

# AUTOMATIONS FOR SWINGING GATES

up to 5 m



Release system with a hexagonal key, protected by an aluminium door opened with a customised key.



Innovative FACE pair of gears. Mechanics all in metal (Patent Pending)



High quality materials, gear and female screw in bronze, worm screw in steel



Quick and easy installation thanks to the tapered shape and reduced size (only 10 cm wide)

# BOB50M BOB5024

## SURFACE MOUNTING

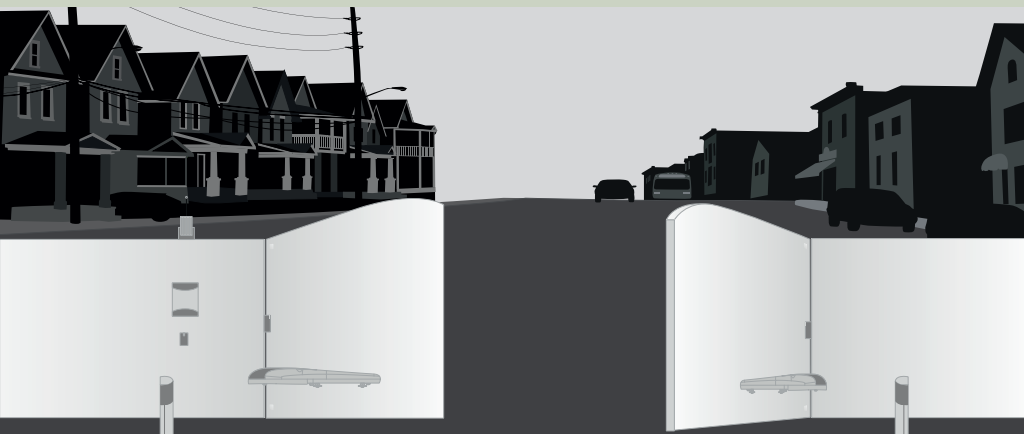
- 230 Vac self-locking electromechanical operator
- Strong definition motor made in Italy, combining high performance, quality and reliability
- Innovative anti-corrosion treatment greatly increasing resistance to atmospheric agents over time.
- Available in two versions: with easily adjustable limit switches in the mechanical stops (BOB50M/BOB5024), and with encoder (BOB50ME). Both versions come with open and close mechanical stops
- Anti-crushing system for BOB50ME version with encoder

### 24 Vdc

- 24 Vdc self-locking electromechanical operator for intensive use
- Anti-crushing system with amperometric sensor
- Prepared for battery back-up system
- Available in BOB5024E version with encoder



LEGEND ON PAGE 11



TECHNICAL DATA	BOB50M	BOB50ME	BOB5024	BOB5024E
Power supply	230 Vac	230 Vac	230 Vac	230 Vac
Motor supply	230 Vac	230 Vac	24 Vdc	24 Vdc
Max. absorbed current	1,4 A	1,4 A	6,7 A	6,7 A
Thrust	3500 N	3500 N	2200 N	2200 N
Opening time	26"	26"	21"	21"
Operation cycle	30%	30%	intensive use	intensive use
Standard stroke	455 mm	455 mm	455 mm	455 mm
Max stroke	520 mm	520 mm	520 mm	520 mm
Protection level	IP 44	IP 44	IP 44	IP 44
Encoder	No	Yes	No	Yes
Operating temp.	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C	-20°C /+50°C
Weight	11,6 Kg	11,6 Kg	11,6 Kg	11,6 Kg
Items no. per pallet	40	40	40	40

**B.P**



Screw-on plate for models in the BOB50M series

**DU.V96**



12 Vdc vertical electric lock, supplied with counterplate. Permits external release

**DU.V90**



12 Vdc horizontal electric lock, supplied with counterplate. Permits external release

**DU.9990**



Covering plate for DU.V90

**E.LOCK**



230 Vac vertical electric lock, supplied with counterplate. (ideal for HEADY)

**E.LOCKSE**



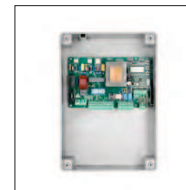
Extended cylinder for E.LOCK electric lock. It allows to unlock gates up to 55mm-thick from the outside

**ID.TA**



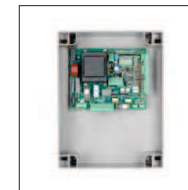
Aluminium warning board. Available in different languages

**HEADY**



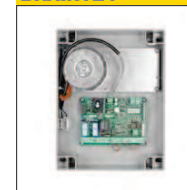
230 Vac control panel with built-in 433.92 Mhz 64-code receiver, integrated display and fixed slowing-down functions. (for full features see page 154)

**BRAINY**



230 Vac control panel with built-in 433.92 Mhz 64-code receiver, integrated display and a number of operating logics. Inputs to connect the encoder (for full features see page 152)

**BRAINY24**



24 Vdc control panel for swinging gates with a number of operating logics. Programmable through the display, built-in 433.92 Mhz 64-code receiver. (for full features see page 162)

**NIMH.CB**



Accessory with CBY.24V battery charger card, NIMH batteries and support.

**BRAINY24.CB**



Accessory for BRAINY24 with CBY.24V battery charger, 1.2 Ah batteries and base.

**CBY.24V**



Battery charger card. The CBY.24V card allows to charge two different types of nickel metalhydrate and lead batteries.

**DA.BT6  
DA.BT2**

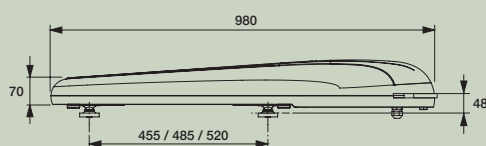
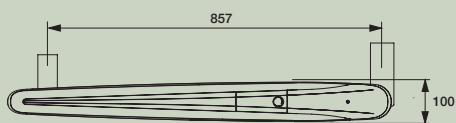


DA.BT6: 7Ah 12 VDC Battery  
DA.BT2: 2.1Ah 12 VDC Battery  
DA.BT6 need must be fitted into an external box

**NIMH**

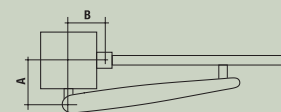


2 Ah , 24 Vdc NIMH batteries



**MEASURES**

	A	B
BOB50M/BOB5024	150÷225	150÷225



INSTALLATION LIMITS	BOB50M/E	BOB5024/E
2,5m	800 kg	600 kg
3,0m	700 kg	600 kg
3,5m	500 kg	400 kg
4,0m *	450 kg	350 kg
4,5m *	400 kg	300 kg
5,0m *	350 kg	250 kg

\* For leaves longer than 4m we advise to install an electric lock

**SETS AVAILABLE**

KBOB50M	12 Sets per pallet
KBOB50ME	12 Sets per pallet
KBOB5024	12 Sets per pallet
KBOB5024E	12 Sets per pallet

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