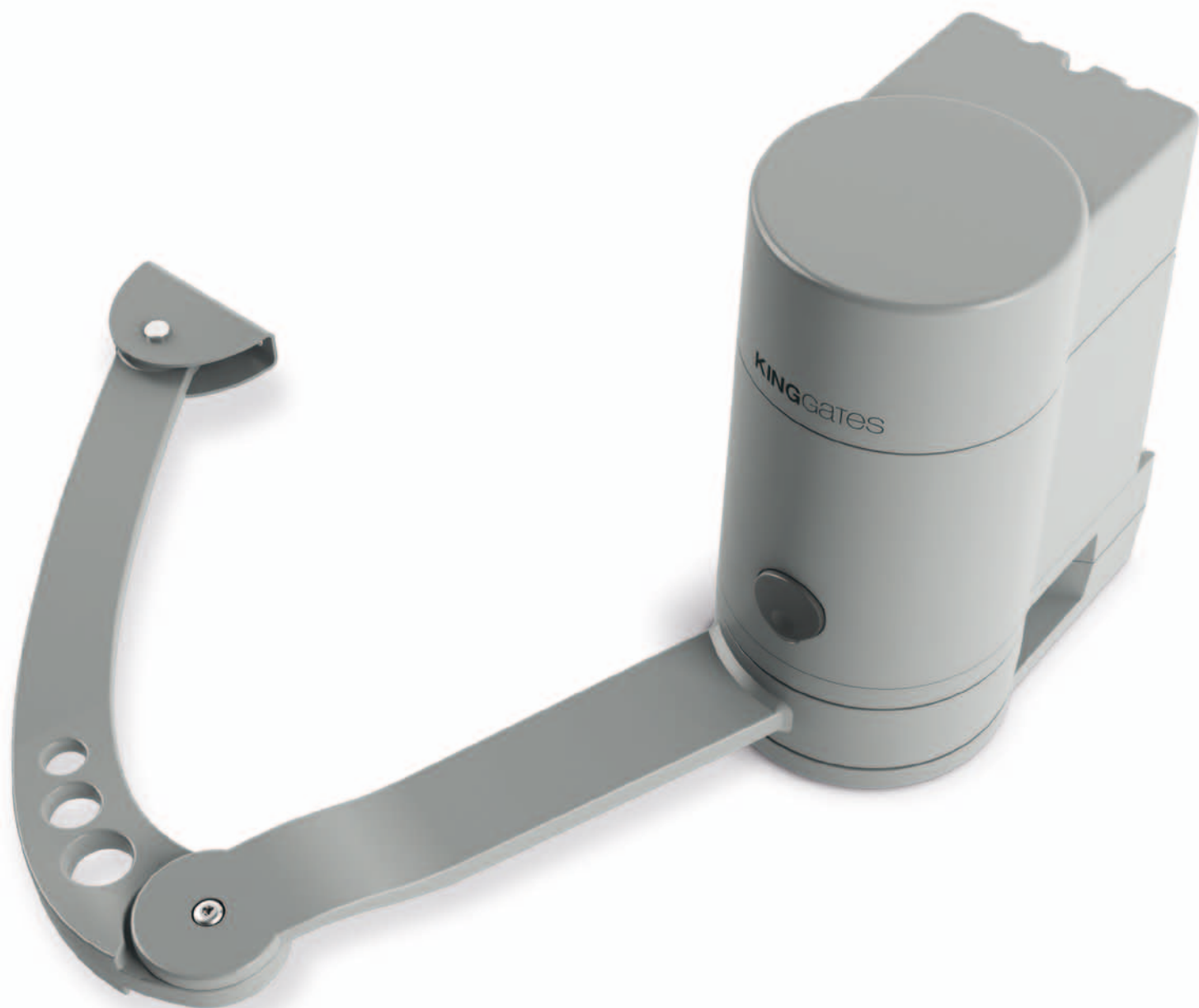


MiniModus

Automation for swing gates



MiniModus

Automation for swing gates with leaves up to 2m - 250Kg

EASY TO INSTALL

MiniModus is the gear motor with articulated arm for swing gates with leaves up to 2 m and 250 kg. With just 155 mm in width, this gear motor allows its fixing also on small spaces while the geometry of the articulated arm guarantees its installation also on wide posts with distance between the axle of the leave and the fixing surface of the gear motor up to 240 mm.

COMPACT AND SAFE

MiniModus holds inside a control unit and the housing for batteries which guarantee operations also after several hours after a black-out. The release operation, as for all KINGgates products, is simple and fast while the fixing of the gear motor to a post and on the gate is fast and comfortable to the fitter. In fact, thanks to screw-adjustable brackets, it is not necessary any operation of welding.

INTEGRATED CONTROL UNIT

Star MIN224 is the integrated control unit inside MiniModus. This control unit radically simplifies the fitter's job by guaranteeing high performances in terms of safety, duration and speed. Its plastic box, the spare fuses and the removable memory card are examples of the functionality and design of this reliable and innovative product. The software technology PWM (pulse width modulation) guarantees the safety in case of obstacle and allows the regulation of the speed on opening and closing of the gate.



1.



2.



3.

1. CONTROL UNIT

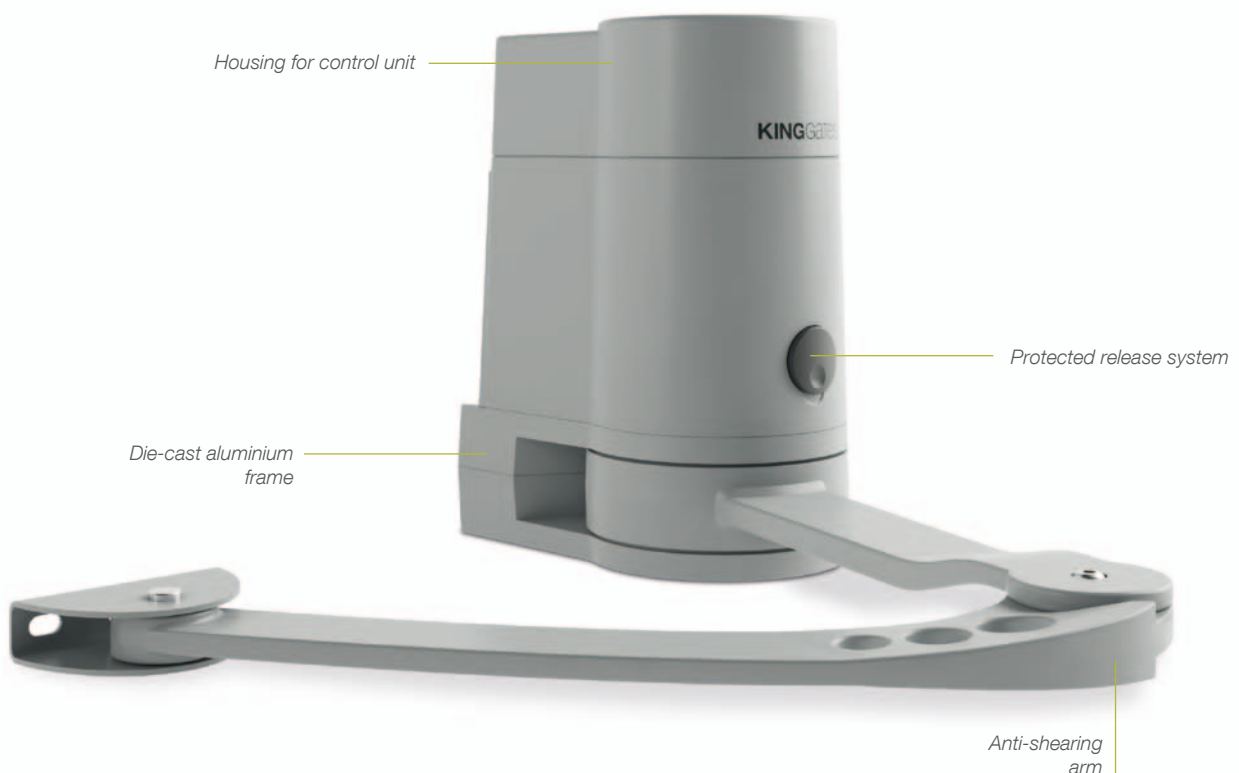
Fast regulation by trimmers and dip-switches, programming with self-learning function

2. ARTICULATED ARM

Strong die-cast aluminium arm with anti-shearing device

3. MECHANICAL LIMIT SWITCH

Strong adjustable steel limit switch



MINIMODUS 24 - TECHNICAL DATA

Alimentazione	(Vac 50 Hz)	230
Power supply	(Vdc)	24
Torque	(Nm)	150
Speed	(giri/min.)	1,2 ÷ 1,7
Protection level	(IP)	44
Weight	(kg)	6,5
Max length of the gate	(m)	2
Max weight of the gate	(kg)	250
Work cycle	(%)	30
Dimensions	(mm)	155x253x314
Working temperature	(°C)	-20 ÷ +50

AVAILABLE VERSIONS

MOTORS - AVAILABLE VERSIONS

Code	Motor	Electronic unit	Radio receiver	Mechanical stop	Fixing kit	Articulated arm	Wing max dimensions
MiniModus SL	24 Vdc	-	-	• (1)	•	•	2 m; 250 kg
MiniModus MA	24 Vdc	Star MIN224	•	• (1)	•	•	2 m; 250 kg

KIT - AVAILABLE VERSIONS

Code	MINIMODUS MA	MINIMODUS SL	STYLO 4K	IDEA 24 PLUS	VIKY 30	NOVO LT 24 PLUS	NOVO PH 180	TAB	Wing max dimensions
MiniModus Kit 24LT	•	•	• (1)		•				2 m; 250 kg
MiniModus Kit 24	•	•	• (2)	•	•			•	2 m; 250 kg
MiniModus Kit 24NV	•	•	• (2)			•	•	•	2 m; 250 kg

ACCESSORIES



LOCK HO

Horizontal 12V electric lock



LOCK VE

Vertical 12V electrical lock



BAT M 016

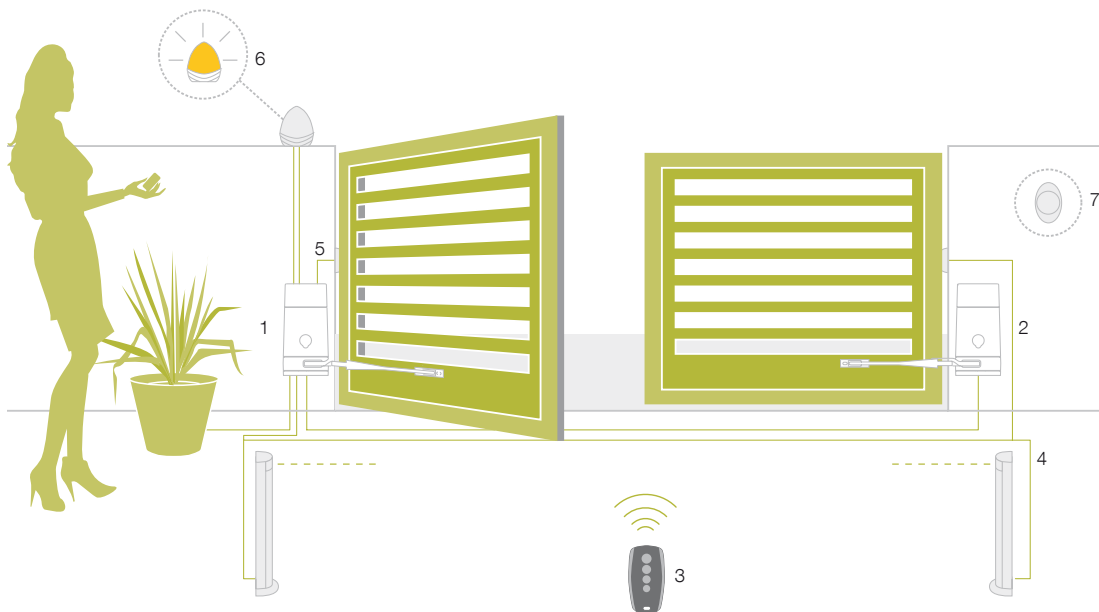
Battery charge card for BAT M016



BAT K2

24V 1.6Ah battery

SCHEME OF INSTALLATION



Basic installation

1. Motoriduttore MiniModus MA
2. Motoriduttore MiniModus SL
3. Transmitter Stylo 4 K
4. Photocells mounted on posts Tower
5. Photocells Viky 30
6. Flashing light Idea 24 Plus
7. Key or digital switch Novo Click – Novo Digy

KINGgates
GATES AND DOOR
AUTOMATION
MADE IN ITALY

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