

Roller



G-WAY
BUS

ENV
PATENT



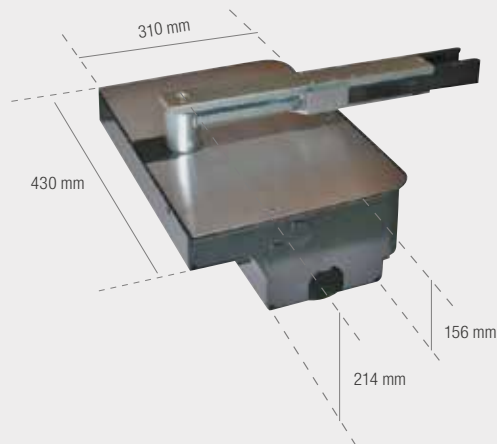
Polyester painting also suitable for installation in salty environment

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



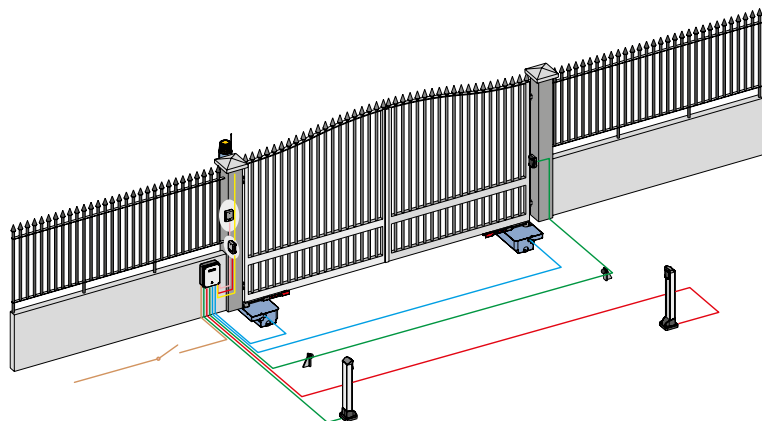
Technical Specifications	Roller	Roller 24
Power supply (V)		230
Electric motor (V)	230	24
Nominal power (W)	380	70
Current (A)	1.7	3
Capacitor (µF)	12,5	-
Max. torque (Nm)	330	300
Angular speed (°/sec)		6
Leaf opening time at 90° (sec.) ¹		18 (110°/180°)-10.5 (140°)
Frequency of use at 20 °C	S3 - 30%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

CONTROL BOARDS

Brain 17	Page 70
Brain 592	Page 70
Brain 15	Page 71

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.	 ROLLER BOX INOX Foundation box in stainless steel. Cover in stainless steel.	 RELEASE DEVICE For 110° opening. PATENT	 KIT FOR OPENING TO 140° To obtain an opening angle of 140° ¹	 KIT FOR OPENING TO 180° To obtain an opening angle of 180° ²	 ABSOLUTE ENCODER UNIT³ Gives the exact position of the leaf.
Code 58P0050	Code 58P0052	Code 6100286	Code 6100317	Code 6100318	Code 6100322
Cover in stainless steel.					
Code 58P0051					
 OPENING MECHANICAL STOP² For levers 110°/140°.	 CLOSING MECHANICAL STOP For levers 110°/140°.	 ADAPTER For installing ROLLER in existing foundation boxes.	 BATTERY KIT With recharging board. Only for 24V models		
Code 58P0047	Code 58P0048	Code 58P1573	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.