| SOLEMYO | OPERA | BLUEBUS | 24V |

Robus HS

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 7 couples of photocells, control, security and signalling devices, using two wires only.

Practical: control unit and buffer batteries PS124 (optional) connected by practical guided plug-in connector, housed in the gearmotor.

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.

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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.

Silent: gear motor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

Compartment for control unit protected by removable box

Pressure die-cast aluminium base and release, with epoxy painting

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

COMMON ACCESSORIES

IBT4N
Interface for connecting the O-View programming unit.
Pc./Pack 1

IT4WIFI
Smart Wi-fi interface to manage gates and garage doors by smartphone (*).
Pc./Pack 1

RBA3/HS
Spare control unit for RB250HS and RB-500HS.
Pc./Pack 1

PS124
24 V battery with integrated battery charger.
Pc./Pack 1

RBA1
Inductive limit switch.
Pc./Pack 1

ROA6
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

SOLEMYO KIT
The solar power to automate gates, garage doors or barrier gates.
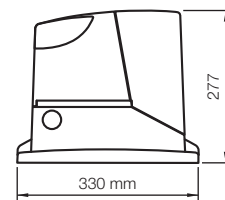See page 213.

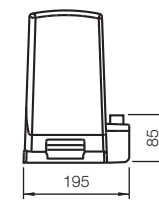* Not compatible with the Solemyo kit and PS124

TECHNICAL SPECIFICATIONS

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

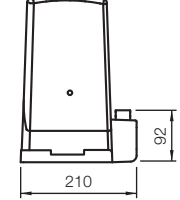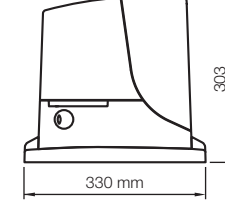| Code	**RB250HS**	**RB500HS**
ELECTRICAL DATA		
Power supply (Vac 50/60 Hz)	230	230
Absorption (A)	2.1	2.2
Power (W)	430	450
PERFORMANCE DATA		
Speed (m/s)	>> 0.4 <<	>> 0.44 <<
Force (N)	310	360
Work cycle (cycles/hour)	50	20
DIMENSIONAL AND GENERAL DATA		
Protection level (IP)	44	
Working temp. (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	330x195x277 h	330x210x303 h
Weight (kg)	8	11

DIMENSIONS

RB250

RB500

COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver		transmitter				photocells												flashing light		
	Built-in*	OXI	ERA INTI	ERA ONE	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPSB	EPMB	EPLB	EPMOW	EPMOR	F210	FT210	F210B	FT210B	ELAC	ELDC	WLT
RB250HS		•	•	•	•	•				•	•	•	•	•			•	•		•	•
RB500HS		•	•	•	•	•				•	•	•	•	•			•	•		•	•

* Radio receiver incompatible with Opera system