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230VAC

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24VDC

ENCODER

BOB21M
BOB2124E

LINEAR WORM SCREWS

patented FACE gears

up to 2.1 m

CONTROL UNITS:

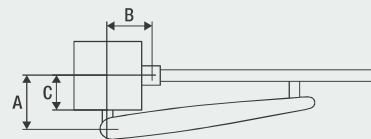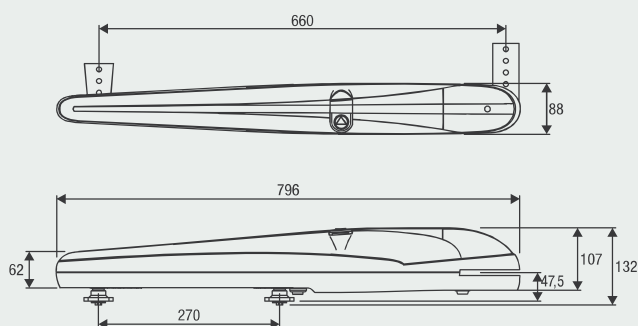|			
BOB21M		BRAINY	📄 134
		HEADY	📄 135
BOB2124E		BRAINY24+	📄 143
		BRAINY24	📄 144
		HEADY24	📄 145

Reliable, quiet, and quick to install geared motor, thanks to its 2 adjustable mechanical stops for opening and closing. Available in the 230 Vac and 24 Vdc versions. Rolled ball screws Ø 20 mm. Easy access release from above.

230 Vac

- Irreversible 230 Vac electromechanical geared motor

24 Vdc | intensive use

- Irreversible 24 Vdc electromechanical geared motor for intensive use, equipped with encoder
- The encoder device ensures maximum safety and precision in the gate moving phases
- Amperometric sensor obstacle detection system to prevent crushing
- Optional battery powered operation

A (mm)	**B** (mm)	**C** (mm)
105-135	115-135	50-80

COMPLETE KITS	MOTORS	CONTROL UNIT	PHOTOCELLS	FLASHING LIGHT	SELECTOR	TRANSMITTER
KBOB21M	2x **BOB21M**	1x **HEADY**	1x **PUPILLA.R**	1x **LAMPI.LED**	1x **TOKEY**	1x **TO.GO2VA**
KBOB2124E	2x **BOB2124E**	1x **HEADY24**	1x **PUPILLA.R**	1x **LAMPI24.LED**	1x **TOKEY**	1x **TO.GO2VA**

BOB.CS
Lock with personalized key and cover for unlock system.

B.SR
Multiposition brackets for one operator.

B.P
Screw-on plate.

DU.V96
12 Vac/dc vertical electric lock, supplied with counterplate. Permits internal/external release.

DU.V90
12 Vac/dc horizontal electric lock, supplied with counterplate. Permits internal/external release.

DU.9990
Covering plate for DU.V90.

E.LOCK
230 Vac vertical electric lock, supplied with counterplate.

E.LOCKSE
Extended cylinder for E.LOCK electric lock. It allows unlocking gates up to 55mm-thick from the outside.

CABLE.24E
Cable reel with 5 conductors (2 for motor, 3 for encoder) for connecting the encoder device in the 24 Vdc versions. L= 100 m.

ID.TA
Warning board.

IRI.TX4VA
4-channel transmitter with Advanced Rolling Code and Rolling Code.

IRI.TX4AK
4-channel transmitter with Advanced Rolling Code and Fixed Code.

IRI.LAMP
White full range flashing light, 20-255 VAC with built-in aerial.

IRI.KPAD
Battery operated wireless vandal-proof digital keypad with alert buzzer and backlit buttons. Triple coding: Rolling Code, Programmable Code and Advanced Rolling Code. 254 memorisable codes.

IRI.CELL
Pair of vandal-proof metal covers for PUPILLA/PUPILLA.R photocells, comprising front and rear shells with concealed screw. They can maintain perfect orientation over 180°.

PUPILLA
Pair of photocells adjustable to 180°. Option to synchronise up to 4 pairs, 24 VAC/DC power supply. Easy adjustment through a LED that signals optimal alignment. Compact size: 36x110x35 mm

BRAINY24.CB-SW
Accessory equipped with 1.2 Ah batteries and support bracket.

BRAINY24.CB
Accessory with CBY.24V battery charger, 1.2 Ah batteries and support bracket.

TECHNICAL DATA	BOB21M*	BOB2124E*
Power supply	230 Vac (50-60Hz)	230 Vac (50-60Hz)
Motor supply	230 Vac	24 Vdc
Max absorbed current	1.5 A	5.5 A
Max Thrust	1800 N	1800 N
Opening time	18"	9" - 21"
Duty cycle	30%	intensive use
Standard stroke	270 mm	270 mm
Max stroke	325 mm	325 mm
Protection level	IP44	IP44
Encoder	NO	YES
Operating temperature	-20°C /+50°C	-20°C /+50°C
Leaf max dimension	2.1 m	2.1 m
Weight	8.2 kg	7,9 kg
Items no. per pallet	50	50
Kit weight	19.1 kg	19.7 kg
Kits no. per pallet	18	18

* Available in 115 VAC version