

# Wingo HS

For hi-speed automation of swing gates with leaves up to 3 m or 200 Kg

## Ideal for residential applications.

24 Vdc, electromechanical gear motor, surface mounted, with magnetic encoder.

**Quick manoeuvres: 90° opening in about 10\* seconds.**

**Reliable:** the magnetic encoder ensures the safeguard of set values over time and precise obstacle detection.  
**Silent:** patented layout of internal parts, fewer moving parts.

**Easy to install:** after the gear motor has been assembled, all electrical connections are made from above.  
**Pre-assembled travel stops** on opening.

### Moonclever MC824H control unit:

- simple programming, by means of a single key;
- automatic memorization of limit switches on opening and closing with self-learning function;
- automatic fault diagnostics;
- programming of pause time;
- pedestrian pass door;
- deceleration on opening and closing;
- obstacle detection with dual technology;
- operation in event of power failure by means of optional rechargeable batteries (PS324);
- provision for connection of latest generation resistive sensitive edges.

\* 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.

User-friendly release with personalised Nice key



Exclusive patented layout of internal parts

## COMMON ACCESSORIES



### CORE

Nice Wi-Fi Radio Gateway.

Pc./Pack 1



### IBT4N

Interface for connecting the O-View programming unit.

Pc./Pack 1



### BIDI-ZWAVE

Plug-in communication interface between Z-Wave™ gateways and Nice motors.

Pc./Pack 1



### IT4WIFI

Smart Wi-Fi interface to manage gates and garage doors by smartphone (\*).

Pc./Pack 1



### PS324

24 V battery with integrated battery charger.

Pc./Pack 1



### PLA14

Screw-adjustable rear bracket.

Pc./Pack 2



### PLA15

Screw-adjustable front bracket.

Pc./Pack 2



### PLA10

Vertical 12 V electric lock.

Pc./Pack 1



### PLA11

Horizontal 12 V electric lock.

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
WG35Z4HS	Irreversible, 24 Vdc, fast, with magnetic encoder, mechanical stop on opening and closing	20
Code	<b>WG35Z4HS</b>	
<b>ELECTRICAL DATA</b>		
Power supply (Vdc)	24	
Absorption (A)	5	
Power (W)	120	
<b>PERFORMANCE DATA</b>		
Speed (m/s)	>> 0,04 <<	
Force (N)	1500	
Work cycle (cycles/hour)	30	
<b>DIMENSIONAL AND GENERAL DATA</b>		
Protection level (IP)	44	
Working temp. (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	920x98x95 h	
Weight (kg)	6	

Hi-Speed series  
For swing gates

For sliding gates

Barrier gate  
operator systems

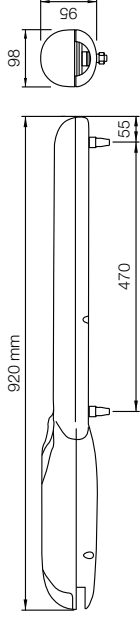
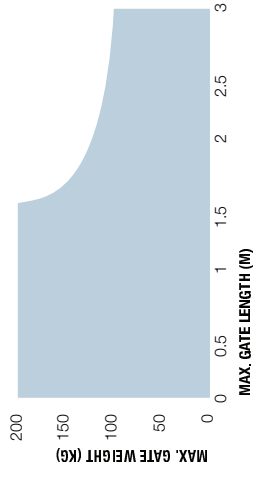
For garage  
and industrial doors

Control systems  
and accessories

Compatibility table  
and alphabetical index

## DIMENSIONS

## UTILISATION LIMITS



## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver			transmitter				photocells								flashing light											
	MC200 / Built-in*	OX1B / OX1R	DP0500 / OX1B / OX1R	DP0924 / OX1B / OX1R	MC424 / Built-in* / OX1B / OX1R	MC824 / OX1B / OX1R	MC824H / OX1B / OX1R	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EPFB	EPMB	EPLB	EPMOW	F210	F210B	FT210B	ELAC	ELDC	WLT	
WG35Z4HS																											

\* Radio receiver incompatible with Opera system