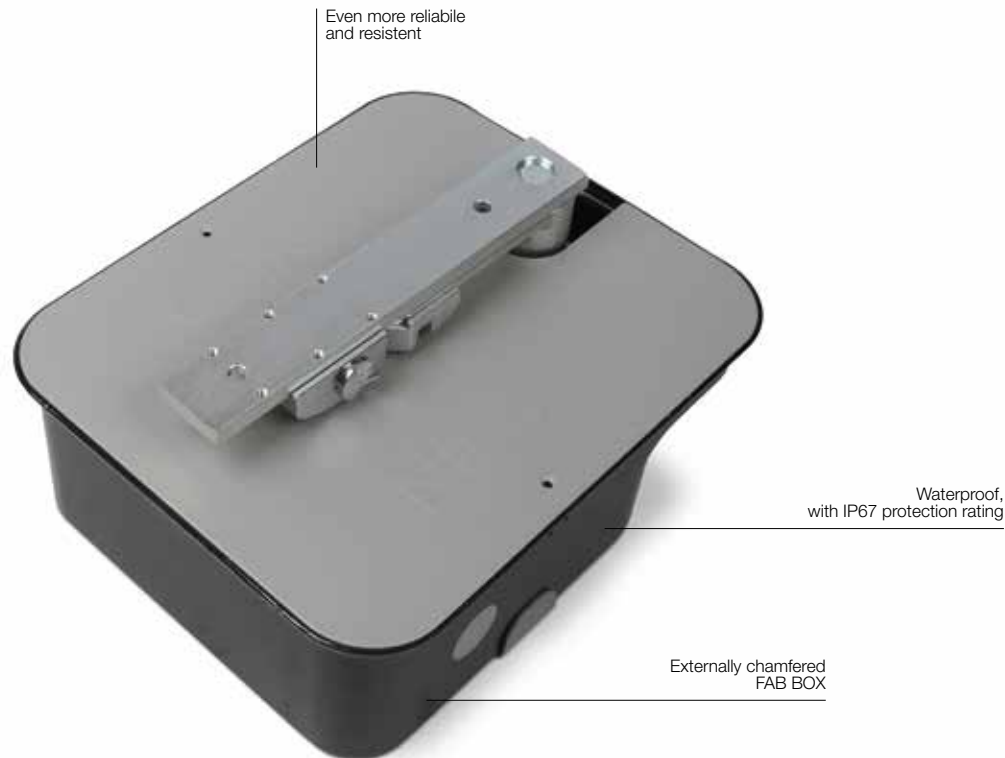


M-Fab HS

For hi-speed automation of swing gates with leaves up to 3 m or 300 Kg



Underground installation, ideal for residential applications.

24 Vdc electromechanical gear motor, with magnetic encoder.

Ideal for intensive use and quick manoeuvres: 90° opening in about 8* seconds.

Foundation boxes externally chamfered, Fab Box with mechanical stop on opening:

- **in stainless steel** (MFABBOXI), ideal for use in extreme conditions;
- **with the cataphoresis paint finish** (MFABBOX), highly resistant to corrosion.

Reliable and resistant: motors made up of solid internal parts in metal. New IP67 waterproof die cast aluminium.

Total freedom of choice: release from inside and outside, two key-operated models or freely compatible lever version and easily activated with just one hand.

Simple installation: mechanical stop system on closure. Standard opening max. 110°, optional opening 360°.

Totally compatible with the previous Metro series.

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.

COMMON ACCESSORIES



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



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



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



MEA2
Key unlock system.
Pc./Pack 1



MEA3
Lever-type key unlock system to use when system is installed on surfaces such as sand or earth.
Pc./Pack 1



MEA5
Lever-type unlock key.
Pc./Pack 4



MEA6
Limit switch bracket, for installations where box embedding in concrete is not possible.
Pc./Pack 4



MEA1
Accessory for opening up to 360° for gates max. 2.5 m in length.
Pc./Pack 4



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



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



TS
Signboard.
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 and PS324

TECHNICAL SPECIFICATIONS

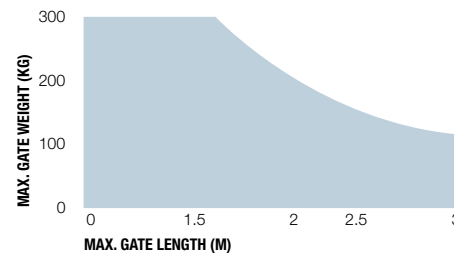
Code	Description	Pack/Pallet
MFAB3024HS	Irreversible 24 Vdc, fast, with magnetic encoder, complete with connecting lever and mechanical stop for the closing manoeuvre	18

Code	Description	Pack/Pallet
MFABBOXI	Externally chamfered foundation box in stainless steel with mechanical stop on opening	20
MFABBOX	Externally chamfered foundation box with cataphoresis finish with mechanical stop on opening	20

Note: key release mechanism, freely compatible with selection of models MEA2 and MEA3 motor.

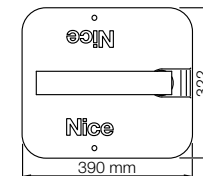
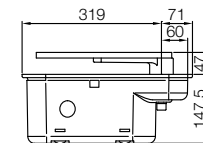
Code	MFAB3024HS
ELECTRICAL DATA	
Power supply (Vdc)	24
Absorption (A)	6
Power (W)	170
PERFORMANCE DATA	
Speed (rpm)	>> 2,6 <<
Torque (Nm)	180
Work cycle (cycles/hour)	80
DIMENSIONAL AND GENERAL DATA	
Protection level (IP)	67
Working temp. (°C Min/Max)	-20 ÷ +50
Dimensions (mm)	390x322x194 h
Weight (kg)	11

UTILISATION LIMITS



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

DIMENSIONS



COMPATIBILITY TABLE WITH CONTROL SYSTEMS AND ACCESSORIES

Code	control unit/receiver				transmitter				photocells				flashing light												
	MC200 / Built-in*	MC800 / OXIBD / OXILR	DPD500 / OXIBD / OXILR	DPD924 / OXIBD / OXILR	MC424L / Built-in* / OXIBD / OXILR	MC324H / OXIBD / OXILR	MC324HR / OXIBD / OXILR	ERA INTI	ERA ONE	ERA ONE BD	ERA ONE LR	ERA FLOR	NICEWAY	EPS	EPM	EPL	EP5B	EPMB	EPLB	EPMDW	F210	F210B	F2108	ELAC	ELDC
MFAB3024HS						•	•	•	•	•	•	•					•	•	•	•				•	•

* Radio receiver incompatible with Opera system

For swing gates
Hi-Speed series

For sliding gates

Barrier gate
operator systems

For garage
and industrial doors

Control systems
and accessories

Compatibility table
and alphabetical index