



Basis made of sturdy plastic material which reduces weight and enhances handiness

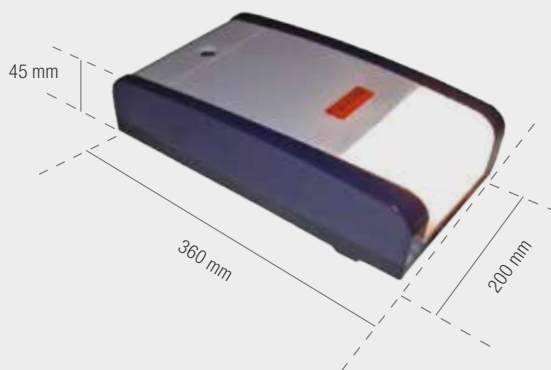
## SPRING UP-AND-OVER MOTOR, SECTIONAL AND COUNTERWEIGHTS DOOR OPERATOR

- Available version: 24V with 600N thrust (Zodiac 60) and 1000N (Zodiac 100)
- PATENTED three steps driving rail assembly
- Standard supplied with power cable and plug.
- Arranged for Low-consumption lamps
- Integrated courtesy lamp
- Easy Access to Programming Panel, no need to open the motor lid
- Integrated push-button to control opening.

Code	Name	Version	Voltage	Max. sectional door (bxh)*	Max. up-and-over door (bxh)*
6120041	Zodiac 60	Non-reversible - 600 N thrust - Geo 08 on board	24V	5 X 2.50 m.	3 X 2.50 m.
6120042	Zodiac 100	Non-reversible - 1000 N thrust - Geo 09 on board	24V	5 X 3.10 m.	3 X 3.10 m.

\* Maximum height depends on the door geometry. The indicated values refer to traditional configurations.

## OPERATOR DIMENSIONS

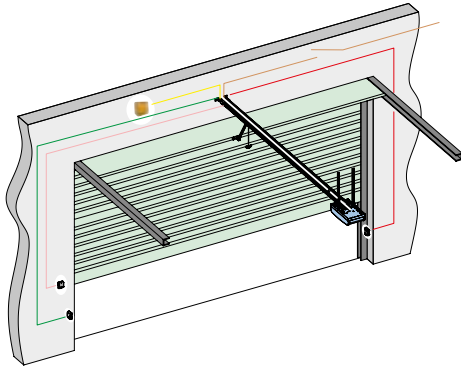


Technical Specifications	Zodiac 60	Zodiac 100
Power supply (V)	230	
Electric motor (V)	24	
Power (W)	220	350
Thrust (daN)	600	600/1000
Max. consecutive cycles	30	
Max. carriage travel (mm.)	1900 - 2500 - 3100	
Carriage speed, load free (m/min.)	6.6	
Frequency of use at 20 °C	80 cycles per day	
Operating ambient temperature (°C)	-20 +55	
Operator weight (Kg)	6.6	
Protection class	IP20	

## CONTROL BOARDS

Geo 08 Page 70  
Geo 09 Page 70

ELECTRIC WIRING DIAGRAM



- Line . . . . .3x1,5 mm<sup>2</sup>
- Flashing lamp . . . . .2x1,5 mm<sup>2</sup>
- Selector . . . . .2x0,5 mm<sup>2</sup>
- TX photocells . . . . .2x0,5 mm<sup>2</sup>
- RX photocells . . . . .4x0,5 mm<sup>2</sup>

TYPICAL INSTALLATION EXAMPLE

Q.ty	Material description	Part number
1	ZODIAC 60 Motor	6120041
1	Single chain rail, travel 1900 m	6100059
1	Cable for external release (application on existing handle)	610006
1	RQFZ 868 MHz Frequency Module	6100146
1	Four-Channel Transmitter KILO TX2 JLC	6100332

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

Q.ty	Material description	Part number
1	QUICK 1 key-operated selector for outdoor use	JA31101-15
1	VEGA Photocells	6100147
1	LEDDY 24V Lamp	6100190

ACCESSORIES



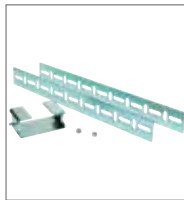
**BATTERY KIT**  
With recharging board.

Code **6100144**



**LEDDY**  
24 Vdc with integrated flashing.

Code **6100190**



**RAIL CENTRAL SUPPORT**  
Single rail

Code **6100125**



**EXTERNAL RELEASE**  
Cable for external release, with application on existing handle for sectional doors.  
In pairing with adapter arm for up-and-over doors with counter-weights, use the external release.  
Code 58P0398 on page 43

Code **610006**



**CABLE RELEASE KIT**  
External release kit with 1.5 m Bowden cable, cable stopper and cylinder with coded key.

Code **6100285**



**RADIOFREQUENCY MODULE**  
RQFZ 3PIN for GENIUS.  
433 MHz

868 MHz

Code **6100146**



**ARM FOR SECTIONAL DOORS**  
Arm for sectional doors.

Code **6100107**



**ADAPTER ARM**  
For up-and-over doors with counter-weights of max. height 2400 mm.

Code **6100156**



**CHAIN/BELT RAILS\***



**ARMO2 KEY-OPERATED SELECTOR WITH LEVER RELEASE**

Code **6100340**

Rail type	Description*	Code
G 1900 - 1B	With belt, travel 1900 mm 1 piece	6100111
G 2500 - 1B	With belt, travel 2500 mm 1 piece	6100112
G 3100 - 1B	With belt, travel 3100 mm 1 piece	6100113
G 2500 - 2B	With belt, travel 2500 mm 2 pieces	6100114
G 3100 - 2B	With belt, travel 3100 mm 2 pieces	6100115

\*N.B. The indicated measures correspond to effective carriage travel. The rail overall dimensions (including motor) are 900 mm over the travel for Zenith and 870 mm over the travel for Zodiac.