

ICARO

Automation for rack sliding gates weighing up to 4400 lb (2000 kg), condominiums and commercial buildings

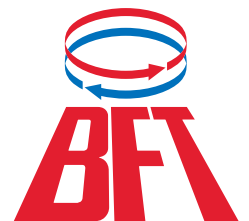


Maximum safety with antisquash protection

Control panel preset for management either by means of the UNIPRO universal programmer, or built in LCD display

integrated high security rolling code receiver

Auto set feature: automatically preset of working parameters

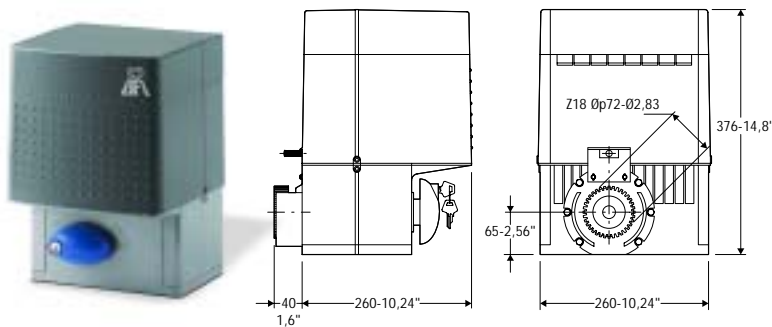


Gate automation systems
and automatic doors



ICARO

Automation for rack sliding gates weighing up to 4400 lb (2000 kg), condominiums and commercial buildings



- Maximum performance and continuous service offered by ICARO irreversible gearmotor
- Design and convenience: major aesthetic innovation and greater casing sturdiness
- Safe release manoeuvre made simple by means of the new ergonomic knob
- Maximum safety with anti-squash protection, thanks to a microprocessor which guarantees innovative torque control and obstacle detection
- Improved accessibility and management of the control panel, having the control board fitted to the front and a display for programming
- Diagnostic and statistical functions through the display
- Control board preset for management by means of the UNIPRO universal programmer
- Rolling code receiver and 64 codes inside the control board.
- With parameter autoselection option for braking, torque and anti-squash functions.

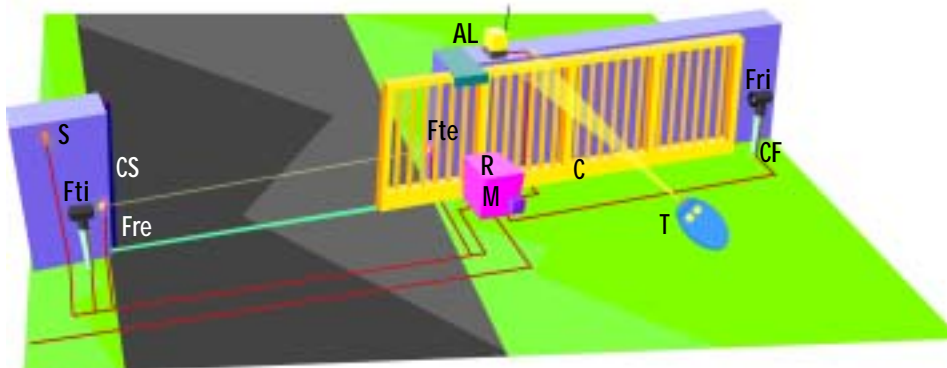
Features

model	limit switch	control board	teeth pinion	leaf speed	max leaf
ICARO	electromech.	included	18	29ft/min (9m/min)	4400lb (2000 kg)
ICARO PROX	inductive	included	18	29ft/min (9m/min)	4400lb (2000 kg)
ICARO	inductive	included	25	29ft/min (9m/min)	2,200lb (1000 kg)
ICARO PROX	inductive	included	25	39ft/min (12m/min)	2,200lb (1000 kg)

Recommended installation

M ICARO gearmotor with built-in control board
 LEO and incorporated 64 rolling code receiver
 T TRC double-channel rolling code transmitter
 Fte-Fre Pair of photocells FL 130
 Fti-Fri Pair of photocells FL 130
 CF CF130 photocells posts

AL LAMPO PA blinker with antenna SL433
 S INTRO key selector
 CS Safety edge
 C CFZ Galvanised iron rack



CFZ: 0.87in x 0.87in (22x22mm) 4-pitch galvanised iron rack. 5x6.56ft (2mts) lengths in 33ft (10mts) packages.

CPZ: 1.8in x 0.47in (30x12mm) 4-pitch drilled galvanised iron rack with support. 33 ft (10mts) packages.



CP: 0.87in x 0.87in (22x22mm) 4-pitch plastic rack with adjustment slots.

CPZ: 4-pitch plastic rack for load up to 1.100lb (500kg) fixed without brackets.

Technical features

Operator ICARO

Power supply 120 V ± 10%, 60 Hz single-phase

Absorbed power 750 W

Thermal protection integrated

N° of manoeuvres in 24 hr continuous duty

Impact reaction electronic clutch with encoder

Manual manoeuvre mechanical knob release with personalised key

Control panel LEO

Type of limit switch electromechanical or inductive

Environmental conditions from 5° to 140°F

(-15°C to +60°C)

Actuator weight 55 lb (~25 kg)

Dimensions see figure



LEO Control panel for the management of an electromechanical single-phase actuator with a power of up to 750 W and without torque setting option.

3 and 4 step logics with automatic or semi-automatic operation and hold-to-run control. Adjustable electrodynamic braking. Rapid closing function. Pedestrian access input.

Supports the EELINK protocol. Digital setting of parameters and logics. Visualisation of the set values on an integrated multilingual display. Autoselection MENU for the automatic identification of the minimum torque requested for opening and closing, encoder sensitivity and braking. Reset menu for the original configuration set by the manufacturer (default). Self-diagnosis function. Management of statistical parameters.

Management of wire connected centralised systems (master/slave system) with up to 127 zones. Adjustable pedestrian access. Separate opening and closing inputs. Separate inputs for photocell safety devices and electric edge. Clock input. 433.92 MHz built-in rolling-code receiver and 64 codes. Universal coupling for radioreceiver. Extractable terminal bars for easier installation, maintenance or replacement operations.