

step

WHEN SMALL ALSO MEANS POWERFUL AND SAFE

- STEP is a gearmotor created specifically for residential use - a set of patents and choice of low voltage put the product at the top of its category.
- We use peak quality components: motors from the automotive sector, worm screw in steel and crown wheel in bronze, body in die-cast aluminium painted with epoxy powder.
- Release system with customised key for easy access

SAFETY AND FLEXIBILITY

- A special patented encoder system with final deceleration, complies with the new European standards safety in automated systems.
- The integrated electronics were designed to satisfy all types of applications:
 - Version B, powered by an integrated 12Vdc -7.2 Ah battery, enables the emergency manoeuvre in case of a mains power cut.
 - Mind T, powered by a toroidal transformer, is the ideal solution for gates used more frequently.

FIELD OF APPLICATION

- 12Vdc power supply
- For automating residential sliding gates with maximum leaf length of 5 m and weight of 300 kg.

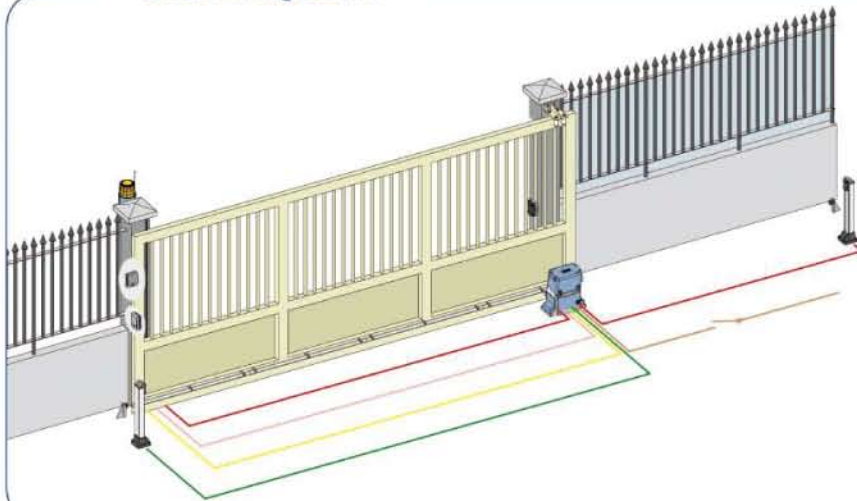


DIMENSIONS



Model	Version
STEP BC	Step operator for sliding gates (battery powered)
STEP TC	Step operator for sliding gates (transformer powered)

Electric wiring scheme



	Line	3x1,5 mm ²
	Motor	4x1,5 mm ²
	Blinker	2x1,5 mm ²
	Key-operated selector	2x0,5 mm ²
	Tx photocells	2x0,5 mm ²
	Rx photocells	4x0,5 mm ²
	BUS connections	2x0,5 mm ²

ACCESSORIES



GUARD 12
BLINKER 12Vdc
Without intermittence board.



POWER SUPPLY
Power supply
12Vac 800 mA.
PLEASE NOTE: If there is no energy source on the system (12 Vac 800 mA), a power feeder must be provided for the system.



SOLAR PANEL
A photovoltaic module 12V-25W with 5m cable (H 0,7 RNF 2x1,5mm) and brackets included for the mounting on a pole diameter 35 mm.

Technical specifications	STEP B7C	STEP TC
Power supply	Battery 12 Vdc - 7,2 Ah	Toroidal transformer 230Vac - 12Vac
Absorbed power [VA]		16
Motor max. current [A]		15
Motor [Vdc]		12
Nominal motor power [W]		96
Max. leaf weight [kg]		300
Max. leaf length [m]		5
Power at max. thrust [N]		280
Consecutive cycles	10	30
Operating ambient temperature	-20°C +55°C	
Max. load of accessories at 24Vdc [mA]	150	
Function logics	Automatic - Stepped automatic - Safety - Stepped semi-automatic	
Opening/closing time	Self learning	
Pause time	Selectable on 4 levels	
Leaf delay time when opening and closing	Selectable on 4 levels	
Speed adjustment	Selectable on 4 levels	
Static force adjustment	Selectable on 4 levels	
Slow-down at opening and closing	Self learning	
Anti-crushing function	Encoder - current control	
Protection class	IP44	