



# BOB21M / BOB2124E

## AUTOMATIONS FOR SWINGING GATES LINEAR WORM SCREWS

patented FACE gears  
up to 2.1 m



### CONTROL PANELS:

- BOB21M — BRAINY HEADY p.112 p.113
- BOB2124E — BRAINY24 HEADY24 p.122 p.123



### DESCRIPTION

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

### MEASURES



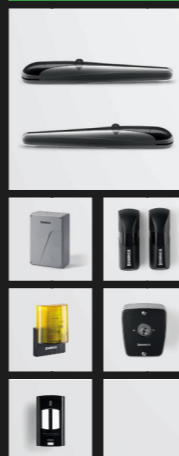
### COMPLETE KITS

#### KBOB21M 9592095

- 2 BOB21M 230 Vac Operators
- 1 HEADY 230 Vac control unit with integrated receiver
- 1 PUPILLA.F Pair of photocells
- 1 LAMPI.LED 230 Vac Led flashing light with built-in aerial
- 1 TOKEY Metal key selector
- 1 TO.GO2WV 433.92 MHz Transmitter

#### KBOB2124E 9592198

- 2 BOB2124E 24 Vdc Operators equipped with encoder device
- 1 HEADY24 24 Vdc control unit with integrated receiver
- 1 PUPILLA.F Pair of photocells
- 1 LAMPI24.LED 24 Vdc Led flashing light with built-in aerial
- 1 TOKEY Metal key selector
- 1 TO.GO2WV 433.92 MHz Transmitter



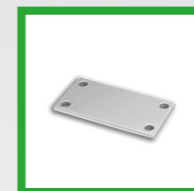
#### BOB.CS 9765040

Lock with personalized key and cover for BOB21M/BOB2124E unlock system.



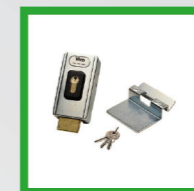
#### B.SR 9819310

Multiposition brackets for one operator BOB21M/BOB2124E.



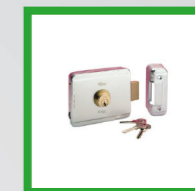
#### B.P 9819005

Screw-on plate for models in the BOB21 series.



#### DU.V96 9765035

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



#### DU.V90 9765030

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



#### DU.9990 9623010

Covering plate for DU.V90.



#### E.LOCK 9765001

230 Vac vertical electric lock, supplied with counterplate.



#### E.LOCKSE 9765002

Extended cylinder lock. It allows to unlock gates up to 55mm-thick from the outside.



#### CABLE.24E 9171002

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 9846019

Warning board.



#### ESA BASIC 9176108

System that reduces the electrical energy consumption. In the 24 Vdc version, the use of ESA BASIC is not compatible with the battery operation.



#### KSUN 9611004

KIT for system operation via solar panel. For 24 Vdc models.

MADE IN ITALY

### TECHNICAL DATA

	BOB21M	BOB2124E
Code	9591534	9591351
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"
Operation 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	8.2 kg
Items no. per pallet	54	54
Kits no. per pallet	18	18