

# Hyppo7000

## For swing gates with leaves up to 3m also with large pillars.

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

### Single model for right and left leaves.

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

Fewer connections mean **quicker installation.**

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

**Easy to install:** nothing welded to the gates.

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

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

### Recommended control units:

Mindy A3, A3F, A6, A6F, A60, A700F; for HY7024 Mindy A824

**24Vdc version** with magnetic encoder, perfect for intensive use

- easy programming by pressing a single button
- clutch with anti-crush safety feature
- automatic memorization of limit switches in opening and closing with self-learning function
- pause time programming; partial opening; slowdown during opening and closing
- the system will operate during a blackout by means of rechargeable batteries

Die-cast, aluminium, key-operated unlock system, complete with protected key. Designed to accommodate external release, too

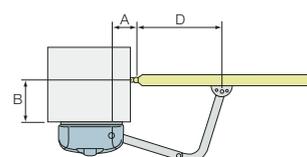


Sturdy, anti-shearing arm, galvanised and painted; strengthened in those areas subjected to greater mechanical stress

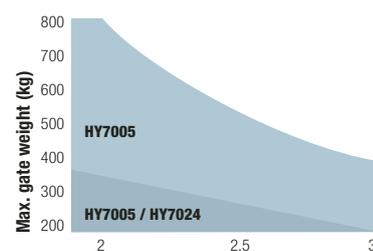
Code	Description	Pack/pallet
<b>HY7024</b>	irreversible, 24Vdc, with magnetic encoder, with shear-proof articulated arm, galvanised and painted	16
<b>HY7005</b>	irreversible, 230Vac, with sturdy articulated shear-proof arm, galvanised and painted, with limit switch in opening and closing	16

Technical specifications		HY7024	HY7005
Power	(Vac 50Hz)	-	230
	(Vdc)	24	-
Current absorbed	(line) (A)	5	1.2
Power absorbed	(W)	120	250
Incorporated capacitor	(µF)	-	10
Protection level	(IP)	44	
Torque	(Nm)	250	400
Speed	(Rpm)	2	1.7
Opening time	(s)	10	12
Working temp.	(°C Min/Max)	-20 ÷ +50	
Thermal cut-out	(°C)	-	140
Work cycle	(%)	80	30
Dimensions	(mm)	350x242x165	
Weight	(kg)	13	

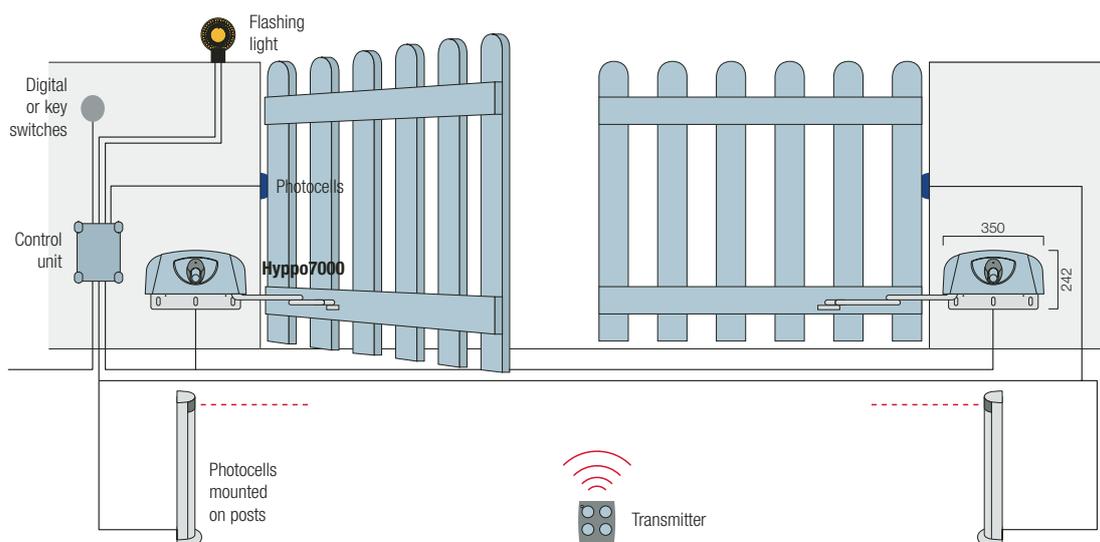
### Utilisation limits



	standard	HYA12
<b>A max</b>	150	400
<b>B max</b>	350	450
<b>D max</b>	450	800



N.B. The above values are valid if the motor is used with standard accessories. 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 230Vac models.



Approximate draft

**Accessories**



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



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



**HYA12**  
longer articulated arm (see the layout)  
Pc./pack 1



**PLA10**  
vertical 12V electric lock (required for gates longer than 3m)  
Pc./pack 1



**PLA11**  
horizontal 12V electric lock (required for gates longer than 3m)  
Pc./pack 1



**TS**  
signboard  
Pc./pack 1  
€ 2,50

**Accessories for HY7024**



**CARICA**  
plug-in card for battery charger for use with A824  
Pc./pack 1



**B12-B**  
12V 6Ah batteries  
Pc./pack 1



**B12V-C**  
12V 2Ah batteries  
Pc./pack 1



**BA3-A**  
Nice box for batteries  
(see spare parts price-list)

Nice recommends customers order products in pallets in order to facilitate storage and delivery, and ensure packs are uniform. The number of packs per single pallet has been specified for this reason.