ENCODER

CONTROL PANELS:

BOB30M	BRAINY HEADY
BOB30ME	BRAINY
BOB3024E	**BRAINY24 HEADY24**

BENINCA®
TECHNOLOGY TO OPEN

MADE IN ITALY

AUTOMATIONS FOR SWINGING GATES LINEAR WORM SCREWS

patented FACE gears
full metal mechanics
gear and female screw in bronze
personalised release key
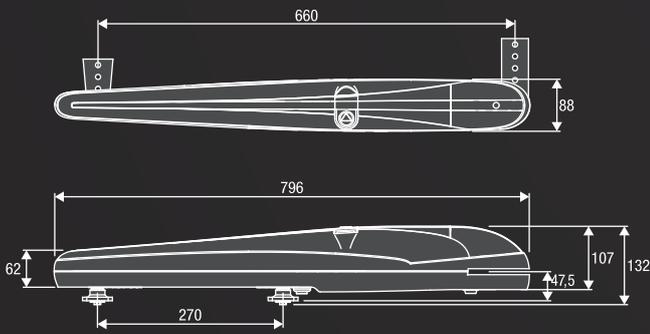**up to 3.0 m**

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
- The encoder device in the BOB30ME version ensures crush prevention and precision in the gate moving phases

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

660

88

796

62 / 107 / 132

270 / 47,5

◼ MEASURES

	A	B
BOB30M/E / BOB3024E	105-135	115-135

◼ COMPLETE KITS

KBOB30M 9592096

- **2** **BOB30M** 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

KBOB30ME 9592088

- **2** **BOB30ME** 230 Vac Operators equipped with encoder device
- **1** **BRAINY** 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

KBOB3024E 9592089

- **2** **BOB3024E** 24 Vdc Operators equipped with encoder device
- **1** **BRAINY24** 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

B.SR
9819310

Multiposition brackets for one operator BOB30M/E/BOB3024E.

B.P
9819005

Screw-on plate for models in the BOB30 series.

BOB.SL
9819004

Rear extension for BOB30 series models, to increase performance by up to 15% (see table p. 24) and reduced dimension installation requirements.

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 for E.LOCK electric 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.
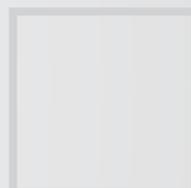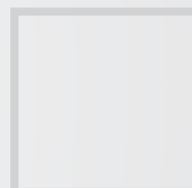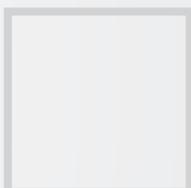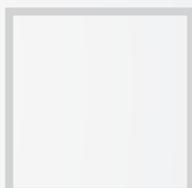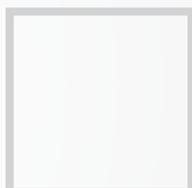
ID.TA
9846019

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	BOB30M	BOB30ME	BOB3024E
Code	9591535	9591446	9591447
Power supply	230 Vac (50-60Hz)	230 Vac (50-60Hz)	230 Vac (50-60Hz)
Motor supply	230 Vac	230 Vac	24 Vdc
Max absorbed current	1.8 A	1.8 A	5.5 A
Max Thrust	2300 N	2300 N	1800 N
Opening time	18"	18"	9" - 21"
Operation cycle	30%	30%	intensive use
Standard stroke	270 mm	270 mm	270 mm
Max stroke	325 mm	325 mm	325 mm
Protection level	IP44	IP44	IP44
Encoder	**NO**	**YES**	**YES**
Operating temperature	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Leaf max dimension	3.0 m	3.0 m	3.0 m
Weight	8.6 kg	8.6 kg	8.6 kg
Items no. per pallet	**54**	**54**	**54**
Kits no. per pallet	**18**	**18**	**18**

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