

Underground 24V electro-mechanical operator



For swing-leaf gates of a compact size and weight up to 300kg, it proves less bulky for masonry work and is easier to install.

The foundation box is installed in parallel to the leaf, occupying less room in the ground both inside and outside the premises.

**DUAL LEVER
RELEASE
MECHANISM
INCLUDED**

PATENTED

The patented dual lever release mechanism, one lever inside and the other outside, guarantees swift and smooth release, both from the inside and the outside of the premises. The release mechanism is included in the foundation case and it is protected by an encrypted key for maximum security.

**FOUNDATION
CASE**



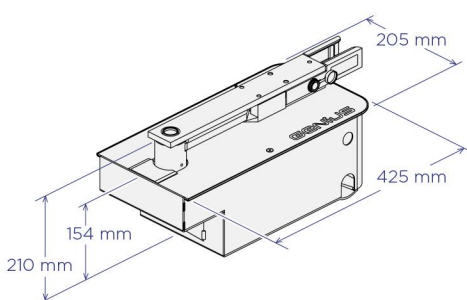
A compact size reduces the width required. The benefit lies in applying the case beneath the centre of the leaf thereby invading less of the road surface.

Type of material: painted steel with cataphoresis to prevent damages and rust.

TECHNICAL SPECIFICATIONS

GENIUS DIABLO

System power supply	230 V - 50 Hz, 115 V - 60 Hz
Motor power supply	24 V
Power consumption	140 W
Max. torque	200 Nm
Opening angle	180°
Angle speed	6°/sec
Max. leaf weight	300 kg
Max. leaf length	2 m - 2.5 m (with electric lock)
Type of use	Residential
Protection class	IP67





180° OPENING ANGLE AS STANDARD

The **Diablo** model is available in a single version designed to open leaves up to 180° as standard: no optional accessories are necessary to achieve the maximum opening angle.



OPENING MECHANICAL STOPS

it can be fitted with invisible internal mechanical stops, which can be adjusted anywhere in the 180° range for an accurate stop point, eliminating the need for mechanical stops on the ground.



ABSOLUTE ENCODER

The new absolute encoder (optional) is designed to achieve accurate movements, system compliance and enhanced precision of response to obstacles.

