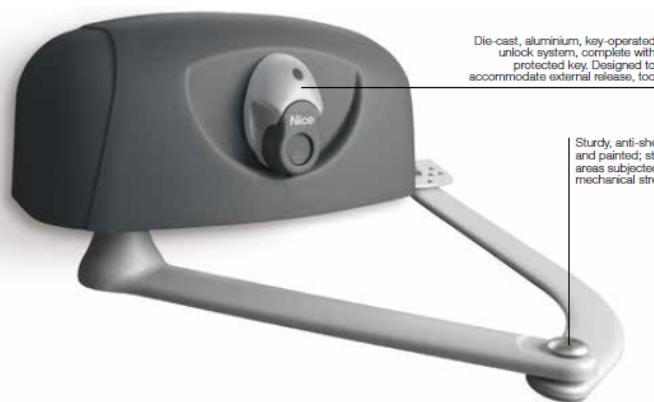


# Hyppo 7000

For swing gates with leaves up to 3 m, ideal for large columns



Electromechanical gear motor, surface mounted, also in 24 Vdc version with magnetic encoder, with articulated arm.

Single model for right and left leaves.

Two irreversible versions, with 230 Vac (HY7005) and 24 Vdc (HY7024) power supplies with magnetic encoder.

**Easy and quick to install:** thanks to fewer connections and nothing welded to the gates.

**Pre-wired, incorporated double limit-switch** both during opening and closing (HY7005).

**Long-lasting:** solid metal mechanics.

**Compact:** shockproof bodywork with no sharp corners.

**Recommended control units:** Moonclever MC800 for HY7005; Moonclever MC824H for HY7024.

**24 Vdc version with magnetic encoder. Perfect for intensive use,** compatible with the control unit Moonclever MC824H:

- 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.

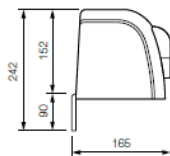
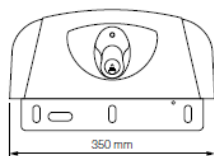
Nice **BiDirectional** products indicate the status of the automations and confirm correct reception of the command.

Discover the complete range of BiDirectional products on page 176.

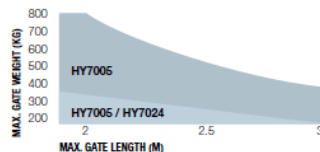
**Yubii** is the new Nice ecosystem that connects all the automations in the home.

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

## DIMENSIONS



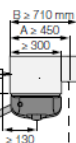
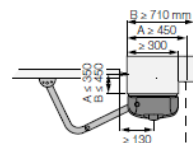
## UTILISATION LIMITS



**A** Standard arm - **B** Arm with accessory HVA12

The shape, the height of the gate and the weather conditions can considerably reduce the values shown in the graph to the side.

Use in windy areas 230 Vac models.



## 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 smart-phone (\*).  
Pc./Pack 1



**HYA12**  
Longer articulated arm (see the layout).  
Pc./Pack 1



**PLA10**  
Vertical 12 V electric lock.  
Pc./Pack 1



**PLA11**  
Horizontal 12 V electric lock.  
Pc./Pack 1



**KIO**  
Key-operated selector switch for low voltage contacts, with release mechanism for metal cord.  
Pc./Pack 1



**KA1**  
6 m cable release kit for KIO.  
Pc./Pack 1



**TS**  
Signboard.  
Pc./Pack 1



**PS324**  
24 V battery with integrated battery charger.  
Pc./Pack 1



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

\* Not compatible with the Solemyo kit.

## TECHNICAL SPECIFICATIONS

Code	Description	Pack/Pallet
<b>HY7024</b>	Irreversible, 24 Vdc, with magnetic encoder, with shear-proof articulated arm, galvanized and painted	16
<b>HY7005</b>	Irreversible, 230 Vac, with sturdy articulated shear-proof arm, galvanized and painted, with limit switch on opening and closing	16

Code	HY7024	HY7005
<b>ELECTRICAL DATA</b>		
Power supply (Vac 50 Hz)*	-	230
Power supply (Vdc)	24	-
Absorption (A)	5	1.2
Power (W)	120	258
<b>PERFORMANCE DATA</b>		
Speed (rpm)	2	1,7
Torque (Nm)	250	400
Work cycle (%)	80	30
<b>DIMENSIONAL AND GENERAL DATA</b>		
Protection level (IP)	43	
Working temp. (°C Min/Max)	-20 ÷ +50	
Dimensions (mm)	350x165x242 h	
Weight (kg)	13	

\* 60 Hz version available on request.

## COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver				transmitter				photocells				flashing light	
	MC200 / Built-in MC300 / EXLER EPN300 / EXLER DPRO24 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER	MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER MC200 / EXLER	ERA ONE ERA ONE ERA ONE BD ERA ONE LR ERA FLOR NICEWAY	ERA ONE ERA ONE ERA ONE BD ERA ONE LR ERA FLOR NICEWAY	EPN EPN EPL EPN EPL EPL EPL EPL EPL EPL	EPN EPN EPL EPN EPL EPL EPL EPL EPL EPL	FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10	FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10 FZ10	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC	ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC ELAC
<b>HY7024</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•
<b>HY7005</b>	•	•	•	•	•	•	•	•	•	•	•	•	•	•

\* Radio receiver incompatible with Opera system