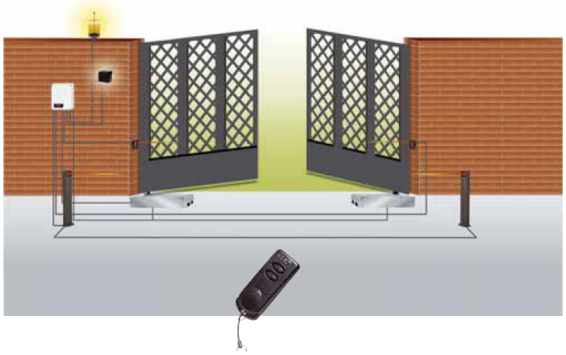
>MOVING LIFE

650RI8BENC

Swing Gate Drives

Maximum gate leaf length 1.8 metres

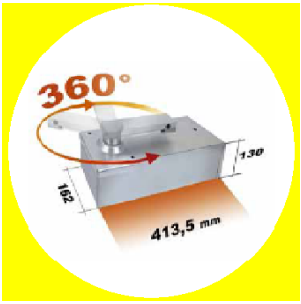


The **"650R18BENC"** Electromechanical Gearmotor for intensive residential and apartment use is designed to fit 'open style' swing gates up to 1.8 metres in length and 200 kgs.

Safety

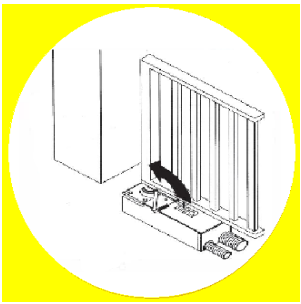
Safety:
The Encoder Technology included in the 650RI8BENC 12V dc Motor guarantees constant and reliable obstacle control

Flexible Opening Angles



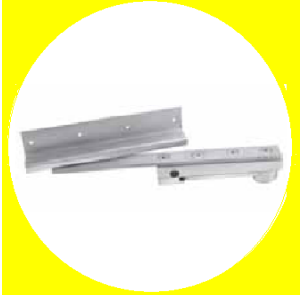
Mounting:
The R18BENC can offer a full flexibility in the opening angle of up to 360^0 for a gate due to its unique design

Manual Release



Manual Release:
In the event of a mains power failure, there is a quick and easy system for manual override release.

Misaligned Mounting



Misaligned Mounting:
An unlock mechanism for misaligned posts to allow flexibility of mounting the R18BENC Motors

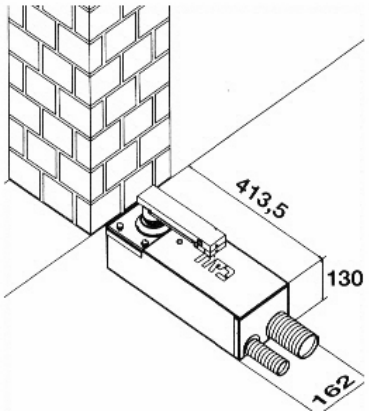
Performance requirements for your gates.

This is where the expectations for performance are matched against the capabilities of the TAU 650R18BENC Swing Gate Drives.

650R18BENC 12 Volts dc is suitable for intensive residential and apartment use. In the event of a power failure, it is able to be powered by an optional 12V dc Rechargeable Back-up Battery, which enables the gates to continue working for up to 10 operations before mains power is required to be reinstated.

Performance Required	650R18BENC
Gate Length	Up to 1.8 metres per leaf open style gate design
Gate Opening Time (approx.)	13 sec/90°
Usage per hour	Up to 30 times
System Power Requirement	Mains Power and Battery Back-up Operation
Weight of Gate	Up to 200 kgs per leaf @1.8 metres

Dimensions



GATE AUTOMATION CONTROL EQUIPMENT

Operational options for your automation system

How you want to operate your automated gate/s is an important decision in choosing which Accessories will allow you to use your gate automation system to your specific requirements.

Key components of control for effective operation includes:-

- **Remote Control**

The **TAU 750D749MA Controller** has a 3 channel built-in rolling code Radio Receiver with the option of using a TAU 2 or 4 Button Radio Remote.

Channel 1 – hardwired for full vehicle access.
Channel 2 – voltage free contact - can be used to operate the garage door drive, garden/security lights or to keep the gates open for extended periods.
Channel 3 – hardwired for pedestrian access.

- **Keypad Entry**

For those who require Keypad control for visitor entry, the weather durable ROSSLARE dimmable illuminated keypad or SEBURY illuminated Keypad both have 2 outputs to allow for vehicular and separate pedestrian access.

- **Safety Photocells**

It is recommended that each TAU 650R18BENC Automatic Gate Opening System is installed with a set of safety Photocells that recognise when an obstacle is across the gateway, preventing the gates from closing until the obstacle is removed.

- **Safety Features**

The TAU 750D749MA Controller used with the TAU 650R18BENC 12V dc Motor has an electronically controlled, anti-crush safety clutch.

- **Automatic Realignment**

The TAU 750D749MA Controller includes an Automatic Realignment feature, that ensures the first operation (Radio Remote or other opening/closing signal device) upon the power being restored, will realign the gates to the last state before the power was disconnected.

- **Minimal Noise Production**

The TAU 650R18BENC 12V dc Motor is fitted with an Encoder — a special detection system which moves the gate rapidly, then slows it down towards the end of its travel, in order to prevent noisy impacts and rebounds.

Radio Remote Control

TAU 250K-SLIMRP
2 Button Remote

TAU 250T-4RP
4 Button Remote

Keypad Entry

ROSSLARE
AC-Q41-SB
Up to 500 Users

SEBURY
W3-A
Up to 1200 Users

Safety Photocells

TAU 900OPTIC
Range 20 metres

TAU 900FOTEC
Adjustable up to 180^0

Universal Radio Receiver

Single & Multi channel options to interface to existing Garage Door Openers etc.

Control Unit

TAU 750D749MA
12V dc