

Roller



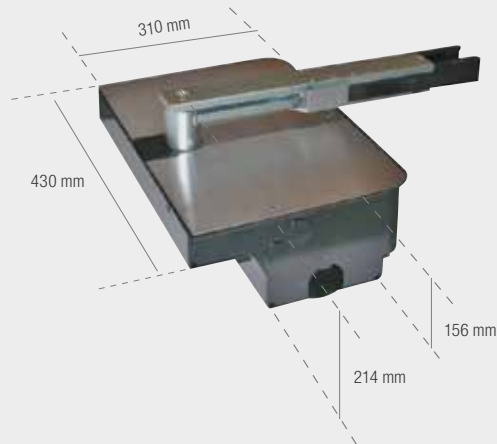
Polyester painting also suitable for installation in salty environment

MOTOR FOR SWING GATES

- Leaves up to 3.5 m and max 500 Kg each leaf
- G-WAY System (with Brain 15 and Brain 17 control boards)
- PROcoder Safety System (with Brain 15 and Brain 17 control boards)
- Release through a user friendly accessory lever and customised key - **PATENTED**
- Three mechanical reduction phases with steel worm-screw
- Opening and closing slow down available in both versions
- Double painting layer motor
- 3 different foundation casing models
- Kit for opening to 140° and 180°
- Optional mechanical leaf stop in opening and closing.

Code	Name	Version	Voltage	Leaf max. length	Use
6170077	Roller	Non-reversible	230V	3.5 m.	Residential
6170080	Roller 24	Non-reversible	24V	3.5 m.	Residential

OPERATOR DIMENSIONS



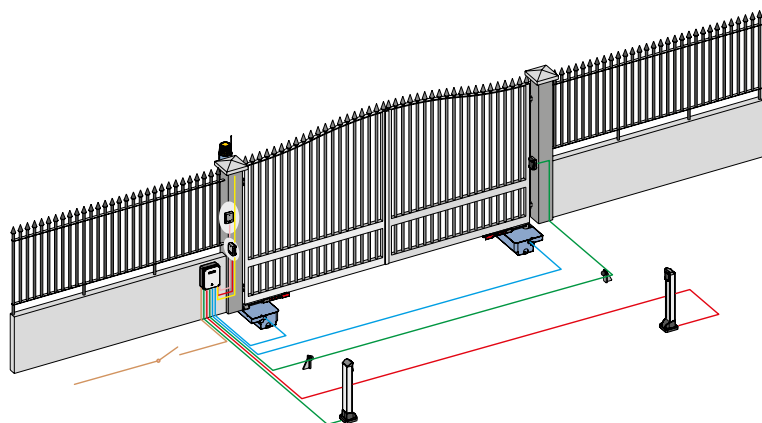
Technical Specifications	Roller	Roller 24
Power supply (V)	230	
Electric motor (V)	230	24
Nominal power (W)	380	70
Current (A)	1.7	3
Capacitor (µF)	12,5	-
Max. torque (Nm)	330	300
Angular speed (°/sec)	6	
Leaf opening time at 90° (sec.) ¹	18 (110°/180°)-10.5 (140°)	
Frequency of use at 20 °C	S3 - 30%	continuous
Operating ambient temperature (°C)	-20 +55	
Protection class	IP67	
Weight (kg)	26,5	

CONTROL BOARDS

Brain 17	Page 66
Brain 592	Page 66
Brain 15	Page 67

N.B.

¹ - Opening time and max. leaf dimensions calculated for correctly executed installations at the dimensions indicated in the installation instructions and without slow-downs. Over 2 m, an electric lock is essential to ensure leaf blocking.



- Line3x1,5 mm²
- Motor*4x1,5 mm²
- Flashing lamp2x1,5 mm²
- Selector2x0,5 mm²
- TX photocells2x0,5 mm²
- RX photocells4x0,5 mm²

* For 24Vdc motors, use 2x2.5 mm² cables - max. distance between motor and control unit 10 m

TYPICAL INSTALLATION EXAMPLE

Q.ty	Material description	Part number
2	ROLLER Motors	6170077
1	Electronic Control Board BRAIN 592	JA592
1	RC 433 one-channel receiver	6100110
1	Electronic Control Board Enclosure	JA320
1	Four-Channel Transmitter ECHO TX4 JLC	6100334
2	ROLLER BOX bearing boxes	58P0050
2	Release Device with 110° opening key	6100286
1	Single Channel Card Receiver 433 MHz	6100110
1	Four-Channel Transmitter ECHO TX4 TRC	6100334
1	230V GUARD Flashing Lamp	6100052
1	VEGA Photocells	6100147
1	QUICK 1 key-operated selector for outdoor use	JA31101-15

Material to add in order to get the configuration as per Wiring Diagram

Q.ty	Material description	Part number
1	Pair of ORION photocells	JA310
2	Column for photocell	JA325
2	Foundation plate for column	JA328

ACCESSORIES



ROLLER BOX
Foundation box in steel.
Cover in galvanised steel.

Code **58P0050**



ROLLER BOX INOX
Foundation box in stainless steel.
Cover in stainless steel.

Code **58P0052**



RELEASE DEVICE
For 110° opening.
PATENT

Code **6100286**



KIT FOR OPENING TO 140°
To obtain an opening angle of 140°¹

Code **6100317**



KIT FOR OPENING TO 180°
To obtain an opening angle of 180°²

Code **6100318**



ABSOLUTE ENCODER UNIT³
Gives the exact position of the leaf.

Code **6100322**

Cover in stainless steel.

Code **58P0051**



OPENING MECHANICAL STOP²
For levers 110°/140°.

Code **58P0047**



CLOSING MECHANICAL STOP
For levers 110°/140°.

Code **58P0048**



ADAPTER
For installing ROLLER in existing foundation boxes.

Code **58P1573**



BATTERY KIT
With recharging board.
Only for 24V models

Code **6100144**

1 - levers to be added to 6100286 to get a 140° opening angle.
2 - gears to be added to 6100286 to get a 180° opening angle.
3 - it can be used for Rollers and Brain 17 board.