RBA3/HS
SPARE CONTROL UNIT FOR RB250HS AND RB500HS.
PC/PACK 1

PS124
24 V BATTERY WITH INTEGRATED BATTERY CHARGER.
PC/PACK 1

RBA1
INDUCTIVE LIMIT SWITCH.
PC/PACK 1

ROA6
(FOR RB400)
M4 25x20x1000 mm SLOTTED NYLON RACK WITH METAL INSERT FOR GATES WEIGHING UP TO 500 kg.
PC/PACK 10

ROA7
M4 RACK, ZINC COATED, 22x22x1000 mm.
PC/PACK 10

ROA8
M4 RACK, 30x8x1000 mm, ZINC COATED WITH SPACERS AND SCREWS.
PC/PACK 10

TS
SIGNBOARD.
PC/PACK 1



KIT SOLEMYO
THE SOLAR POWER TO AUTOMATE GATES, GARAGE DOORS OR BARRIER GATES. SEE PAGE 200

FOR SWING GATES

FOR SLIDING GATES HI-SPEED SERIES

BARRIER GATE OPERATOR SYSTEMS

FOR GARAGE AND INDUSTRIAL DOORS

CONTROL SYSTEMS AND ACCESSORIES

COMPATIBILITY TABLE AND ALPHABETICAL INDEX

RUN 400/1200 HS

NEW OPERA BLUEBUS 24V

For hi-speed automation of sliding gates weighing up to 400 kg (RUN400HS) and up to 1200 kg (RUN1200HS), for residential and industrial applications.

24 Vdc electromechanical gear motor.

The fastest: ideal for industrial applications, designed for intensive use.



Rapid manoeuvres, with opening and closing; opening a 4 m gate takes around 6* seconds with RUN400HS, while opening a 7 m gate takes around 18* seconds with RUN1200HS.

User-friendly: thanks to the Nice BlueBUS technology, the control unit can be connected to up to seven couples of photocells, control, security and signalling devices, using two wires only.

Practical: the control unit and PS524 battery charger (to which two B12-B batteries should be added) can be connected by means of a simple connector and can be housed directly inside the motor.

Advanced: the temperature sensor adapts the motor power to the climatic conditions and at the same time thermal cut-out. A master/slave selection automatically synchronises two motors. This means it is possible to automate 2-leaf sliding gates set opposite each other.

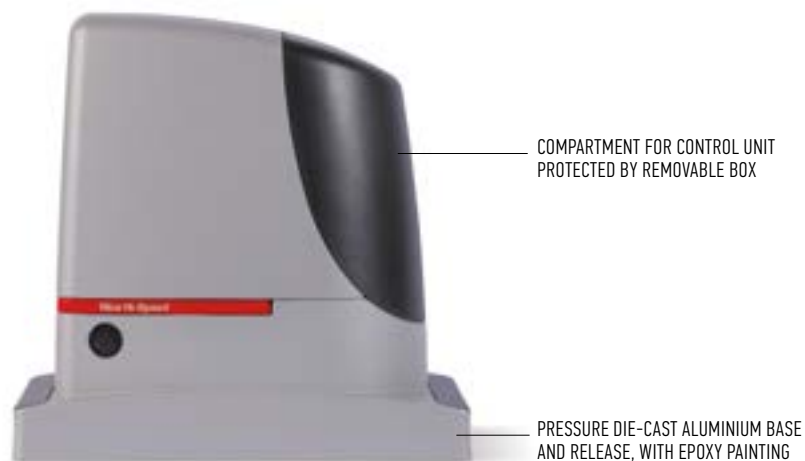
Intelligent: thanks to the obstacle detection system and automatic programming of the working times. Self-diagnosis by means of a flashing light. 8 programming levels.

Safe: acceleration and deceleration can be adjusted at the beginning and at the end of each opening and closing manoeuvre.

Sturdy: base and release in pressure die cast with easy to open handle.

Very quiet: gear motor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

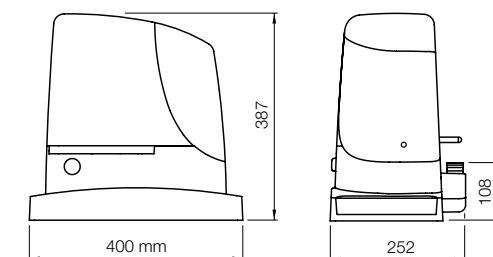


CODE	DESCRIPTION	PACK/PALLET
RUN400HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 400 kg	12
RUN1200HS	IRREVERSIBLE, 24 Vdc, FAST, WITH INCORPORATED CONTROL UNIT, WITH ELECTROMECHANICAL LIMIT SWITCH, FOR GATES UP TO 1200 kg	12

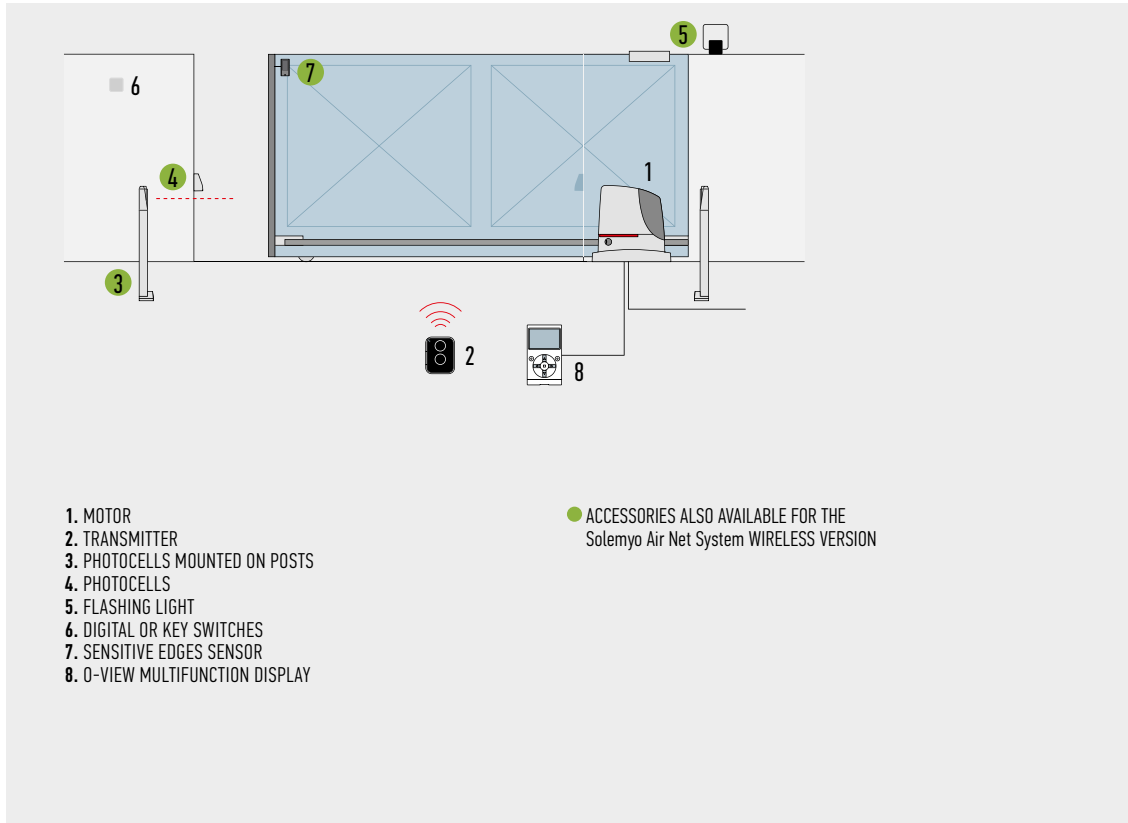
TECHNICAL SPECIFICATIONS

CODE	RUN400HS	RUN1200HS
ELECTRICAL DATA		
POWER SUPPLY (Vac 50/60 Hz)	230	230
ABSORPTION (A)	2	2
POWER (W)	415	415
PERFORMANCE DATA		
SPEED (m/s)	>> 0.7 <<	>> 0.37 <<
TORQUE (Nm)	409	790
WORK CYCLE (CYCLES/HOUR)	60	60
DIMENSIONAL AND GENERAL DATA		
PROTECTION LEVEL (IP)	44	
WORKING TEMP. (°C MIN/MAX)	-20 ÷ +50	
DIMENSIONS (mm)	400x255x387 h	
WEIGHT (kg)	24.5	

DIMENSIONS



INSTALLATION DIAGRAM



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

CODE	RECEIVER		TRANSMITTER				PHOTOCELLS						FLASHING LIGHT									
	Built-in*	FLOX12R*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	F210	FT210	F210B	FT210B	EL	EL24	ELB	WLT	
RUN400HS			●	●	●	●					●	●	●			●	●				●	●
RUN1200HS			●	●	●	●	●				●	●	●			●	●				●	●

*Radio receiver incompatible with Opera system

ACCESSORIES



RUA6
 SPARE CONTROL UNIT
 FOR RUN400HS AND
 RUN1200HS.
 PC/PACK 1



B12-B
 12 V, 6 Ah BATTERIES.
 PC/PACK 1



PS524
 CHARGE CARD
 FOR 7 Ah BATTERIES.
 PC/PACK 1



RBA1
 INDUCTIVE LIMIT SWITCH.
 PC/PACK 1



ROA7
 M4 RACK, ZINC COATED,
 22X22X1000 mm.
 PC/PACK 10



ROA8
 M4 RACK, 30X8X1000 mm,
 ZINC COATED WITH SPACERS
 AND SCREWS.
 PC/PACK 10



ROA81
 M6 RACK, 30X30X1000 mm,
 ZINC COATED, TO BE
 COUPLED WITH RUA12.
 PC/PACK 1



RUA12
 12-TEETH PINION,
 MODULE 6, TO BE COUPLED
 WITH RACK ROA81.
 The Run automation is supplied
 with a module 4 pinion to be used
 with the standard racks ROA7
 and ROA8.
 PC/PACK 1



TS
 SIGNBOARD.
 PC/PACK 1

FOR SWING GATES

FOR SLIDING GATES
 HI-SPEED SERIES

BARRIER GATE
 OPERATOR SYSTEMS

FOR GARAGE
 AND INDUSTRIAL DOORS

CONTROL SYSTEMS
 AND ACCESSORIES

COMPATIBILITY TABLE
 AND ALPHABETICAL INDEX