| BiDi | Yubii | SOLEMYO | OPERA | BLUEBUS | 24V |

# L-Fab HS

**For hi-speed automation of swing gates with leaves up to 4 m or 400 Kg**



Reliability and resistance

Waterproof, with IP67 protection rating

## Underground installation.

24 Vdc electromechanical gearmotor with magnetic encoder and mechanical stops.

**Ideal for intensive use and quick manoeuvres**: 90° opening in about 6* seconds.

**Foundation boxes with mechanical stop on opening:**

- **in stainless steel** (LFABBOX4I), ideal for use in extreme conditions;
- **with the cataphoresis paint finish** (LFABBOX4), highly resistant to corrosion.

**Total freedom of choice:** release from inside or outside, lever operated models, freely combinable and easy to operate with just one hand.

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

**Ideal for intensive use, LFAB4024HS model is compatible with the control unit Moonclever MC824H, with BlueBUS technology, Solemyo and Opera systems:**

- 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.

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

## COMMON ACCESSORIES

**CORE**
Nice Wi-Fi-Radio Gateway.
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

**BMA3**
Lever-type key unlock system.
Pc./Pack 1

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

**BMA1**
Accessory for opening up to 360° for gates max. 3.5 m in length.
Pc./Pack 1

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

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

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

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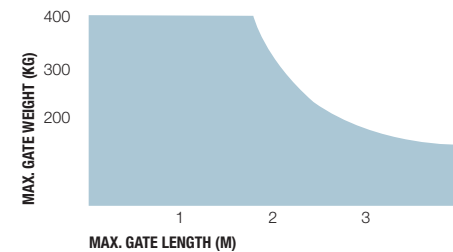See page 229.

* Not compatible with the Solemyo kit and PS324

## TECHNICAL SPECIFICATIONS

| Code | Description | Pack/Pallet |
|---|---|---|
| **LFAB4024HS** | Non-reversible, 24 Vdc, fast, with magnetic encoder and mechanical limit switch in closing | 18 |

| Code | Description | Pack/Pallet |
|---|---|---|
| **LFABBOX4** | Foundation box with cataphoresis paint finish for LFAB4000, LFAB4024, LFAB4024HS with built-in mechanical stop on opening. Complete with leaf coupling lever | 18 |
| **LFABBOX4I** | Stainless steel foundation box for LFAB4000, LFAB4024, LFAB4024HS with built-in mechanical stop on opening. Complete with leaf coupling lever | 18 |

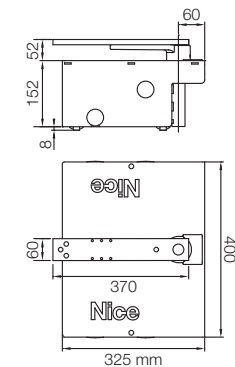| Code | LFAB4024HS |
|---|---|
| **ELECTRICAL DATA** | |
| Power supply (Vdc) | 24 |
| Absorption (A) | 7 |
| Power (W) | 170 |
| **PERFORMANCE DATA** | |
| Speed (rpm) | >> 3 << |
| Torque (Nm) | 200 |
| Work cycle (cycles/hour) | 50** |
| **DIMENSIONAL AND GENERAL DATA** | |
| Protection level (IP) | 67 |
| Working temp. (°C Min/Max) | -20 ÷ +55 |
| Dimensions (mm) | 375x225x110 h* |
| Weight (kg) | 12,5 |

| Code | LFABBOX4 |
|---|---|
| Weight (kg) | 14,4 |

* With foundation box.  ** The indicated value has to be halved if the opening is up to 180° - by using the BMA1 accessory.

### 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 / OXI / OXIBD / OXILR | DPRO500 / OXI / OXIBD / OXILR | DPRO924 / OXI / OXIBD / OXILR | MC424L / Built-in* / OXI / OXIBD / OXILR | MC824H / OXI / OXIBD / OXILR | MC824HR / OXI / OXIBD / OXILR | ERA INTI | ERA ONE | ERA ONE BD | ERA ONE LR | ERA FLOR | NICEWAY | EPS | EPM | EPL | EPSB | EPMB | EPLB | EPMOW | F210 | FT210 | F210B | FT210B | ELAC | ELDC | WLT |
| **LFAB4024HS** | | | | | | • | | • | • | • | • | • | • | | | | • | • | • | • | | • | | | | • | • |

* 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