

ZENITH G

A NATURAL MOVEMENT FROM ABOVE

- ZENITH G is a 24Vdc non-reversible electro-mechanical operator, specifically designed to cut down on installation time.
- Suitable for many different applications, such as sprung up-and-over doors, sectional doors, and with an adapter for up-and-over doors with counter-weights.
- For installation purposes, the door's existing structure does not require any modifications.



THE IMPORTANCE OF FORESIGHT

- Integrated control board and certified software enabling installation fully in line with regulations without the need for any additional safety devices.
- Programming in self-learning mode, with memory-storage of slow-down times and - during the entire travel of the force required to move the door.
- Standardised rails for both models. Chain and belt versions on a single rail, or in 2 pieces to facilitate installation and transport requirements .
- External battery kit, enabling the door opening manoeuvre more than 24 hours after a power cut.

FIELD OF APPLICATION

- For sectional doors up to 5m x H 3.10, with maximum carriage travel of 3100 mm.
- For up-and-over doors/with counter-weights up to 3 m x H 3.10, according to door geometry.

Technical specifications control board	Zenith G60	Zenith G100
Power supply [Vac]	230Vac 50 Hz	
Accessories power supply [Vdc]	24	
Accessories max. load [mA]	200	
Motor protective fuses [A]	10	15
Terminal board connections	Open - Stop - Safety devices - Fail Safe - Blinker	
Quick-fit connector	Genius 5PIN receiver	
Function logic	Automatic / Semiautomatic	
Manual adjustment of operating force [N]	/	0 - 1000

DIMENSIONS



Model	Version
ZENITH G60	Non-reversible, thrust 600N
ZENITH G100	Non-reversible, thrust 1000N

Technical specifications	ZENITH G60	ZENITH G100
Power supply[Vac]		230
Motor [Vdc]		24
Power [W]	220	350
Thrust [N]	600	600/1000
Max. consecutive cycles		6
Max. cycles/hour		20
Max. carriage travel (mm)		1900 - 2500 - 3100
Sectional door max dimensions (m) *	5,00 x 2,50	5,00 x 3,10
Max. dimensions of sprung/counter-weights up-and-over door (m)*	3,00 x 2,50	3,00 x 3,20
Speed of carriage load free (m/min)	7,8	11
Type and frequency of use at 20° C		S3 - 20%
Operating ambient temperature		-20°C +55°C
Operator weight [Kg]	8	9
Protection class		IP20

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

ACCESSORIES FOR ZODIAC E ZENITH



ARM FOR SECTIONAL DOORS

Arm for sectional doors.



ADAPTER ARM

Adapter arm for up-and-over doors with counter-weights.



ARMO 24V

External safe containers, with release device and raise-lower control push button (24Volt)



BATTERIES KIT

KIT of emergency batteries and recharging board to be placed on board.



CENTRAL SUPPORT

Central support for single rail G60 - G100.



EXTERNAL RELEASE

Cable for external release, with application on existing handle. Don't utilize in pairing with adapter arm for up-and-over doors with counter-weights.



CHAIN RAIL*

Rail G 1900 - 1C (1 piece)

Rail G 2500 - 1C (1 piece)

Rail G 3100 - 1C (1 piece)

Rail G 2500 - 2C (2 pieces)

Rail G 3100 - 2C (2 pieces)

BELT RAIL*

Rail G 1900 - 1B (1 piece)

Rail G 2500 - 1B (1 piece)

Rail G 3100 - 1B (1 piece)

Rail G 2500 - 2B (2 pieces)

Rail G 3100 - 2B (2 pieces)

PLEASE NOTE. The indicated measures "G" correspond to effective carriage travel, the rail overall dimensions are 870 mm (Zodiac) and 900 mm (Zenith) more than the travel.