

# (DOMO glideB7) WITH BATTERY

for residential sliding gates  
with max length of 5 m and max weight of 300 kg



### ■ Innovative

A gearmotor for residential sliding gates with 12 Vdc electric motor. Compact, finely designed, uses innovative transmission systems, and is suitable for installation on sliding gates of up to 5 m length and 300 kg in weight.

### ■ Conforms to new european standards

Programmable in line with the new European Standards, offers uninterrupted operation in case of a power cut. Can be powered on alternative energy sources (solar panels), or by transformers for standard entry-phones or door bells, additional battery can be installed to increase the number of possible cycles. Facility for pedestrian access; limit-switch, and obstacle detection by "virtual encoder".

### ■ Total security for your home

An innovative virtual encoder system combined with the operator's long-life 12 V motor, enables the user to program the automated system in conformity with European Safety Standards EN 12453 - EN 12445. The highly sensitive anti-crushing safety device means there is no need to use additional costly accessories with the system, such as safety edges.

### ■ User-friendly electronics

Facilitated electrical installation, thanks to electrical connections by pull-out block-connector, accessed from the gearmotor's front hatch. The LED signalled functions are quick and easy to program.



■ Carter suitable for the fixing of the card receiver antenna



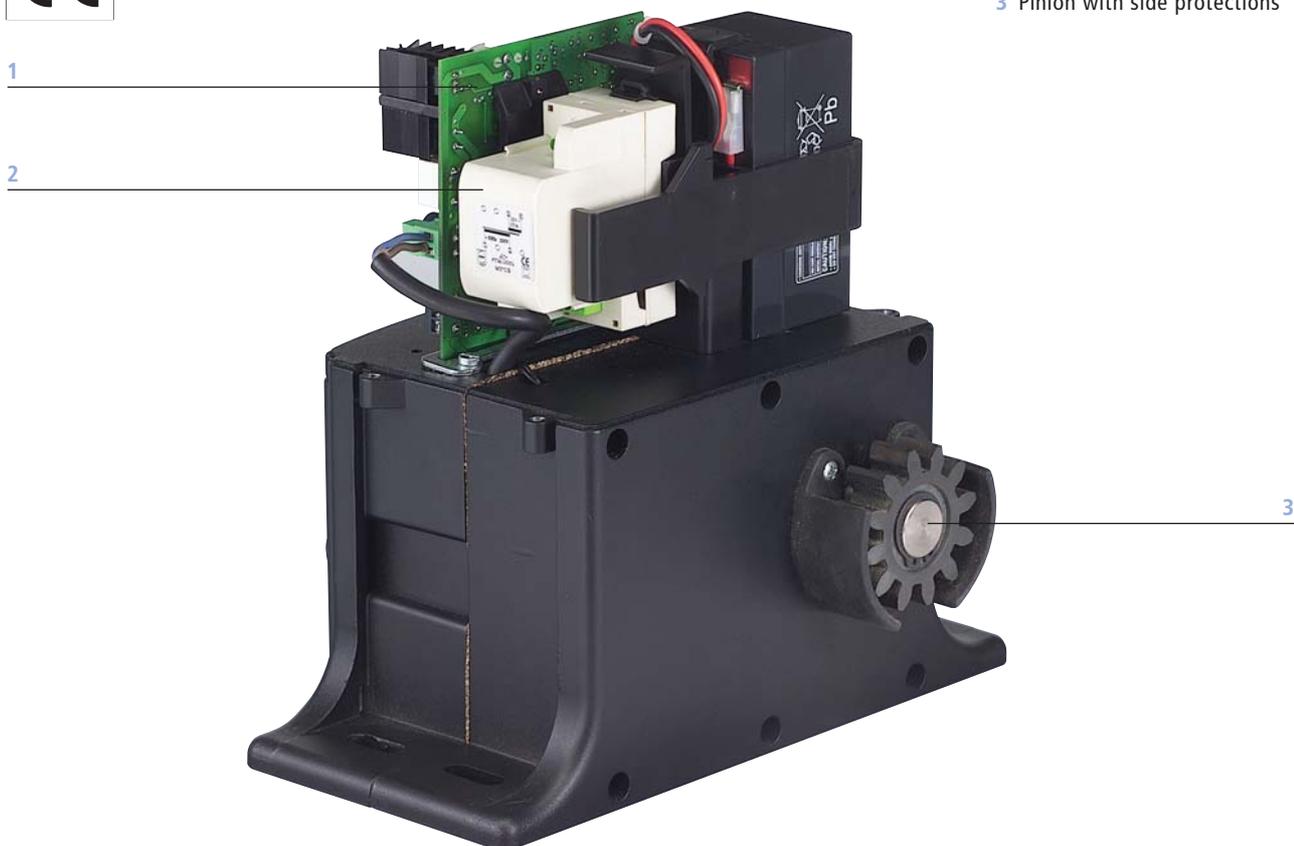
■ Foundation plate suitable for screw fixing



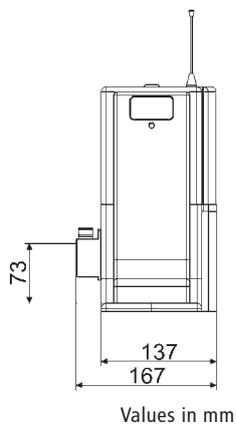
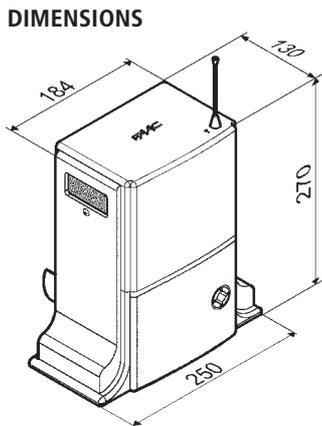
■ Door to access to cable terminal block and emergency unlock



- 1 Built-in control board
- 2 Battery 7,2 Ah
- 3 Pinion with side protections



**DIMENSIONS**



Values in mm

**Technical specifications of DOMO Glide-B7 control board**

Power supply	12 Vac
Batteries	Sealed Lead Battery 12 Vdc 7,2 Ah dimensions 96x46x50
Transformer Characteristics (optional)	Primary 230 Vac Secondary 12 Vac-16 VA
Absorbed power	16 VA
Motor max current	15 A
Operating ambient temperature	-20°C ÷ +55°C
Protection Fuses	No. 1 -20 A
Anti-crushing function	Encoder/current control
24 Vdc Accessories max load	150 mA
Rapid connector max load	50 mA
Function logics	Automatic/"Stepped" Automatic / Safety /"Stepped" Semi-automatic
Opening/closing time	By self-learning
Pause time	5,10,20,30sec. selectable
Partial opening width	90, 120, 150, 180 cm
Speed	Selectable on 4 levels
Static force adjustment	Selectable on 4 levels
Deceleration	Electronic

Technical specifications	DOMO Glide-B7
Power supply	12 Vdc
Rated absorbed power	48 W
Max load-free linear speed	15 m/min
Static force	150 N
Use Frequency*	20%
Duty cycles	~ 30
Battery recharge time	~ 10' for every cycle effected*
Operating ambient temperature	-20°C ÷ +55°C
Operator weight	5,3 Kg
Protection class	IP 44
Leaf max length	5 m
Leaf max weight	300 Kg

**Terminal board inputs** - Open, Partially Open, Stop, Op. Safety devices, Cl. Safety devices, Sensor  
**Terminal board outputs** - Motor, Flashing lamp, Indicator-light, 24 Vdc - 12 Vdc power supply for accessories.  
**Connectors** - Minidec cards, RP cards - Battery  
**Programmable functions** - Logic, Pause time, Partial opening width, Anti-crushing force, Operator speed

(\*) The cycles/hour are just an indication for the full efficiency of the automation. The use frequency satisfies the residential application.

Model	Use		Control board
	Max weight (kg)	Use frequency (%)	
DOMO Glide-B7	300	20	Built in