


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. 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.

Silent: gear motor on bearings.

* Considering standard installation, excluding acceleration and deceleration.

Nice **BiDirectional products** indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

Yubii is the new Nice ecosystem that connects all the automations in the home.

Discover all the benefits of the Yubii system on page 168.



Compartment for control unit protected by removable box

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

COMMON ACCESSORIES



CORE
Nice Wi-Fi-Radio
Gateway.
Pc./Pack 1



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



BIDI-ZWAVE
Plug-in communica-
tion interface between
Z-Wave™ gateways
and Nice motors.
Pc./Pack 1



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



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



PS124
24 V battery with in-
tegrated 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



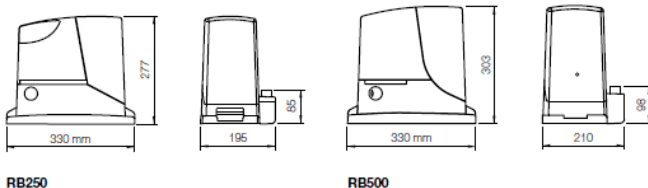
SOLEMYO KIT
The solar power to
automate gates, garage
doors or barrier gates.
See page 229.

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



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	receiver		transmitter							photocells						flashing light							
	Built-in*	OXBD	OXLR	ERA WTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPN	EPL	EPSP	EPNB	EPBS	EPNW	EPNOR	PZ10	PZ10B	PZ10B	ELAC	ELDC	WLT
RB250HS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RB500HS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

* Radio receiver incompatible with Opera system

* Not compatible with the Solemyo kit and PS124